# Astrodienst Ephemeris Tables

## for the year 1705

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## JANUARY 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 6 41 37 | 10♑29'34 | 22♓38 | 14♑55 | 10♒34 | 19♈ 3 | 18°R59 | 29°D13 | 2°R40 | 13♈58 | 19°R11 | 11°R56 | 10♊38 | 19♌51 | 13♐53 | T 1 |
| F 2 | 6 45 34 | 11°30'44 | 6♈41 | 16°34 | 11°48 | 19°34 | 18♊52 | 29♈13 | 2♌37 | 13°59 | 19♌10 | 11°D55 | 10°35 | 19°57 | 14° 0 | F 2 |
| S 3 | 6 49 31 | 12°31'54 | 20°23 | 18°13 | 13° 2 | 20° 5 | 18°45 | 29°13 | 2°35 | 13°59 | 19° 9 | 11♊55 | 10°32 | 20° 4 | 14° 7 | S 3 |
| S 4 | 6 53 27 | 13°33'04 | 3♉45 | 19°52 | 14°16 | 20°36 | 18°38 | 29°13 | 2°33 | 13°59 | 19° 7 | 11°57 | 10°29 | 20°11 | 14°13 | S 4 |
| M 5 | 6 57 24 | 14°34'13 | 16°49 | 21°31 | 15°30 | 21° 7 | 18°32 | 29°14 | 2°30 | 14° 0 | 19° 6 | 11°58 | 10°26 | 20°17 | 14°20 | M 5 |
| T 6 | 7 1 20 | 15°35'22 | 29°36 | 23°11 | 16°44 | 21°38 | 18°25 | 29°14 | 2°28 | 14° 0 | 19° 5 | 12° 0 | 10°23 | 20°24 | 14°27 | T 6 |
| W 7 | 7 5 17 | 16°36'30 | 12♊11 | 24°51 | 17°58 | 22°10 | 18°19 | 29°15 | 2°25 | 14° 0 | 19° 4 | 12°R 0 | 10°19 | 20°31 | 14°33 | W 7 |
| T 8 | 7 9 13 | 17°37'38 | 24°34 | 26°32 | 19°12 | 22°42 | 18°13 | 29°16 | 2°23 | 14° 1 | 19° 3 | 12° 0 | 10°16 | 20°38 | 14°39 | T 8 |
| F 9 | 7 13 10 | 18°38'45 | 6♋49 | 28°12 | 20°26 | 23°13 | 18° 7 | 29°17 | 2°20 | 14° 1 | 19° 2 | 11°57 | 10°13 | 20°44 | 14°46 | F 9 |
| S 10 | 7 17 7 | 19°39'52 | 18°56 | 29°53 | 21°40 | 23°45 | 18° 1 | 29°18 | 2°18 | 14° 2 | 19° 0 | 11°52 | 10°10 | 20°51 | 14°52 | S 10 |
| S 11 | 7 21 3 | 20°40'58 | 0♌56 | 1♒33 | 22°54 | 24°18 | 17°55 | 29°19 | 2°15 | 14° 3 | 18°59 | 11°46 | 10° 7 | 20°58 | 14°59 | S 11 |
| M12 | 7 25 0 | 21°42'04 | 12°52 | 3°14 | 24° 8 | 24°50 | 17°49 | 29°20 | 2°13 | 14° 3 | 18°58 | 11°38 | 10° 4 | 21° 4 | 15° 5 | M12 |
| T 13 | 7 28 56 | 22°43'10 | 24°45 | 4°54 | 25°21 | 25°22 | 17°44 | 29°21 | 2°10 | 14° 4 | 18°57 | 11°30 | 10° 0 | 21°11 | 15°11 | T 13 |
| W14 | 7 32 53 | 23°44'15 | 6♍36 | 6°34 | 26°35 | 25°55 | 17°39 | 29°23 | 2° 7 | 14° 4 | 18°55 | 11°22 | 9°57 | 21°18 | 15°17 | W14 |
| T 15 | 7 36 49 | 24°45'19 | 18°29 | 8°13 | 27°49 | 26°27 | 17°33 | 29°24 | 2° 5 | 14° 5 | 18°54 | 11°15 | 9°54 | 21°25 | 15°23 | T 15 |
| F 16 | 7 40 46 | 25°46'23 | 0♎26 | 9°52 | 29° 2 | 27° 0 | 17°28 | 29°26 | 2° 2 | 14° 6 | 18°53 | 11°10 | 9°51 | 21°31 | 15°29 | F 16 |
| S 17 | 7 44 42 | 26°47'27 | 12°32 | 11°30 | 0♓16 | 27°33 | 17°24 | 29°28 | 2° 0 | 14° 7 | 18°51 | 11° 6 | 9°48 | 21°38 | 15°35 | S 17 |
| S 18 | 7 48 39 | 27°48'30 | 24°50 | 13° 6 | 1°29 | 28° 6 | 17°19 | 29°29 | 1°57 | 14° 7 | 18°50 | 11°D 5 | 9°44 | 21°45 | 15°41 | S 18 |
| M19 | 7 52 36 | 28°49'33 | 7♏26 | 14°41 | 2°43 | 28°39 | 17°15 | 29°31 | 1°54 | 14° 8 | 18°49 | 11° 5 | 9°41 | 21°51 | 15°47 | M19 |
| T 20 | 7 56 32 | 29°50'36 | 20°24 | 16°13 | 3°56 | 29°12 | 17°10 | 29°34 | 1°52 | 14° 9 | 18°47 | 11° 6 | 9°38 | 21°58 | 15°53 | T 20 |
| W21 | 8 0 29 | 0♒51'38 | 3♐48 | 17°43 | 5°10 | 29°46 | 17° 6 | 29°36 | 1°49 | 14°10 | 18°46 | 11° 8 | 9°35 | 22° 5 | 15°59 | W21 |
| T 22 | 8 4 25 | 1°52'39 | 17°40 | 19°11 | 6°23 | 0♉19 | 17° 2 | 29°38 | 1°47 | 14°11 | 18°45 | 11°R 8 | 9°32 | 22°12 | 16° 5 | T 22 |
| F 23 | 8 8 22 | 2°53'40 | 2♑ 1 | 20°34 | 7°36 | 0°53 | 16°59 | 29°40 | 1°44 | 14°12 | 18°43 | 11° 6 | 9°29 | 22°18 | 16°10 | F 23 |
| S 24 | 8 12 18 | 3°54'40 | 16°48 | 21°54 | 8°49 | 1°26 | 16°55 | 29°43 | 1°41 | 14°13 | 18°42 | 11° 1 | 9°25 | 22°25 | 16°16 | S 24 |
| S 25 | 8 16 15 | 4°55'39 | 1♒54 | 23° 8 | 10° 2 | 2° 0 | 16°52 | 29°46 | 1°39 | 14°14 | 18°40 | 10°55 | 9°22 | 22°32 | 16°22 | S 25 |
| M26 | 8 20 11 | 5°56'37 | 17°11 | 24°17 | 11°15 | 2°34 | 16°49 | 29°48 | 1°36 | 14°15 | 18°39 | 10°47 | 9°19 | 22°39 | 16°27 | M26 |
| T 27 | 8 24 8 | 6°57'34 | 2♓26 | 25°19 | 12°28 | 3° 8 | 16°46 | 29°51 | 1°33 | 14°16 | 18°37 | 10°38 | 9°16 | 22°45 | 16°33 | T 27 |
| W28 | 8 28 5 | 7°58'30 | 17°29 | 26°15 | 13°41 | 3°42 | 16°43 | 29°54 | 1°31 | 14°17 | 18°36 | 10°29 | 9°13 | 22°52 | 16°38 | W28 |
| T 29 | 8 32 1 | 8°59'25 | 2♈12 | 27° 2 | 14°54 | 4°16 | 16°40 | 29°57 | 1°28 | 14°18 | 18°35 | 10°22 | 9°10 | 22°59 | 16°43 | T 29 |
| F 30 | 8 35 58 | 10° 0'18 | 16°29 | 27°40 | 16° 7 | 4°51 | 16°38 | 0♉ 0 | 1°26 | 14°20 | 18°33 | 10°17 | 9° 6 | 23° 5 | 16°48 | F 30 |
| S 31 | 8 39 54 | 11♒ 1'09 | 0♉18 | 28♒ 9 | 17♓20 | 5♉25 | 16♊36 | 0♉ 3 | 1♌23 | 14♈21 | 18♌32 | 10♊15 | 9♊ 3 | 23♌12 | 16♐54 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 4 | 7s38 | 5s 8 | 24s40 | 2s 2 | 19s18 | 1s45 | 8n 0 | 0n34 | 22n37 | 0s24 | 8n51 | 2s32 | 20n12 | 0n37 | 3n59 | 1s40 | 24n 3 | 9n27 | 22n15 | 22n 5 | 19n27 | 17s59 | 4n33 |
| F 2 | 22 59 | 1 42 | 4 45 | 24 30 | 2 4 | 18 58 | 1 45 | 8 13 | 0 36 | 22 37 | 0 24 | 8 51 | 2 31 | 20 12 | 0 37 | 3 59 | 1 40 | 24 4 | 9 28 | 22 15 | 22 4 | 19 25 | 17 59 | 4 34 |
| S 3 | 22 53 | 4n11 | 4 6 | 24 19 | 2 5 | 18 36 | 1 45 | 8 26 | 0 37 | 22 36 | 0 24 | 8 52 | 2 31 | 20 13 | 0 37 | 4 0 | 1 40 | 24 5 | 9 28 | 22 15 | 22 4 | 19 23 | 18 0 | 4 34 |
| S 4 | 22 47 | 9 45 | 3 14 | 24 5 | 2 6 | 18 15 | 1 45 | 8 39 | 0 38 | 22 36 | 0 24 | 8 52 | 2 31 | 20 13 | 0 37 | 4 0 | 1 40 | 24 5 | 9 28 | 22 15 | 22 3 | 19 21 | 18 0 | 4 34 |
| M 5 | 22 41 | 14 45 | 2 13 | 23 51 | 2 7 | 17 52 | 1 44 | 8 51 | 0 39 | 22 36 | 0 23 | 8 52 | 2 30 | 20 14 | 0 37 | 4 0 | 1 40 | 24 6 | 9 28 | 22 16 | 22 3 | 19 19 | 18 1 | 4 35 |
| T 6 | 22 34 | 19 0 | 1 7 | 23 34 | 2 7 | 17 30 | 1 44 | 9 4 | 0 40 | 22 35 | 0 23 | 8 53 | 2 30 | 20 14 | 0 37 | 4 0 | 1 39 | 24 6 | 9 29 | 22 16 | 22 2 | 19 18 | 18 1 | 4 35 |
| W 7 | 22 27 | 22 18 | 0n 1 | 23 16 | 2 7 | 17 6 | 1 43 | 9 17 | 0 41 | 22 35 | 0 23 | 8 53 | 2 30 | 20 15 | 0 37 | 4 0 | 1 39 | 24 7 | 9 29 | 22 16 | 22 2 | 19 16 | 18 1 | 4 35 |
| T 8 | 22 19 | 24 30 | 1 8 | 22 56 | 2 6 | 16 43 | 1 43 | 9 30 | 0 42 | 22 35 | 0 23 | 8 54 | 2 29 | 20 16 | 0 37 | 4 1 | 1 39 | 24 7 | 9 29 | 22 16 | 22 2 | 19 14 | 18 2 | 4 36 |
| F 9 | 22 11 | 25 29 | 2 11 | 22 35 | 2 5 | 16 19 | 1 42 | 9 43 | 0 44 | 22 34 | 0 23 | 8 55 | 2 29 | 20 16 | 0 37 | 4 1 | 1 39 | 24 8 | 9 29 | 22 16 | 22 1 | 19 12 | 18 2 | 4 36 |
| S 10 | 22 2 | 25 14 | 3 7 | 22 12 | 2 3 | 15 54 | 1 41 | 9 56 | 0 45 | 22 34 | 0 22 | 8 55 | 2 29 | 20 17 | 0 37 | 4 1 | 1 39 | 24 9 | 9 30 | 22 15 | 22 1 | 19 10 | 18 2 | 4 37 |
| S 11 | 21 53 | 23 48 | 3 54 | 21 48 | 2 0 | 15 29 | 1 40 | 10 8 | 0 46 | 22 34 | 0 22 | 8 56 | 2 29 | 20 17 | 0 37 | 4 1 | 1 39 | 24 9 | 9 30 | 22 14 | 22 0 | 19 8 | 18 2 | 4 37 |
| M12 | 21 44 | 21 18 | 4 31 | 21 22 | 1 57 | 15 4 | 1 39 | 10 21 | 0 47 | 22 33 | 0 22 | 8 57 | 2 28 | 20 18 | 0 37 | 4 2 | 1 39 | 24 10 | 9 30 | 22 13 | 22 0 | 19 6 | 18 3 | 4 37 |
| T 13 | 21 34 | 17 56 | 4 56 | 20 54 | 1 54 | 14 38 | 1 38 | 10 34 | 0 48 | 22 33 | 0 22 | 8 57 | 2 28 | 20 19 | 0 37 | 4 2 | 1 39 | 24 10 | 9 30 | 22 12 | 21 59 | 19 4 | 18 3 | 4 38 |
| W14 | 21 23 | 13 51 | 5 7 | 20 25 | 1 49 | 14 12 | 1 37 | 10 47 | 0 48 | 22 33 | 0 22 | 8 58 | 2 28 | 20 19 | 0 37 | 4 2 | 1 39 | 24 11 | 9 30 | 22 11 | 21 59 | 19 2 | 18 3 | 4 38 |
| T 15 | 21 13 | 9 15 | 5 6 | 19 55 | 1 44 | 13 45 | 1 36 | 10 59 | 0 49 | 22 32 | 0 22 | 8 59 | 2 27 | 20 20 | 0 37 | 4 3 | 1 39 | 24 12 | 9 31 | 22 10 | 21 58 | 19 0 | 18 3 | 4 39 |
| F 16 | 21 1 | 4 17 | 4 51 | 19 23 | 1 39 | 13 18 | 1 35 | 11 12 | 0 50 | 22 32 | 0 21 | 9 0 | 2 27 | 20 20 | 0 37 | 4 3 | 1 39 | 24 12 | 9 31 | 22 9 | 21 58 | 18 58 | 18 4 | 4 39 |
| S 17 | 20 50 | 0s55 | 4 24 | 18 50 | 1 32 | 12 51 | 1 33 | 11 25 | 0 51 | 22 32 | 0 21 | 9 1 | 2 27 | 20 21 | 0 37 | 4 3 | 1 39 | 24 13 | 9 31 | 22 9 | 21 57 | 18 56 | 18 4 | 4 40 |
| S 18 | 20 38 | 6 10 | 3 43 | 18 16 | 1 25 | 12 23 | 1 32 | 11 37 | 0 52 | 22 31 | 0 21 | 9 2 | 2 27 | 20 22 | 0 37 | 4 4 | 1 39 | 24 14 | 9 31 | 22 8 | 21 57 | 18 54 | 18 4 | 4 40 |
| M19 | 20 26 | 11 19 | 2 51 | 17 41 | 1 17 | 11 56 | 1 30 | 11 50 | 0 53 | 22 31 | 0 21 | 9 3 | 2 26 | 20 22 | 0 37 | 4 4 | 1 39 | 24 14 | 9 31 | 22 9 | 21 56 | 18 52 | 18 4 | 4 40 |
| T 20 | 20 13 | 16 7 | 1 49 | 17 5 | 1 8 | 11 27 | 1 29 | 12 3 | 0 54 | 22 31 | 0 21 | 9 4 | 2 26 | 20 23 | 0 37 | 4 4 | 1 39 | 24 15 | 9 32 | 22 9 | 21 56 | 18 51 | 18 4 | 4 41 |
| W21 | 20 0 | 20 18 | 0 39 | 16 29 | 0 59 | 10 59 | 1 27 | 12 15 | 0 54 | 22 31 | 0 20 | 9 5 | 2 26 | 20 23 | 0 37 | 4 5 | 1 39 | 24 15 | 9 32 | 22 9 | 21 55 | 18 49 | 18 4 | 4 41 |
| T 22 | 19 46 | 23 29 | 0s35 | 15 52 | 0 48 | 10 30 | 1 25 | 12 28 | 0 55 | 22 31 | 0 20 | 9 6 | 2 25 | 20 24 | 0 37 | 4 5 | 1 39 | 24 16 | 9 32 | 22 9 | 21 55 | 18 47 | 18 5 | 4 42 |
| F 23 | 19 33 | 25 18 | 1 50 | 15 14 | 0 37 | 10 1 | 1 23 | 12 40 | 0 56 | 22 30 | 0 20 | 9 7 | 2 25 | 20 25 | 0 37 | 4 6 | 1 39 | 24 17 | 9 32 | 22 9 | 21 54 | 18 45 | 18 5 | 4 42 |
| S 24 | 19 18 | 25 23 | 2 59 | 14 37 | 0 25 | 9 32 | 1 21 | 12 53 | 0 57 | 22 30 | 0 20 | 9 8 | 2 25 | 20 25 | 0 37 | 4 6 | 1 39 | 24 17 | 9 32 | 22 8 | 21 54 | 18 43 | 18 5 | 4 43 |
| S 25 | 19 4 | 23 38 | 3 58 | 14 1 | 0 12 | 9 2 | 1 19 | 13 5 | 0 57 | 22 30 | 0 20 | 9 9 | 2 24 | 20 26 | 0 37 | 4 6 | 1 39 | 24 18 | 9 32 | 22 7 | 21 54 | 18 41 | 18 5 | 4 43 |
| M26 | 18 49 | 20 9 | 4 40 | 13 25 | 0n 2 | 8 33 | 1 17 | 13 18 | 0 58 | 22 30 | 0 19 | 9 10 | 2 24 | 20 26 | 0 37 | 4 7 | 1 38 | 24 18 | 9 32 | 22 6 | 21 53 | 18 39 | 18 5 | 4 44 |
| T 27 | 18 34 | 15 19 | 5 2 | 12 50 | 0 17 | 8 3 | 1 15 | 13 30 | 0 59 | 22 30 | 0 19 | 9 12 | 2 24 | 20 27 | 0 37 | 4 7 | 1 38 | 24 19 | 9 33 | 22 5 | 21 53 | 18 37 | 18 5 | 4 44 |
| W28 | 18 18 | 9 36 | 5 3 | 12 17 | 0 33 | 7 32 | 1 13 | 13 42 | 1 0 | 22 30 | 0 19 | 9 13 | 2 24 | 20 28 | 0 37 | 4 8 | 1 38 | 24 19 | 9 33 | 22 3 | 21 52 | 18 35 | 18 5 | 4 45 |
| T 29 | 18 2 | 3 27 | 4 43 | 11 46 | 0 49 | 7 2 | 1 10 | 13 55 | 1 0 | 22 30 | 0 19 | 9 14 | 2 23 | 20 28 | 0 37 | 4 8 | 1 38 | 24 20 | 9 33 | 22 2 | 21 52 | 18 33 | 18 5 | 4 45 |
| F 30 | 17 46 | 2n42 | 4 7 | 11 17 | 1 5 | 6 32 | 1 8 | 14 7 | 1 1 | 22 30 | 0 19 | 9 15 | 2 23 | 20 29 | 0 37 | 4 9 | 1 38 | 24 21 | 9 33 | 22 2 | 21 51 | 18 31 | 18 5 | 4 46 |
| S 31 | 17s30 | 8n32 | 3s16 | 10s51 | 1n22 | 6s 1 | 1s 5 | 14n19 | 1n 2 | 22n30 | 0s19 | 9n17 | 2s23 | 20n29 | 0n37 | 4n 9 | 1s38 | 24n21 | 9n33 | 22n 1 | 21n51 | 18n29 | 18s 5 | 4n46 |

Julian Day Number = 2343798.5, Delta T = 12.73 sec
Ecliptic obliquity = 23°28'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'20, Lahiri = 19°44'21Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## FEBRUARY 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 8 43 51 | 12♒ 2'00 | 13♉40 | 28♒28 | 18♓32 | 6♉ 0 | 16°R34 | 0♉ 7 | 1°R20 | 14♈22 | 18°R30 | 10°D14 | 9♊ 0 | 23♌19 | 16♐59 | S 1 |
| M 2 | 8 47 47 | 13° 2'48 | 26°38 | 28°R36 | 19°45 | 6°34 | 16♊32 | 0°10 | 1♌18 | 14°23 | 18♌29 | 10♊15 | 8°57 | 23°26 | 17° 4 | M 2 |
| T 3 | 8 51 44 | 14° 3'36 | 9♊16 | 28°33 | 20°57 | 7° 9 | 16°31 | 0°14 | 1°15 | 14°25 | 18°27 | 10°R15 | 8°54 | 23°32 | 17° 9 | T 3 |
| W 4 | 8 55 40 | 15° 4'22 | 21°39 | 28°20 | 22°10 | 7°43 | 16°29 | 0°17 | 1°13 | 14°26 | 18°26 | 10°14 | 8°50 | 23°39 | 17°14 | W 4 |
| T 5 | 8 59 37 | 16° 5'06 | 3♋50 | 27°55 | 23°22 | 8°18 | 16°28 | 0°21 | 1°10 | 14°27 | 18°24 | 10°12 | 8°47 | 23°46 | 17°18 | T 5 |
| F 6 | 9 3 34 | 17° 5'49 | 15°53 | 27°21 | 24°34 | 8°53 | 16°27 | 0°25 | 1° 8 | 14°29 | 18°23 | 10° 6 | 8°44 | 23°52 | 17°23 | F 6 |
| S 7 | 9 7 30 | 18° 6'30 | 27°50 | 26°37 | 25°46 | 9°28 | 16°26 | 0°29 | 1° 5 | 14°30 | 18°22 | 9°58 | 8°41 | 23°59 | 17°28 | S 7 |
| S 8 | 9 11 27 | 19° 7'10 | 9♌44 | 25°44 | 26°58 | 10° 3 | 16°26 | 0°33 | 1° 3 | 14°32 | 18°20 | 9°47 | 8°38 | 24° 6 | 17°32 | S 8 |
| M 9 | 9 15 23 | 20° 7'48 | 21°37 | 24°45 | 28°10 | 10°38 | 16°26 | 0°37 | 1° 0 | 14°33 | 18°19 | 9°34 | 8°35 | 24°13 | 17°37 | M 9 |
| T 10 | 9 19 20 | 21° 8'25 | 3♍29 | 23°41 | 29°22 | 11°13 | 16°D25 | 0°41 | 0°58 | 14°35 | 18°17 | 9°20 | 8°31 | 24°19 | 17°41 | T 10 |
| W11 | 9 23 16 | 22° 9'00 | 15°23 | 22°34 | 0♈34 | 11°48 | 16°26 | 0°45 | 0°56 | 14°36 | 18°16 | 9° 6 | 8°28 | 24°26 | 17°46 | W11 |
| T 12 | 9 27 13 | 23° 9'34 | 27°19 | 21°25 | 1°46 | 12°23 | 16°26 | 0°49 | 0°53 | 14°38 | 18°14 | 8°54 | 8°25 | 24°33 | 17°50 | T 12 |
| F 13 | 9 31 9 | 24°10'07 | 9♎20 | 20°16 | 2°57 | 12°58 | 16°26 | 0°54 | 0°51 | 14°39 | 18°13 | 8°44 | 8°22 | 24°39 | 17°54 | F 13 |
| S 14 | 9 35 6 | 25°10'38 | 21°28 | 19°10 | 4° 9 | 13°34 | 16°27 | 0°58 | 0°49 | 14°41 | 18°11 | 8°36 | 8°19 | 24°46 | 17°58 | S 14 |
| S 15 | 9 39 3 | 26°11'08 | 3♏47 | 18° 7 | 5°20 | 14° 9 | 16°28 | 1° 3 | 0°46 | 14°42 | 18°10 | 8°32 | 8°16 | 24°53 | 18° 2 | S 15 |
| M16 | 9 42 59 | 27°11'37 | 16°20 | 17° 9 | 6°31 | 14°44 | 16°29 | 1° 8 | 0°44 | 14°44 | 18° 8 | 8°30 | 8°12 | 25° 0 | 18° 6 | M16 |
| T 17 | 9 46 56 | 28°12'04 | 29°12 | 16°16 | 7°43 | 15°20 | 16°30 | 1°12 | 0°42 | 14°46 | 18° 7 | 8°D29 | 8° 9 | 25° 6 | 18°10 | T 17 |
| W18 | 9 50 52 | 29°12'30 | 12♐27 | 15°30 | 8°54 | 15°55 | 16°32 | 1°17 | 0°40 | 14°47 | 18° 5 | 8°R29 | 8° 6 | 25°13 | 18°14 | W18 |
| T 19 | 9 54 49 | 0♓12'55 | 26° 8 | 14°52 | 10° 5 | 16°31 | 16°33 | 1°22 | 0°37 | 14°49 | 18° 4 | 8°29 | 8° 3 | 25°20 | 18°18 | T 19 |
| F 20 | 9 58 45 | 1°13'18 | 10♑18 | 14°20 | 11°15 | 17° 6 | 16°35 | 1°27 | 0°35 | 14°51 | 18° 3 | 8°26 | 8° 0 | 25°26 | 18°21 | F 20 |
| S 21 | 10 2 42 | 2°13'40 | 24°55 | 13°56 | 12°26 | 17°42 | 16°37 | 1°32 | 0°33 | 14°53 | 18° 1 | 8°20 | 7°56 | 25°33 | 18°25 | S 21 |
| S 22 | 10 6 38 | 3°14'00 | 9♒56 | 13°39 | 13°37 | 18°18 | 16°39 | 1°37 | 0°31 | 14°54 | 18° 0 | 8°12 | 7°53 | 25°40 | 18°29 | S 22 |
| M23 | 10 10 35 | 4°14'19 | 25°12 | 13°29 | 14°47 | 18°54 | 16°42 | 1°43 | 0°29 | 14°56 | 17°58 | 8° 1 | 7°50 | 25°47 | 18°32 | M23 |
| T 24 | 10 14 32 | 5°14'36 | 10♓33 | 13°D26 | 15°58 | 19°29 | 16°45 | 1°48 | 0°27 | 14°58 | 17°57 | 7°50 | 7°47 | 25°53 | 18°35 | T 24 |
| W25 | 10 18 28 | 6°14'51 | 25°47 | 13°30 | 17° 8 | 20° 5 | 16°47 | 1°53 | 0°25 | 15° 0 | 17°56 | 7°38 | 7°44 | 26° 0 | 18°38 | W25 |
| T 26 | 10 22 25 | 7°15'04 | 10♈43 | 13°40 | 18°18 | 20°41 | 16°50 | 1°59 | 0°23 | 15° 2 | 17°54 | 7°29 | 7°41 | 26° 7 | 18°42 | T 26 |
| F 27 | 10 26 21 | 8°15'15 | 25°13 | 13°56 | 19°28 | 21°17 | 16°54 | 2° 4 | 0°21 | 15° 4 | 17°53 | 7°21 | 7°37 | 26°14 | 18°45 | F 27 |
| S 28 | 10 30 18 | 9♓15'24 | 9♉13 | 14♒17 | 20♈38 | 21♉53 | 16♊57 | 2♉10 | 0♌19 | 15♈ 6 | 17♌52 | 7♊17 | 7♊34 | 26♌20 | 18♐47 | S 28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s13 | 13n47 | 2s17 | 10s29 | 1n39 | 5s30 | 1s 3 | 14n31 | 1n 2 | 22n30 | 0s18 | 9n18 | 2s23 | 20n30 | 0n37 | 4n10 | 1s38 | 24n22 | 9n33 | 22n 1 | 21n50 | 18n27 | 18s 5 | 4n47 |
| M 2 | 16 56 | 18 16 | 1 12 | 10 10 | 1 56 | 4 59 | 1 0 | 14 43 | 1 3 | 22 30 | 0 18 | 9 20 | 2 22 | 20 30 | 0 37 | 4 10 | 1 38 | 24 22 | 9 33 | 22 1 | 21 50 | 18 25 | 18 5 | 4 47 |
| T 3 | 16 38 | 21 47 | 0 5 | 9 55 | 2 13 | 4 28 | 0 57 | 14 55 | 1 3 | 22 30 | 0 18 | 9 21 | 2 22 | 20 31 | 0 37 | 4 11 | 1 38 | 24 23 | 9 33 | 22 1 | 21 49 | 18 22 | 18 5 | 4 48 |
| W 4 | 16 20 | 24 13 | 1n 0 | 9 45 | 2 29 | 3 57 | 0 55 | 15 7 | 1 4 | 22 30 | 0 18 | 9 23 | 2 22 | 20 31 | 0 37 | 4 12 | 1 38 | 24 24 | 9 33 | 22 1 | 21 49 | 18 20 | 18 5 | 4 49 |
| T 5 | 16 2 | 25 27 | 2 2 | 9 39 | 2 44 | 3 26 | 0 52 | 15 19 | 1 5 | 22 30 | 0 18 | 9 24 | 2 21 | 20 32 | 0 37 | 4 12 | 1 38 | 24 24 | 9 34 | 22 1 | 21 48 | 18 18 | 18 4 | 4 49 |
| F 6 | 15 44 | 25 28 | 2 57 | 9 37 | 2 58 | 2 54 | 0 49 | 15 31 | 1 5 | 22 30 | 0 17 | 9 26 | 2 21 | 20 33 | 0 37 | 4 13 | 1 38 | 24 25 | 9 34 | 22 0 | 21 48 | 18 16 | 18 4 | 4 50 |
| S 7 | 15 26 | 24 17 | 3 44 | 9 40 | 3 11 | 2 23 | 0 46 | 15 42 | 1 6 | 22 30 | 0 17 | 9 27 | 2 21 | 20 33 | 0 37 | 4 13 | 1 38 | 24 25 | 9 34 | 21 59 | 21 47 | 18 14 | 18 4 | 4 50 |
| S 8 | 15 7 | 22 2 | 4 21 | 9 47 | 3 22 | 1 52 | 0 43 | 15 54 | 1 6 | 22 30 | 0 17 | 9 29 | 2 21 | 20 34 | 0 37 | 4 14 | 1 38 | 24 26 | 9 34 | 21 57 | 21 47 | 18 12 | 18 4 | 4 51 |
| M 9 | 14 48 | 18 50 | 4 46 | 9 59 | 3 31 | 1 20 | 0 40 | 16 5 | 1 7 | 22 30 | 0 17 | 9 31 | 2 20 | 20 34 | 0 37 | 4 14 | 1 38 | 24 26 | 9 34 | 21 55 | 21 46 | 18 10 | 18 4 | 4 51 |
| T 10 | 14 29 | 14 53 | 4 59 | 10 13 | 3 38 | 0 49 | 0 37 | 16 17 | 1 7 | 22 30 | 0 17 | 9 32 | 2 20 | 20 35 | 0 37 | 4 15 | 1 38 | 24 27 | 9 34 | 21 53 | 21 46 | 18 8 | 18 4 | 4 52 |
| W11 | 14 9 | 10 21 | 4 59 | 10 31 | 3 42 | 0 17 | 0 33 | 16 28 | 1 8 | 22 31 | 0 17 | 9 34 | 2 20 | 20 35 | 0 37 | 4 16 | 1 38 | 24 27 | 9 34 | 21 51 | 21 45 | 18 6 | 18 4 | 4 52 |
| T 12 | 13 49 | 5 26 | 4 45 | 10 51 | 3 44 | 0n15 | 0 30 | 16 40 | 1 8 | 22 31 | 0 16 | 9 36 | 2 20 | 20 36 | 0 37 | 4 16 | 1 38 | 24 28 | 9 34 | 21 49 | 21 45 | 18 4 | 18 3 | 4 53 |
| F 13 | 13 29 | 0 16 | 4 19 | 11 13 | 3 44 | 0 46 | 0 27 | 16 51 | 1 9 | 22 31 | 0 16 | 9 38 | 2 19 | 20 36 | 0 37 | 4 17 | 1 38 | 24 28 | 9 34 | 21 48 | 21 44 | 18 2 | 18 3 | 4 54 |
| S 14 | 13 9 | 4s58 | 3 41 | 11 36 | 3 41 | 1 18 | 0 23 | 17 2 | 1 9 | 22 31 | 0 16 | 9 39 | 2 19 | 20 37 | 0 37 | 4 18 | 1 38 | 24 29 | 9 34 | 21 46 | 21 44 | 18 0 | 18 3 | 4 54 |
| S 15 | 12 49 | 10 6 | 2 52 | 11 59 | 3 36 | 1 49 | 0 20 | 17 13 | 1 10 | 22 32 | 0 16 | 9 41 | 2 19 | 20 37 | 0 37 | 4 18 | 1 38 | 24 29 | 9 34 | 21 46 | 21 43 | 17 58 | 18 3 | 4 55 |
| M16 | 12 28 | 14 56 | 1 54 | 12 23 | 3 30 | 2 21 | 0 16 | 17 24 | 1 10 | 22 32 | 0 16 | 9 43 | 2 19 | 20 38 | 0 37 | 4 19 | 1 38 | 24 30 | 9 34 | 21 45 | 21 43 | 17 56 | 18 2 | 4 55 |
| T 17 | 12 7 | 19 13 | 0 49 | 12 46 | 3 22 | 2 52 | 0 13 | 17 35 | 1 10 | 22 32 | 0 15 | 9 45 | 2 18 | 20 38 | 0 37 | 4 20 | 1 38 | 24 30 | 9 34 | 21 45 | 21 42 | 17 53 | 18 2 | 4 56 |
| W18 | 11 46 | 22 40 | 0s21 | 13 9 | 3 12 | 3 24 | 0 9 | 17 46 | 1 11 | 22 33 | 0 15 | 9 47 | 2 18 | 20 39 | 0 37 | 4 20 | 1 37 | 24 31 | 9 34 | 21 45 | 21 42 | 17 51 | 18 2 | 4 57 |
| T 19 | 11 25 | 24 57 | 1 32 | 13 31 | 3 1 | 3 55 | 0 5 | 17 56 | 1 11 | 22 33 | 0 15 | 9 49 | 2 18 | 20 39 | 0 37 | 4 21 | 1 37 | 24 31 | 9 34 | 21 45 | 21 41 | 17 49 | 18 2 | 4 57 |
| F 20 | 11 3 | 25 44 | 2 39 | 13 51 | 2 50 | 4 26 | 0 2 | 18 7 | 1 12 | 22 33 | 0 15 | 9 51 | 2 18 | 20 40 | 0 37 | 4 22 | 1 37 | 24 32 | 9 34 | 21 45 | 21 41 | 17 47 | 18 1 | 4 58 |
| S 21 | 10 42 | 24 46 | 3 39 | 14 10 | 2 37 | 4 57 | 0n 2 | 18 17 | 1 12 | 22 34 | 0 15 | 9 53 | 2 17 | 20 40 | 0 37 | 4 22 | 1 37 | 24 32 | 9 34 | 21 44 | 21 40 | 17 45 | 18 1 | 4 58 |
| S 22 | 10 20 | 22 2 | 4 25 | 14 27 | 2 25 | 5 28 | 0 6 | 18 28 | 1 12 | 22 34 | 0 15 | 9 55 | 2 17 | 20 41 | 0 37 | 4 23 | 1 37 | 24 33 | 9 34 | 21 43 | 21 40 | 17 43 | 18 1 | 4 59 |
| M23 | 9 58 | 17 44 | 4 53 | 14 42 | 2 11 | 5 59 | 0 10 | 18 38 | 1 13 | 22 34 | 0 14 | 9 57 | 2 17 | 20 41 | 0 37 | 4 24 | 1 37 | 24 33 | 9 34 | 21 41 | 21 39 | 17 41 | 18 0 | 5 0 |
| T 24 | 9 36 | 12 14 | 5 0 | 14 56 | 1 58 | 6 30 | 0 14 | 18 48 | 1 13 | 22 35 | 0 14 | 9 59 | 2 17 | 20 41 | 0 37 | 4 25 | 1 37 | 24 34 | 9 34 | 21 39 | 21 39 | 17 39 | 18 0 | 5 0 |
| W25 | 9 14 | 6 2 | 4 45 | 15 8 | 1 45 | 7 1 | 0 18 | 18 58 | 1 13 | 22 35 | 0 14 | 10 1 | 2 17 | 20 42 | 0 37 | 4 25 | 1 37 | 24 34 | 9 34 | 21 37 | 21 38 | 17 36 | 18 0 | 5 1 |
| T 26 | 8 52 | 0n23 | 4 12 | 15 18 | 1 31 | 7 31 | 0 22 | 19 8 | 1 14 | 22 36 | 0 14 | 10 3 | 2 16 | 20 42 | 0 37 | 4 26 | 1 37 | 24 35 | 9 34 | 21 36 | 21 38 | 17 34 | 17 59 | 5 2 |
| F 27 | 8 29 | 6 38 | 3 22 | 15 26 | 1 18 | 8 2 | 0 26 | 19 18 | 1 14 | 22 36 | 0 14 | 10 5 | 2 16 | 20 43 | 0 37 | 4 27 | 1 37 | 24 35 | 9 34 | 21 34 | 21 37 | 17 32 | 17 59 | 5 2 |
| S 28 | 8s 7 | 12n21 | 2s22 | 15s32 | 1n 5 | 8n32 | 0n30 | 19n28 | 1n14 | 22n37 | 0s14 | 10n 7 | 2s16 | 20n43 | 0n37 | 4n28 | 1s37 | 24n35 | 9n34 | 21n34 | 21n37 | 17n30 | 17s58 | 5n 3 |

Julian Day Number = 2343829.5, Delta T = 12.70 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'24, Lahiri = 19°44'25Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## MARCH 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 10 34 14 | 10♓15'31 | 22♉44 | 14♒43 | 21♈48 | 22♉29 | 17♊ 1 | 2♉15 | 0°R17 | 15♈ 8 | 17°R50 | 7°R15 | 7♊31 | 26♌27 | 18♐50 | S 1 |
| M 2 | 10 38 11 | 11°15'36 | 5♊47 | 15°15 | 22°57 | 23° 5 | 17° 4 | 2°21 | 0♌16 | 15° 9 | 17♌49 | 7♊15 | 7°28 | 26°34 | 18°53 | M 2 |
| T 3 | 10 42 7 | 12°15'39 | 18°26 | 15°50 | 24° 7 | 23°41 | 17° 8 | 2°27 | 0°14 | 15°11 | 17°48 | 7°15 | 7°25 | 26°40 | 18°56 | T 3 |
| W 4 | 10 46 4 | 13°15'40 | 0♋47 | 16°30 | 25°16 | 24°17 | 17°12 | 2°33 | 0°12 | 15°13 | 17°46 | 7°14 | 7°21 | 26°47 | 18°58 | W 4 |
| T 5 | 10 50 1 | 14°15'38 | 12°54 | 17°14 | 26°25 | 24°53 | 17°17 | 2°39 | 0°10 | 15°15 | 17°45 | 7°11 | 7°18 | 26°54 | 19° 1 | T 5 |
| F 6 | 10 53 57 | 15°15'34 | 24°51 | 18° 1 | 27°34 | 25°30 | 17°21 | 2°45 | 0° 9 | 15°17 | 17°44 | 7° 5 | 7°15 | 27° 1 | 19° 3 | F 6 |
| S 7 | 10 57 54 | 16°15'29 | 6♌44 | 18°52 | 28°43 | 26° 6 | 17°26 | 2°51 | 0° 7 | 15°19 | 17°42 | 6°57 | 7°12 | 27° 7 | 19° 5 | S 7 |
| S 8 | 11 1 50 | 17°15'20 | 18°35 | 19°46 | 29°51 | 26°42 | 17°31 | 2°57 | 0° 6 | 15°22 | 17°41 | 6°46 | 7° 9 | 27°14 | 19° 8 | S 8 |
| M 9 | 11 5 47 | 18°15'10 | 0♍27 | 20°43 | 1♉ 0 | 27°18 | 17°36 | 3° 3 | 0° 4 | 15°24 | 17°40 | 6°33 | 7° 6 | 27°21 | 19°10 | M 9 |
| T 10 | 11 9 43 | 19°14'58 | 12°21 | 21°43 | 2° 8 | 27°55 | 17°41 | 3° 9 | 0° 3 | 15°26 | 17°39 | 6°18 | 7° 2 | 27°27 | 19°12 | T 10 |
| W11 | 11 13 40 | 20°14'44 | 24°20 | 22°45 | 3°16 | 28°31 | 17°46 | 3°16 | 0° 1 | 15°28 | 17°37 | 6° 4 | 6°59 | 27°34 | 19°14 | W11 |
| T 12 | 11 17 36 | 21°14'27 | 6♎23 | 23°50 | 4°24 | 29° 7 | 17°52 | 3°22 | 29♋59 | 15°30 | 17°36 | 5°52 | 6°56 | 27°41 | 19°15 | T 12 |
| F 13 | 11 21 33 | 22°14'09 | 18°33 | 24°57 | 5°32 | 29°44 | 17°57 | 3°28 | 29°59 | 15°32 | 17°35 | 5°41 | 6°53 | 27°48 | 19°17 | F 13 |
| S 14 | 11 25 29 | 23°13'49 | 0♏51 | 26° 6 | 6°39 | 0♊20 | 18° 3 | 3°35 | 29°57 | 15°34 | 17°34 | 5°34 | 6°50 | 27°54 | 19°19 | S 14 |
| S 15 | 11 29 26 | 24°13'27 | 13°18 | 27°18 | 7°46 | 0°56 | 18° 9 | 3°41 | 29°56 | 15°36 | 17°33 | 5°29 | 6°47 | 28° 1 | 19°20 | S 15 |
| M16 | 11 33 23 | 25°13'04 | 25°58 | 28°31 | 8°53 | 1°33 | 18°15 | 3°48 | 29°55 | 15°38 | 17°32 | 5°27 | 6°43 | 28° 8 | 19°22 | M16 |
| T 17 | 11 37 19 | 26°12'38 | 8♐52 | 29°47 | 10° 0 | 2° 9 | 18°21 | 3°55 | 29°54 | 15°40 | 17°31 | 5°D27 | 6°40 | 28°15 | 19°23 | T 17 |
| W18 | 11 41 16 | 27°12'11 | 22° 5 | 1♓ 4 | 11° 7 | 2°46 | 18°28 | 4° 1 | 29°53 | 15°43 | 17°30 | 5°R27 | 6°37 | 28°21 | 19°24 | W18 |
| T 19 | 11 45 12 | 28°11'42 | 5♑40 | 2°23 | 12°14 | 3°22 | 18°35 | 4° 8 | 29°52 | 15°45 | 17°29 | 5°27 | 6°34 | 28°28 | 19°25 | T 19 |
| F 20 | 11 49 9 | 29°11'12 | 19°38 | 3°44 | 13°20 | 3°59 | 18°41 | 4°15 | 29°51 | 15°47 | 17°27 | 5°25 | 6°31 | 28°35 | 19°26 | F 20 |
| S 21 | 11 53 5 | 0♈10'39 | 3♒59 | 5° 6 | 14°26 | 4°35 | 18°48 | 4°22 | 29°50 | 15°49 | 17°26 | 5°21 | 6°27 | 28°41 | 19°27 | S 21 |
| S 22 | 11 57 2 | 1°10'05 | 18°42 | 6°30 | 15°32 | 5°12 | 18°55 | 4°28 | 29°49 | 15°51 | 17°25 | 5°15 | 6°24 | 28°48 | 19°28 | S 22 |
| M23 | 12 0 58 | 2° 9'29 | 3♓42 | 7°56 | 16°37 | 5°48 | 19° 2 | 4°35 | 29°48 | 15°54 | 17°24 | 5° 6 | 6°21 | 28°55 | 19°29 | M23 |
| T 24 | 12 4 55 | 3° 8'51 | 18°49 | 9°23 | 17°43 | 6°25 | 19°10 | 4°42 | 29°47 | 15°56 | 17°24 | 4°57 | 6°18 | 29° 2 | 19°30 | T 24 |
| W25 | 12 8 52 | 4° 8'11 | 3♈53 | 10°52 | 18°48 | 7° 1 | 19°17 | 4°49 | 29°47 | 15°58 | 17°23 | 4°47 | 6°15 | 29° 8 | 19°30 | W25 |
| T 26 | 12 12 48 | 5° 7'29 | 18°45 | 12°22 | 19°53 | 7°38 | 19°25 | 4°56 | 29°46 | 16° 0 | 17°22 | 4°39 | 6°12 | 29°15 | 19°31 | T 26 |
| F 27 | 12 16 45 | 6° 6'45 | 3♉17 | 13°54 | 20°57 | 8°15 | 19°33 | 5° 3 | 29°45 | 16° 3 | 17°21 | 4°33 | 6° 8 | 29°22 | 19°31 | F 27 |
| S 28 | 12 20 41 | 7° 5'59 | 17°22 | 15°27 | 22° 2 | 8°51 | 19°41 | 5°10 | 29°45 | 16° 5 | 17°20 | 4°30 | 6° 5 | 29°28 | 19°31 | S 28 |
| S 29 | 12 24 38 | 8° 5'10 | 0♊59 | 17° 2 | 23° 6 | 9°28 | 19°49 | 5°17 | 29°44 | 16° 7 | 17°19 | 4°D28 | 6° 2 | 29°35 | 19°31 | S 29 |
| M30 | 12 28 34 | 9° 4'19 | 14° 9 | 18°38 | 24° 9 | 10° 5 | 19°57 | 5°25 | 29°44 | 16° 9 | 17°18 | 4°29 | 5°59 | 29°42 | 19°R31 | M30 |
| T 31 | 12 32 31 | 10♈ 3'26 | 26♊54 | 20♓15 | 25♉13 | 10♊42 | 20♊ 5 | 5♉32 | 29♋43 | 16♈12 | 17♌18 | 4♊29 | 5♊56 | 29♌49 | 19♐31 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7s44 | 17n16 | 1s16 | 15s37 | 0n52 | 9n 2 | 0n34 | 19n38 | 1n15 | 22n37 | 0s13 | 10n 9 | 2s16 | 20n43 | 0n37 | 4n28 | 1s37 | 24n36 | 9n34 | 21n33 | 21n36 | 17n28 | 17s58 | 5n 4 |
| M 2 | 7 21 | 21 11 | 0 8 | 15 40 | 0 39 | 9 32 | 0 38 | 19 47 | 1 15 | 22 38 | 0 13 | 10 11 | 2 15 | 20 44 | 0 37 | 4 29 | 1 37 | 24 36 | 9 34 | 21 33 | 21 35 | 17 26 | 17 58 | 5 4 |
| T 3 | 6 58 | 23 57 | 0n59 | 15 41 | 0 27 | 10 1 | 0 42 | 19 56 | 1 15 | 22 38 | 0 13 | 10 14 | 2 15 | 20 44 | 0 37 | 4 30 | 1 37 | 24 37 | 9 34 | 21 33 | 21 35 | 17 23 | 17 57 | 5 5 |
| W 4 | 6 35 | 25 29 | 2 1 | 15 41 | 0 15 | 10 31 | 0 46 | 20 6 | 1 16 | 22 39 | 0 13 | 10 16 | 2 15 | 20 44 | 0 37 | 4 31 | 1 37 | 24 37 | 9 34 | 21 33 | 21 34 | 17 21 | 17 57 | 5 6 |
| T 5 | 6 12 | 25 47 | 2 56 | 15 38 | 0 4 | 11 0 | 0 51 | 20 15 | 1 16 | 22 39 | 0 13 | 10 18 | 2 15 | 20 45 | 0 37 | 4 32 | 1 37 | 24 37 | 9 34 | 21 33 | 21 34 | 17 19 | 17 56 | 5 6 |
| F 6 | 5 49 | 24 51 | 3 43 | 15 34 | 0s 8 | 11 29 | 0 55 | 20 24 | 1 16 | 22 40 | 0 13 | 10 20 | 2 15 | 20 45 | 0 37 | 4 32 | 1 37 | 24 38 | 9 34 | 21 32 | 21 33 | 17 17 | 17 56 | 5 7 |
| S 7 | 5 26 | 22 48 | 4 20 | 15 29 | 0 18 | 11 57 | 0 59 | 20 33 | 1 16 | 22 41 | 0 12 | 10 22 | 2 14 | 20 45 | 0 37 | 4 33 | 1 37 | 24 38 | 9 34 | 21 30 | 21 33 | 17 15 | 17 55 | 5 8 |
| S 8 | 5 3 | 19 48 | 4 45 | 15 22 | 0 29 | 12 26 | 1 3 | 20 42 | 1 17 | 22 41 | 0 12 | 10 25 | 2 14 | 20 46 | 0 37 | 4 34 | 1 37 | 24 38 | 9 34 | 21 28 | 21 32 | 17 12 | 17 55 | 5 8 |
| M 9 | 4 39 | 15 58 | 4 58 | 15 13 | 0 39 | 12 54 | 1 8 | 20 50 | 1 17 | 22 42 | 0 12 | 10 27 | 2 14 | 20 46 | 0 37 | 4 35 | 1 37 | 24 39 | 9 34 | 21 26 | 21 32 | 17 10 | 17 54 | 5 9 |
| T 10 | 4 16 | 11 31 | 4 58 | 15 3 | 0 48 | 13 21 | 1 12 | 20 59 | 1 17 | 22 42 | 0 12 | 10 29 | 2 14 | 20 46 | 0 37 | 4 36 | 1 37 | 24 39 | 9 34 | 21 24 | 21 31 | 17 8 | 17 54 | 5 10 |
| W11 | 3 52 | 6 37 | 4 45 | 14 51 | 0 57 | 13 49 | 1 16 | 21 7 | 1 17 | 22 43 | 0 12 | 10 32 | 2 14 | 20 47 | 0 37 | 4 36 | 1 37 | 24 39 | 9 34 | 21 21 | 21 31 | 17 6 | 17 53 | 5 10 |
| T 12 | 3 29 | 1 25 | 4 19 | 14 38 | 1 6 | 14 16 | 1 20 | 21 15 | 1 18 | 22 44 | 0 12 | 10 34 | 2 14 | 20 47 | 0 37 | 4 37 | 1 37 | 24 40 | 9 34 | 21 19 | 21 30 | 17 4 | 17 53 | 5 11 |
| F 13 | 3 5 | 3s52 | 3 41 | 14 23 | 1 14 | 14 43 | 1 25 | 21 24 | 1 18 | 22 44 | 0 12 | 10 36 | 2 13 | 20 47 | 0 37 | 4 38 | 1 37 | 24 40 | 9 34 | 21 17 | 21 30 | 17 1 | 17 52 | 5 12 |
| S 14 | 2 41 | 9 6 | 2 52 | 14 7 | 1 22 | 15 10 | 1 29 | 21 31 | 1 18 | 22 45 | 0 11 | 10 39 | 2 13 | 20 47 | 0 37 | 4 39 | 1 37 | 24 40 | 9 33 | 21 16 | 21 29 | 16 59 | 17 52 | 5 12 |
| S 15 | 2 18 | 14 2 | 1 55 | 13 49 | 1 29 | 15 36 | 1 33 | 21 39 | 1 18 | 22 46 | 0 11 | 10 41 | 2 13 | 20 48 | 0 37 | 4 40 | 1 37 | 24 40 | 9 33 | 21 15 | 21 29 | 16 57 | 17 51 | 5 13 |
| M16 | 1 54 | 18 28 | 0 50 | 13 30 | 1 36 | 16 2 | 1 38 | 21 47 | 1 18 | 22 46 | 0 11 | 10 43 | 2 13 | 20 48 | 0 37 | 4 41 | 1 37 | 24 41 | 9 33 | 21 15 | 21 28 | 16 55 | 17 50 | 5 14 |
| T 17 | 1 31 | 22 7 | 0s18 | 13 10 | 1 42 | 16 27 | 1 42 | 21 55 | 1 19 | 22 47 | 0 11 | 10 46 | 2 13 | 20 48 | 0 37 | 4 41 | 1 37 | 24 41 | 9 33 | 21 15 | 21 28 | 16 52 | 17 50 | 5 14 |
| W18 | 1 7 | 24 42 | 1 27 | 12 48 | 1 48 | 16 52 | 1 46 | 22 2 | 1 19 | 22 48 | 0 11 | 10 48 | 2 13 | 20 48 | 0 37 | 4 42 | 1 37 | 24 41 | 9 33 | 21 15 | 21 27 | 16 50 | 17 49 | 5 15 |
| T 19 | 0 43 | 25 55 | 2 33 | 12 25 | 1 54 | 17 17 | 1 50 | 22 9 | 1 19 | 22 49 | 0 11 | 10 50 | 2 12 | 20 49 | 0 37 | 4 43 | 1 37 | 24 41 | 9 33 | 21 15 | 21 26 | 16 48 | 17 49 | 5 16 |
| F 20 | 0 19 | 25 32 | 3 32 | 12 0 | 1 59 | 17 41 | 1 55 | 22 16 | 1 19 | 22 49 | 0 11 | 10 53 | 2 12 | 20 49 | 0 37 | 4 44 | 1 37 | 24 42 | 9 33 | 21 15 | 21 26 | 16 46 | 17 48 | 5 16 |
| S 21 | 0n 4 | 23 29 | 4 19 | 11 34 | 2 3 | 18 5 | 1 59 | 22 23 | 1 19 | 22 50 | 0 10 | 10 55 | 2 12 | 20 49 | 0 37 | 4 45 | 1 37 | 24 42 | 9 33 | 21 14 | 21 25 | 16 43 | 17 48 | 5 17 |
| S 22 | 0 28 | 19 51 | 4 51 | 11 7 | 2 8 | 18 29 | 2 3 | 22 30 | 1 19 | 22 51 | 0 10 | 10 58 | 2 12 | 20 49 | 0 36 | 4 46 | 1 37 | 24 42 | 9 33 | 21 13 | 21 25 | 16 41 | 17 47 | 5 18 |
| M23 | 0 52 | 14 52 | 5 3 | 10 38 | 2 11 | 18 52 | 2 7 | 22 37 | 1 20 | 22 51 | 0 10 | 11 0 | 2 12 | 20 49 | 0 36 | 4 47 | 1 37 | 24 42 | 9 33 | 21 11 | 21 24 | 16 39 | 17 46 | 5 18 |
| T 24 | 1 15 | 8 57 | 4 55 | 10 8 | 2 15 | 19 14 | 2 11 | 22 43 | 1 20 | 22 52 | 0 10 | 11 3 | 2 12 | 20 49 | 0 36 | 4 47 | 1 37 | 24 43 | 9 32 | 21 9 | 21 24 | 16 37 | 17 46 | 5 19 |
| W25 | 1 39 | 2 31 | 4 25 | 9 37 | 2 17 | 19 37 | 2 15 | 22 50 | 1 20 | 22 53 | 0 10 | 11 5 | 2 11 | 20 49 | 0 36 | 4 48 | 1 37 | 24 43 | 9 32 | 21 8 | 21 23 | 16 34 | 17 45 | 5 20 |
| T 26 | 2 2 | 3n59 | 3 39 | 9 5 | 2 20 | 19 59 | 2 20 | 22 56 | 1 20 | 22 54 | 0 10 | 11 8 | 2 11 | 20 50 | 0 36 | 4 49 | 1 37 | 24 43 | 9 32 | 21 6 | 21 23 | 16 32 | 17 44 | 5 20 |
| F 27 | 2 26 | 10 9 | 2 39 | 8 31 | 2 22 | 20 20 | 2 24 | 23 2 | 1 20 | 22 54 | 0 10 | 11 10 | 2 11 | 20 50 | 0 36 | 4 50 | 1 37 | 24 43 | 9 32 | 21 5 | 21 22 | 16 30 | 17 44 | 5 21 |
| S 28 | 2 49 | 15 36 | 1 30 | 7 56 | 2 23 | 20 41 | 2 28 | 23 8 | 1 20 | 22 55 | 0 9 | 11 13 | 2 11 | 20 50 | 0 36 | 4 51 | 1 37 | 24 43 | 9 32 | 21 4 | 21 22 | 16 27 | 17 43 | 5 22 |
| S 29 | 3 13 | 20 5 | 0 19 | 7 20 | 2 24 | 21 1 | 2 32 | 23 14 | 1 20 | 22 56 | 0 9 | 11 15 | 2 11 | 20 50 | 0 36 | 4 52 | 1 37 | 24 43 | 9 32 | 21 4 | 21 21 | 16 25 | 17 42 | 5 22 |
| M30 | 3 36 | 23 23 | 0n52 | 6 43 | 2 24 | 21 21 | 2 36 | 23 19 | 1 20 | 22 57 | 0 9 | 11 17 | 2 11 | 20 50 | 0 36 | 4 53 | 1 37 | 24 43 | 9 32 | 21 4 | 21 20 | 16 23 | 17 42 | 5 23 |
| T 31 | 3n59 | 25n24 | 1n57 | 6s 5 | 2s24 | 21n41 | 2n39 | 23n25 | 1n21 | 22n58 | 0s 9 | 11n20 | 2s11 | 20n50 | 0n36 | 4n53 | 1s37 | 24n44 | 9n31 | 21n 4 | 21n20 | 16n20 | 17s41 | 5n24 |

Julian Day Number = 2343857.5, Delta T = 12.68 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'28, Lahiri = 19°44'29Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## APRIL 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 12 36 27 | 11♈ 2'31 | 9♋19 | 21♓54 | 26♉16 | 11♊18 | 20♊13 | 5♉39 | 29°R43 | 16♈14 | 17°R17 | 4°R30 | 5♊53 | 29♌55 | 19°R31 | W 1 |
| T 2 | 12 40 24 | 12° 1'33 | 21°28 | 23°35 | 27°19 | 11°55 | 20°22 | 5°46 | 29♋43 | 16°16 | 17♌16 | 4♊30 | 5°49 | 0♍ 2 | 19♐31 | T 2 |
| F 3 | 12 44 21 | 13° 0'33 | 3♌26 | 25°17 | 28°21 | 12°32 | 20°31 | 5°54 | 29°42 | 16°18 | 17°15 | 4°27 | 5°46 | 0° 9 | 19°30 | F 3 |
| S 4 | 12 48 17 | 13°59'31 | 15°19 | 27° 0 | 29°24 | 13° 9 | 20°40 | 6° 1 | 29°42 | 16°21 | 17°15 | 4°23 | 5°43 | 0°16 | 19°30 | S 4 |
| S 5 | 12 52 14 | 14°58'26 | 27°10 | 28°45 | 0♊25 | 13°45 | 20°48 | 6° 8 | 29°42 | 16°23 | 17°14 | 4°16 | 5°40 | 0°22 | 19°30 | S 5 |
| M 6 | 12 56 10 | 15°57'19 | 9♍ 3 | 0♈31 | 1°27 | 14°22 | 20°57 | 6°16 | 29°42 | 16°25 | 17°13 | 4° 8 | 5°37 | 0°29 | 19°29 | M 6 |
| T 7 | 13 0 7 | 16°56'10 | 21° 1 | 2°19 | 2°28 | 14°59 | 21° 7 | 6°23 | 29°D42 | 16°27 | 17°13 | 3°59 | 5°33 | 0°36 | 19°28 | T 7 |
| W 8 | 13 4 3 | 17°54'59 | 3♎ 6 | 4° 9 | 3°29 | 15°36 | 21°16 | 6°31 | 29°42 | 16°30 | 17°12 | 3°50 | 5°30 | 0°42 | 19°27 | W 8 |
| T 9 | 13 8 0 | 18°53'45 | 15°19 | 5°59 | 4°29 | 16°13 | 21°25 | 6°38 | 29°42 | 16°32 | 17°11 | 3°42 | 5°27 | 0°49 | 19°26 | T 9 |
| F 10 | 13 11 56 | 19°52'30 | 27°42 | 7°52 | 5°29 | 16°49 | 21°35 | 6°46 | 29°42 | 16°34 | 17°11 | 3°36 | 5°24 | 0°56 | 19°25 | F 10 |
| S 11 | 13 15 53 | 20°51'13 | 10♏15 | 9°46 | 6°29 | 17°26 | 21°44 | 6°53 | 29°42 | 16°36 | 17°10 | 3°31 | 5°21 | 1° 3 | 19°24 | S 11 |
| S 12 | 13 19 50 | 21°49'54 | 22°58 | 11°41 | 7°28 | 18° 3 | 21°54 | 7° 1 | 29°43 | 16°39 | 17°10 | 3°29 | 5°18 | 1° 9 | 19°23 | S 12 |
| M13 | 13 23 46 | 22°48'33 | 5♐54 | 13°38 | 8°26 | 18°40 | 22° 4 | 7° 8 | 29°43 | 16°41 | 17° 9 | 3°D28 | 5°14 | 1°16 | 19°22 | M13 |
| T 14 | 13 27 43 | 23°47'10 | 19° 2 | 15°37 | 9°25 | 19°17 | 22°14 | 7°16 | 29°43 | 16°43 | 17° 9 | 3°29 | 5°11 | 1°23 | 19°21 | T 14 |
| W15 | 13 31 39 | 24°45'46 | 2♑25 | 17°37 | 10°22 | 19°54 | 22°24 | 7°23 | 29°44 | 16°45 | 17° 9 | 3°31 | 5° 8 | 1°29 | 19°19 | W15 |
| T 16 | 13 35 36 | 25°44'20 | 16° 4 | 19°38 | 11°20 | 20°30 | 22°34 | 7°31 | 29°44 | 16°48 | 17° 8 | 3°32 | 5° 5 | 1°36 | 19°18 | T 16 |
| F 17 | 13 39 32 | 26°42'52 | 29°58 | 21°41 | 12°17 | 21° 7 | 22°44 | 7°38 | 29°45 | 16°50 | 17° 8 | 3°R32 | 5° 2 | 1°43 | 19°16 | F 17 |
| S 18 | 13 43 29 | 27°41'23 | 14♒ 9 | 23°45 | 13°13 | 21°44 | 22°54 | 7°46 | 29°45 | 16°52 | 17° 8 | 3°31 | 4°58 | 1°50 | 19°14 | S 18 |
| S 19 | 13 47 25 | 28°39'52 | 28°35 | 25°50 | 14° 9 | 22°21 | 23° 5 | 7°54 | 29°46 | 16°54 | 17° 7 | 3°28 | 4°55 | 1°56 | 19°12 | S 19 |
| M20 | 13 51 22 | 29°38'20 | 13♓11 | 27°56 | 15° 4 | 22°58 | 23°15 | 8° 1 | 29°46 | 16°57 | 17° 7 | 3°24 | 4°52 | 2° 3 | 19°10 | M20 |
| T 21 | 13 55 19 | 0♉36'45 | 27°53 | 0♉ 4 | 15°59 | 23°35 | 23°26 | 8° 9 | 29°47 | 16°59 | 17° 7 | 3°20 | 4°49 | 2°10 | 19° 8 | T 21 |
| W22 | 13 59 15 | 1°35'09 | 12♈33 | 2°12 | 16°53 | 24°12 | 23°37 | 8°17 | 29°48 | 17° 1 | 17° 7 | 3°15 | 4°46 | 2°17 | 19° 6 | W22 |
| T 23 | 14 3 12 | 2°33'32 | 27° 6 | 4°20 | 17°46 | 24°49 | 23°47 | 8°24 | 29°49 | 17° 3 | 17° 6 | 3°11 | 4°43 | 2°23 | 19° 4 | T 23 |
| F 24 | 14 7 8 | 3°31'52 | 11♉23 | 6°29 | 18°39 | 25°26 | 23°58 | 8°32 | 29°50 | 17° 6 | 17° 6 | 3° 8 | 4°39 | 2°30 | 19° 2 | F 24 |
| S 25 | 14 11 5 | 4°30'11 | 25°20 | 8°38 | 19°31 | 26° 3 | 24° 9 | 8°40 | 29°51 | 17° 8 | 17° 6 | 3° 7 | 4°36 | 2°37 | 19° 0 | S 25 |
| S 26 | 14 15 1 | 5°28'28 | 8♊54 | 10°47 | 20°23 | 26°40 | 24°20 | 8°47 | 29°52 | 17°10 | 17° 6 | 3°D 6 | 4°33 | 2°43 | 18°57 | S 26 |
| M27 | 14 18 58 | 6°26'43 | 22° 4 | 12°56 | 21°14 | 27°17 | 24°32 | 8°55 | 29°53 | 17°12 | 17° 6 | 3° 7 | 4°30 | 2°50 | 18°55 | M27 |
| T 28 | 14 22 54 | 7°24'56 | 4♋52 | 15° 3 | 22° 4 | 27°54 | 24°43 | 9° 3 | 29°54 | 17°14 | 17° 6 | 3° 9 | 4°27 | 2°57 | 18°52 | T 28 |
| W29 | 14 26 51 | 8°23'07 | 17°21 | 17°10 | 22°53 | 28°31 | 24°54 | 9°11 | 29°55 | 17°16 | 17°D 6 | 3°11 | 4°24 | 3° 4 | 18°50 | W29 |
| T 30 | 14 30 48 | 9♉21'16 | 29♋33 | 19♉15 | 23♊42 | 29♊ 8 | 25♊ 5 | 9♉18 | 29♋56 | 17♈19 | 17♌ 6 | 3♊12 | 4♊20 | 3♍10 | 18♐47 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 4n23 | 26n 4 | 2n56 | 5s25 | 2s24 | 22n 0 | 2n43 | 23n30 | 1n21 | 22n58 | 0s 9 | 11n22 | 2s11 | 20n50 | 0n36 | 4n54 | 1s37 | 24n44 | 9n31 | 21n 5 | 21n19 | 16n18 | 17s40 | 5n24 |
| T 2 | 4 46 | 25 28 | 3 45 | 4 44 | 2 23 | 22 18 | 2 47 | 23 35 | 1 21 | 22 59 | 0 9 | 11 25 | 2 10 | 20 50 | 0 36 | 4 55 | 1 37 | 24 44 | 9 31 | 21 4 | 21 19 | 16 16 | 17 40 | 5 25 |
| F 3 | 5 9 | 23 41 | 4 23 | 4 2 | 2 21 | 22 36 | 2 51 | 23 40 | 1 21 | 23 0 | 0 9 | 11 28 | 2 10 | 20 50 | 0 36 | 4 56 | 1 37 | 24 44 | 9 31 | 21 4 | 21 18 | 16 13 | 17 39 | 5 26 |
| S 4 | 5 32 | 20 53 | 4 50 | 3 19 | 2 19 | 22 53 | 2 54 | 23 45 | 1 21 | 23 1 | 0 8 | 11 30 | 2 10 | 20 50 | 0 36 | 4 57 | 1 37 | 24 44 | 9 31 | 21 3 | 21 18 | 16 11 | 17 38 | 5 26 |
| S 5 | 5 55 | 17 14 | 5 4 | 2 35 | 2 16 | 23 10 | 2 58 | 23 50 | 1 21 | 23 1 | 0 8 | 11 33 | 2 10 | 20 50 | 0 36 | 4 58 | 1 37 | 24 44 | 9 31 | 21 2 | 21 17 | 16 9 | 17 38 | 5 27 |
| M 6 | 6 17 | 12 54 | 5 5 | 1 50 | 2 13 | 23 27 | 3 2 | 23 54 | 1 21 | 23 2 | 0 8 | 11 35 | 2 10 | 20 50 | 0 36 | 4 59 | 1 37 | 24 44 | 9 31 | 21 0 | 21 17 | 16 6 | 17 37 | 5 28 |
| T 7 | 6 40 | 8 3 | 4 53 | 1 4 | 2 10 | 23 43 | 3 5 | 23 59 | 1 21 | 23 3 | 0 8 | 11 38 | 2 10 | 20 50 | 0 36 | 5 0 | 1 37 | 24 44 | 9 30 | 20 59 | 21 16 | 16 4 | 17 36 | 5 28 |
| W 8 | 7 2 | 2 52 | 4 28 | 0 17 | 2 6 | 23 58 | 3 8 | 24 3 | 1 21 | 23 4 | 0 8 | 11 40 | 2 10 | 20 50 | 0 36 | 5 0 | 1 37 | 24 44 | 9 30 | 20 57 | 21 15 | 16 2 | 17 35 | 5 29 |
| T 9 | 7 25 | 2s30 | 3 50 | 0n32 | 2 1 | 24 13 | 3 12 | 24 7 | 1 21 | 23 4 | 0 8 | 11 43 | 2 10 | 20 50 | 0 36 | 5 1 | 1 37 | 24 44 | 9 30 | 20 56 | 21 15 | 15 59 | 17 35 | 5 30 |
| F 10 | 7 47 | 7 51 | 3 1 | 1 21 | 1 56 | 24 27 | 3 15 | 24 10 | 1 21 | 23 5 | 0 8 | 11 45 | 2 10 | 20 50 | 0 36 | 5 2 | 1 37 | 24 44 | 9 30 | 20 54 | 21 14 | 15 57 | 17 34 | 5 30 |
| S 11 | 8 9 | 12 59 | 2 2 | 2 11 | 1 51 | 24 41 | 3 18 | 24 14 | 1 21 | 23 6 | 0 8 | 11 48 | 2 10 | 20 50 | 0 36 | 5 3 | 1 37 | 24 44 | 9 30 | 20 54 | 21 14 | 15 55 | 17 33 | 5 31 |
| S 12 | 8 31 | 17 38 | 0 57 | 3 2 | 1 45 | 24 54 | 3 21 | 24 18 | 1 21 | 23 6 | 0 7 | 11 50 | 2 9 | 20 50 | 0 36 | 5 4 | 1 37 | 24 44 | 9 30 | 20 53 | 21 13 | 15 52 | 17 32 | 5 32 |
| M13 | 8 53 | 21 33 | 0s13 | 3 53 | 1 38 | 25 6 | 3 24 | 24 21 | 1 21 | 23 7 | 0 7 | 11 53 | 2 9 | 20 50 | 0 36 | 5 5 | 1 37 | 24 44 | 9 29 | 20 53 | 21 13 | 15 50 | 17 32 | 5 32 |
| T 14 | 9 15 | 24 25 | 1 24 | 4 45 | 1 31 | 25 18 | 3 27 | 24 24 | 1 22 | 23 8 | 0 7 | 11 55 | 2 9 | 20 50 | 0 36 | 5 6 | 1 37 | 24 44 | 9 29 | 20 53 | 21 12 | 15 48 | 17 31 | 5 33 |
| W15 | 9 36 | 25 58 | 2 31 | 5 38 | 1 23 | 25 30 | 3 30 | 24 27 | 1 22 | 23 9 | 0 7 | 11 58 | 2 9 | 20 50 | 0 36 | 5 6 | 1 37 | 24 44 | 9 29 | 20 53 | 21 11 | 15 45 | 17 30 | 5 34 |
| T 16 | 9 58 | 26 0 | 3 31 | 6 32 | 1 15 | 25 41 | 3 32 | 24 30 | 1 22 | 23 9 | 0 7 | 12 0 | 2 9 | 20 49 | 0 36 | 5 7 | 1 37 | 24 44 | 9 29 | 20 54 | 21 11 | 15 43 | 17 30 | 5 34 |
| F 17 | 10 19 | 24 25 | 4 20 | 7 26 | 1 7 | 25 51 | 3 35 | 24 32 | 1 22 | 23 10 | 0 7 | 12 3 | 2 9 | 20 49 | 0 36 | 5 8 | 1 37 | 24 44 | 9 29 | 20 54 | 21 10 | 15 40 | 17 29 | 5 35 |
| S 18 | 10 40 | 21 17 | 4 54 | 8 20 | 0 58 | 26 1 | 3 37 | 24 35 | 1 22 | 23 11 | 0 7 | 12 5 | 2 9 | 20 49 | 0 36 | 5 9 | 1 37 | 24 44 | 9 28 | 20 54 | 21 10 | 15 38 | 17 28 | 5 36 |
| S 19 | 11 1 | 16 50 | 5 10 | 9 15 | 0 49 | 26 10 | 3 40 | 24 37 | 1 22 | 23 11 | 0 7 | 12 8 | 2 9 | 20 49 | 0 36 | 5 10 | 1 37 | 24 44 | 9 28 | 20 53 | 21 9 | 15 36 | 17 27 | 5 36 |
| M20 | 11 22 | 11 20 | 5 7 | 10 9 | 0 39 | 26 19 | 3 42 | 24 39 | 1 22 | 23 12 | 0 6 | 12 10 | 2 9 | 20 49 | 0 36 | 5 11 | 1 37 | 24 44 | 9 28 | 20 52 | 21 9 | 15 33 | 17 26 | 5 37 |
| T 21 | 11 42 | 5 10 | 4 43 | 11 3 | 0 29 | 26 27 | 3 44 | 24 41 | 1 22 | 23 13 | 0 6 | 12 13 | 2 9 | 20 49 | 0 36 | 5 12 | 1 37 | 24 44 | 9 28 | 20 51 | 21 8 | 15 31 | 17 26 | 5 37 |
| W22 | 12 3 | 1n16 | 4 1 | 11 58 | 0 19 | 26 35 | 3 46 | 24 43 | 1 22 | 23 13 | 0 6 | 12 15 | 2 9 | 20 48 | 0 36 | 5 12 | 1 37 | 24 43 | 9 28 | 20 50 | 21 7 | 15 28 | 17 25 | 5 38 |
| T 23 | 12 23 | 7 35 | 3 4 | 12 51 | 0 8 | 26 42 | 3 48 | 24 44 | 1 22 | 23 14 | 0 6 | 12 18 | 2 9 | 20 48 | 0 36 | 5 13 | 1 37 | 24 43 | 9 28 | 20 50 | 21 7 | 15 26 | 17 24 | 5 39 |
| F 24 | 12 43 | 13 26 | 1 56 | 13 44 | 0n 2 | 26 48 | 3 50 | 24 46 | 1 22 | 23 15 | 0 6 | 12 20 | 2 9 | 20 48 | 0 36 | 5 14 | 1 37 | 24 43 | 9 27 | 20 49 | 21 6 | 15 24 | 17 23 | 5 39 |
| S 25 | 13 3 | 18 26 | 0 42 | 14 36 | 0 13 | 26 54 | 3 51 | 24 47 | 1 22 | 23 15 | 0 6 | 12 23 | 2 9 | 20 48 | 0 36 | 5 15 | 1 37 | 24 43 | 9 27 | 20 49 | 21 6 | 15 21 | 17 23 | 5 40 |
| S 26 | 13 22 | 22 21 | 0n32 | 15 27 | 0 24 | 27 0 | 3 52 | 24 48 | 1 22 | 23 16 | 0 6 | 12 25 | 2 9 | 20 48 | 0 36 | 5 16 | 1 37 | 24 43 | 9 27 | 20 49 | 21 5 | 15 19 | 17 22 | 5 40 |
| M27 | 13 41 | 24 56 | 1 42 | 16 17 | 0 34 | 27 4 | 3 54 | 24 49 | 1 22 | 23 16 | 0 6 | 12 28 | 2 9 | 20 47 | 0 36 | 5 16 | 1 37 | 24 43 | 9 27 | 20 49 | 21 5 | 15 16 | 17 21 | 5 41 |
| T 28 | 14 1 | 26 9 | 2 45 | 17 5 | 0 45 | 27 9 | 3 55 | 24 49 | 1 22 | 23 17 | 0 5 | 12 30 | 2 8 | 20 47 | 0 36 | 5 17 | 1 37 | 24 43 | 9 27 | 20 49 | 21 4 | 15 14 | 17 20 | 5 41 |
| W29 | 14 19 | 25 59 | 3 39 | 17 52 | 0 55 | 27 13 | 3 56 | 24 50 | 1 22 | 23 17 | 0 5 | 12 33 | 2 8 | 20 47 | 0 36 | 5 18 | 1 37 | 24 42 | 9 26 | 20 50 | 21 3 | 15 11 | 17 20 | 5 42 |
| T 30 | 14n38 | 24n33 | 4n22 | 18n37 | 1n 5 | 27n16 | 3n56 | 24n50 | 1n22 | 23n18 | 0s 5 | 12n35 | 2s 8 | 20n47 | 0n35 | 5n19 | 1s37 | 24n42 | 9n26 | 20n50 | 21n 3 | 15n 9 | 17s19 | 5n43 |

Julian Day Number = 2343888.5, Delta T = 12.66 sec
Ecliptic obliquity = 23°28'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'32, Lahiri = 19°44'33Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## MAY 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 14 34 44 | 10♉19'24 | 11♌34 | 21♉19 | 24♊30 | 29♊45 | 25♊17 | 9♉26 | 29♋57 | 17♈21 | 17♌ 6 | 3°R12 | 4♊17 | 3♍17 | 18°R44 | F 1 |
| S 2 | 14 38 41 | 11°17'29 | 23°29 | 23°20 | 25°17 | 0♋22 | 25°28 | 9°34 | 29°59 | 17°23 | 17° 6 | 3♊12 | 4°14 | 3°24 | 18♐41 | S 2 |
| S 3 | 14 42 37 | 12°15'32 | 5♍22 | 25°20 | 26° 3 | 0°59 | 25°40 | 9°41 | 29°59 | 17°25 | 17° 6 | 3°10 | 4°11 | 3°31 | 18°39 | S 3 |
| M 4 | 14 46 34 | 13°13'33 | 17°17 | 27°17 | 26°48 | 1°36 | 25°52 | 9°49 | 0♌ 1 | 17°27 | 17° 6 | 3° 8 | 4° 8 | 3°37 | 18°36 | M 4 |
| T 5 | 14 50 30 | 14°11'32 | 29°18 | 29°11 | 27°33 | 2°13 | 26° 3 | 9°57 | 0° 3 | 17°29 | 17° 6 | 3° 5 | 4° 4 | 3°44 | 18°33 | T 5 |
| W 6 | 14 54 27 | 15° 9'30 | 11♎29 | 1♊ 3 | 28°16 | 2°50 | 26°15 | 10° 4 | 0° 4 | 17°31 | 17° 7 | 3° 2 | 4° 1 | 3°51 | 18°29 | W 6 |
| T 7 | 14 58 23 | 16° 7'26 | 23°51 | 2°51 | 28°58 | 3°27 | 26°27 | 10°12 | 0° 6 | 17°33 | 17° 7 | 2°59 | 3°58 | 3°57 | 18°26 | T 7 |
| F 8 | 15 2 20 | 17° 5'20 | 6♏27 | 4°37 | 29°40 | 4° 4 | 26°39 | 10°20 | 0° 7 | 17°35 | 17° 7 | 2°57 | 3°55 | 4° 4 | 18°23 | F 8 |
| S 9 | 15 6 16 | 18° 3'12 | 19°17 | 6°19 | 0♋20 | 4°41 | 26°51 | 10°28 | 0° 9 | 17°37 | 17° 7 | 2°56 | 3°52 | 4°11 | 18°20 | S 9 |
| S 10 | 15 10 13 | 19° 1'04 | 2♐22 | 7°58 | 0°59 | 5°18 | 27° 3 | 10°35 | 0°11 | 17°39 | 17° 8 | 2°D56 | 3°49 | 4°18 | 18°16 | S 10 |
| M11 | 15 14 10 | 19°58'53 | 15°40 | 9°34 | 1°37 | 5°55 | 27°15 | 10°43 | 0°12 | 17°41 | 17° 8 | 2°56 | 3°45 | 4°24 | 18°13 | M11 |
| T 12 | 15 18 6 | 20°56'42 | 29°12 | 11° 6 | 2°13 | 6°32 | 27°27 | 10°50 | 0°14 | 17°43 | 17° 8 | 2°57 | 3°42 | 4°31 | 18°10 | T 12 |
| W13 | 15 22 3 | 21°54'29 | 12♑55 | 12°35 | 2°49 | 7° 9 | 27°40 | 10°58 | 0°16 | 17°45 | 17° 9 | 2°58 | 3°39 | 4°38 | 18° 6 | W13 |
| T 14 | 15 25 59 | 22°52'15 | 26°49 | 14° 0 | 3°23 | 7°46 | 27°52 | 11° 6 | 0°18 | 17°47 | 17° 9 | 2°59 | 3°36 | 4°44 | 18° 2 | T 14 |
| F 15 | 15 29 56 | 23°50'00 | 10♒53 | 15°21 | 3°55 | 8°23 | 28° 4 | 11°13 | 0°20 | 17°49 | 17° 9 | 2°59 | 3°33 | 4°51 | 17°59 | F 15 |
| S 16 | 15 33 52 | 24°47'44 | 25° 3 | 16°39 | 4°27 | 9° 0 | 28°17 | 11°21 | 0°22 | 17°51 | 17°10 | 2°R59 | 3°30 | 4°58 | 17°55 | S 16 |
| S 17 | 15 37 49 | 25°45'26 | 9♓19 | 17°53 | 4°57 | 9°37 | 28°29 | 11°28 | 0°24 | 17°53 | 17°10 | 2°59 | 3°26 | 5° 5 | 17°52 | S 17 |
| M18 | 15 41 46 | 26°43'08 | 23°36 | 19° 4 | 5°25 | 10°14 | 28°42 | 11°36 | 0°26 | 17°55 | 17°11 | 2°59 | 3°23 | 5°11 | 17°48 | M18 |
| T 19 | 15 45 42 | 27°40'48 | 7♈54 | 20°10 | 5°52 | 10°51 | 28°54 | 11°44 | 0°28 | 17°57 | 17°11 | 2°58 | 3°20 | 5°18 | 17°44 | T 19 |
| W20 | 15 49 39 | 28°38'28 | 22° 6 | 21°13 | 6°17 | 11°29 | 29° 7 | 11°51 | 0°30 | 17°58 | 17°12 | 2°58 | 3°17 | 5°25 | 17°40 | W20 |
| T 21 | 15 53 35 | 29°36'06 | 6♉11 | 22°11 | 6°40 | 12° 6 | 29°19 | 11°59 | 0°32 | 18° 0 | 17°13 | 2°57 | 3°14 | 5°32 | 17°36 | T 21 |
| F 22 | 15 57 32 | 0♊33'44 | 20° 3 | 23° 6 | 7° 2 | 12°43 | 29°32 | 12° 6 | 0°34 | 18° 2 | 17°13 | 2°57 | 3°10 | 5°38 | 17°32 | F 22 |
| S 23 | 16 1 28 | 1°31'20 | 3♊40 | 23°57 | 7°22 | 13°20 | 29°45 | 12°13 | 0°37 | 18° 4 | 17°14 | 2°D57 | 3° 7 | 5°45 | 17°28 | S 23 |
| S 24 | 16 5 25 | 2°28'55 | 17° 1 | 24°43 | 7°40 | 13°57 | 29°58 | 12°21 | 0°39 | 18° 5 | 17°15 | 2°R57 | 3° 4 | 5°52 | 17°25 | S 24 |
| M25 | 16 9 21 | 3°26'29 | 0♋ 3 | 25°25 | 7°56 | 14°34 | 0♋11 | 12°28 | 0°41 | 18° 7 | 17°15 | 2°57 | 3° 1 | 5°58 | 17°21 | M25 |
| T 26 | 16 13 18 | 4°24'02 | 12°46 | 26° 3 | 8°11 | 15°11 | 0°23 | 12°36 | 0°44 | 18° 9 | 17°16 | 2°57 | 2°58 | 6° 5 | 17°16 | T 26 |
| W27 | 16 17 15 | 5°21'34 | 25°14 | 26°37 | 8°23 | 15°48 | 0°36 | 12°43 | 0°46 | 18°11 | 17°17 | 2°57 | 2°55 | 6°12 | 17°12 | W27 |
| T 28 | 16 21 11 | 6°19'04 | 7♌27 | 27° 6 | 8°33 | 16°26 | 0°49 | 12°50 | 0°49 | 18°12 | 17°18 | 2°56 | 2°51 | 6°19 | 17° 8 | T 28 |
| F 29 | 16 25 8 | 7°16'33 | 19°29 | 27°30 | 8°41 | 17° 3 | 1° 2 | 12°58 | 0°51 | 18°14 | 17°18 | 2°56 | 2°48 | 6°25 | 17° 4 | F 29 |
| S 30 | 16 29 4 | 8°14'00 | 1♍25 | 27°50 | 8°46 | 17°40 | 1°15 | 13° 5 | 0°54 | 18°16 | 17°19 | 2°56 | 2°45 | 6°32 | 17° 0 | S 30 |
| S 31 | 16 33 1 | 9♊11'27 | 13♍18 | 28♊ 6 | 8♋50 | 18♋17 | 1♋28 | 13♉12 | 0♌56 | 18♈17 | 17♌20 | 2°D56 | 2♊42 | 6♍39 | 16♐56 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14n56 | 22n 1 | 4n52 | 19n19 | 1n15 | 27n19 | 3n57 | 24n50 | 1n21 | 23n19 | 0s 5 | 12n38 | 2s 8 | 20n46 | 0n35 | 5n20 | 1s37 | 24n42 | 9n26 | 20n50 | 21n 2 | 15n 6 | 17s18 | 5n43 |
| S 2 | 15 15 | 18 35 | 5 10 | 20 0 | 1 24 | 27 21 | 3 57 | 24 50 | 1 21 | 23 19 | 0 5 | 12 40 | 2 8 | 20 46 | 0 35 | 5 20 | 1 37 | 24 42 | 9 26 | 20 50 | 21 2 | 15 4 | 17 17 | 5 44 |
| S 3 | 15 32 | 14 25 | 5 14 | 20 38 | 1 33 | 27 23 | 3 58 | 24 50 | 1 21 | 23 20 | 0 5 | 12 43 | 2 8 | 20 46 | 0 35 | 5 21 | 1 37 | 24 42 | 9 26 | 20 49 | 21 1 | 15 2 | 17 17 | 5 44 |
| M 4 | 15 50 | 9 42 | 5 5 | 21 13 | 1 41 | 27 24 | 3 58 | 24 50 | 1 21 | 23 20 | 0 5 | 12 45 | 2 8 | 20 45 | 0 35 | 5 22 | 1 37 | 24 41 | 9 25 | 20 49 | 21 0 | 14 59 | 17 16 | 5 45 |
| T 5 | 16 7 | 4 36 | 4 42 | 21 47 | 1 49 | 27 25 | 3 57 | 24 49 | 1 21 | 23 20 | 0 5 | 12 48 | 2 8 | 20 45 | 0 35 | 5 23 | 1 37 | 24 41 | 9 25 | 20 48 | 21 0 | 14 57 | 17 15 | 5 45 |
| W 6 | 16 25 | 0s46 | 4 7 | 22 17 | 1 56 | 27 25 | 3 57 | 24 48 | 1 21 | 23 21 | 0 5 | 12 50 | 2 8 | 20 45 | 0 35 | 5 24 | 1 37 | 24 41 | 9 25 | 20 48 | 20 59 | 14 54 | 17 14 | 5 46 |
| T 7 | 16 41 | 6 11 | 3 19 | 22 45 | 2 2 | 27 25 | 3 56 | 24 47 | 1 21 | 23 21 | 0 4 | 12 52 | 2 8 | 20 44 | 0 35 | 5 24 | 1 37 | 24 41 | 9 25 | 20 47 | 20 59 | 14 52 | 17 14 | 5 46 |
| F 8 | 16 58 | 11 28 | 2 21 | 23 11 | 2 7 | 27 24 | 3 55 | 24 46 | 1 21 | 23 22 | 0 4 | 12 55 | 2 8 | 20 44 | 0 35 | 5 25 | 1 37 | 24 40 | 9 25 | 20 47 | 20 58 | 14 49 | 17 13 | 5 47 |
| S 9 | 17 14 | 16 23 | 1 15 | 23 34 | 2 12 | 27 23 | 3 54 | 24 45 | 1 21 | 23 22 | 0 4 | 12 57 | 2 8 | 20 44 | 0 35 | 5 26 | 1 37 | 24 40 | 9 24 | 20 47 | 20 57 | 14 47 | 17 12 | 5 47 |
| S 10 | 17 30 | 20 37 | 0 3 | 23 55 | 2 16 | 27 22 | 3 53 | 24 43 | 1 21 | 23 23 | 0 4 | 13 0 | 2 8 | 20 43 | 0 35 | 5 26 | 1 37 | 24 40 | 9 24 | 20 47 | 20 57 | 14 44 | 17 11 | 5 48 |
| M11 | 17 46 | 23 52 | 1s10 | 24 13 | 2 19 | 27 20 | 3 52 | 24 42 | 1 21 | 23 23 | 0 4 | 13 2 | 2 8 | 20 43 | 0 35 | 5 27 | 1 37 | 24 40 | 9 24 | 20 47 | 20 56 | 14 42 | 17 11 | 5 48 |
| T 12 | 18 1 | 25 49 | 2 20 | 24 29 | 2 22 | 27 17 | 3 50 | 24 40 | 1 21 | 23 23 | 0 4 | 13 4 | 2 8 | 20 42 | 0 35 | 5 28 | 1 37 | 24 39 | 9 24 | 20 47 | 20 56 | 14 39 | 17 10 | 5 49 |
| W13 | 18 16 | 26 14 | 3 23 | 24 42 | 2 23 | 27 14 | 3 48 | 24 38 | 1 21 | 23 24 | 0 4 | 13 7 | 2 8 | 20 42 | 0 35 | 5 29 | 1 37 | 24 39 | 9 24 | 20 47 | 20 55 | 14 37 | 17 9 | 5 49 |
| T 14 | 18 31 | 25 0 | 4 16 | 24 54 | 2 24 | 27 11 | 3 45 | 24 36 | 1 21 | 23 24 | 0 4 | 13 9 | 2 8 | 20 42 | 0 35 | 5 29 | 1 37 | 24 39 | 9 23 | 20 47 | 20 54 | 14 34 | 17 8 | 5 49 |
| F 15 | 18 46 | 22 14 | 4 53 | 25 3 | 2 23 | 27 8 | 3 43 | 24 33 | 1 21 | 23 24 | 0 4 | 13 11 | 2 8 | 20 41 | 0 35 | 5 30 | 1 37 | 24 38 | 9 23 | 20 47 | 20 54 | 14 32 | 17 8 | 5 50 |
| S 16 | 19 0 | 18 6 | 5 13 | 25 10 | 2 22 | 27 4 | 3 40 | 24 31 | 1 21 | 23 25 | 0 4 | 13 14 | 2 8 | 20 41 | 0 35 | 5 31 | 1 37 | 24 38 | 9 23 | 20 47 | 20 53 | 14 29 | 17 7 | 5 50 |
| S 17 | 19 14 | 12 57 | 5 15 | 25 15 | 2 20 | 26 59 | 3 36 | 24 28 | 1 20 | 23 25 | 0 3 | 13 16 | 2 8 | 20 40 | 0 35 | 5 31 | 1 37 | 24 38 | 9 23 | 20 47 | 20 53 | 14 27 | 17 6 | 5 51 |
| M18 | 19 27 | 7 4 | 4 56 | 25 18 | 2 17 | 26 55 | 3 33 | 24 25 | 1 20 | 23 25 | 0 3 | 13 18 | 2 8 | 20 40 | 0 35 | 5 32 | 1 38 | 24 37 | 9 23 | 20 47 | 20 52 | 14 24 | 17 5 | 5 51 |
| T 19 | 19 41 | 0 50 | 4 20 | 25 20 | 2 14 | 26 50 | 3 29 | 24 22 | 1 20 | 23 25 | 0 3 | 13 20 | 2 8 | 20 39 | 0 35 | 5 33 | 1 38 | 24 37 | 9 22 | 20 47 | 20 51 | 14 22 | 17 5 | 5 51 |
| W20 | 19 53 | 5n25 | 3 27 | 25 20 | 2 9 | 26 44 | 3 25 | 24 19 | 1 20 | 23 25 | 0 3 | 13 23 | 2 8 | 20 39 | 0 35 | 5 33 | 1 38 | 24 37 | 9 22 | 20 47 | 20 51 | 14 19 | 17 4 | 5 52 |
| T 21 | 20 6 | 11 21 | 2 23 | 25 18 | 2 3 | 26 39 | 3 20 | 24 15 | 1 20 | 23 26 | 0 3 | 13 25 | 2 8 | 20 38 | 0 35 | 5 34 | 1 38 | 24 36 | 9 22 | 20 47 | 20 50 | 14 17 | 17 3 | 5 52 |
| F 22 | 20 18 | 16 39 | 1 11 | 25 14 | 1 57 | 26 33 | 3 15 | 24 12 | 1 20 | 23 26 | 0 3 | 13 27 | 2 8 | 20 38 | 0 35 | 5 35 | 1 38 | 24 36 | 9 22 | 20 47 | 20 50 | 14 14 | 17 3 | 5 53 |
| S 23 | 20 30 | 20 59 | 0n 4 | 25 9 | 1 49 | 26 26 | 3 10 | 24 8 | 1 20 | 23 26 | 0 3 | 13 29 | 2 8 | 20 37 | 0 35 | 5 35 | 1 38 | 24 35 | 9 22 | 20 47 | 20 49 | 14 11 | 17 2 | 5 53 |
| S 24 | 20 41 | 24 7 | 1 17 | 25 3 | 1 41 | 26 20 | 3 4 | 24 4 | 1 20 | 23 26 | 0 3 | 13 32 | 2 9 | 20 37 | 0 35 | 5 36 | 1 38 | 24 35 | 9 21 | 20 47 | 20 48 | 14 9 | 17 1 | 5 53 |
| M25 | 20 53 | 25 53 | 2 25 | 24 56 | 1 32 | 26 13 | 2 58 | 24 0 | 1 20 | 23 26 | 0 3 | 13 34 | 2 9 | 20 36 | 0 35 | 5 37 | 1 38 | 24 35 | 9 21 | 20 47 | 20 48 | 14 6 | 17 1 | 5 54 |
| T 26 | 21 3 | 26 14 | 3 23 | 24 47 | 1 22 | 26 5 | 2 52 | 23 56 | 1 20 | 23 26 | 0 2 | 13 36 | 2 9 | 20 36 | 0 35 | 5 37 | 1 38 | 24 34 | 9 21 | 20 47 | 20 47 | 14 4 | 17 0 | 5 54 |
| W27 | 21 14 | 25 14 | 4 11 | 24 37 | 1 11 | 25 58 | 2 45 | 23 51 | 1 19 | 23 26 | 0 2 | 13 38 | 2 9 | 20 35 | 0 35 | 5 38 | 1 38 | 24 34 | 9 21 | 20 47 | 20 46 | 14 1 | 16 59 | 5 54 |
| T 28 | 21 24 | 23 3 | 4 46 | 24 26 | 0 59 | 25 50 | 2 38 | 23 47 | 1 19 | 23 26 | 0 2 | 13 40 | 2 9 | 20 35 | 0 35 | 5 38 | 1 38 | 24 33 | 9 21 | 20 47 | 20 46 | 13 59 | 16 59 | 5 54 |
| F 29 | 21 34 | 19 52 | 5 8 | 24 14 | 0 46 | 25 42 | 2 30 | 23 42 | 1 19 | 23 26 | 0 2 | 13 42 | 2 9 | 20 34 | 0 35 | 5 39 | 1 38 | 24 33 | 9 21 | 20 47 | 20 45 | 13 56 | 16 58 | 5 55 |
| S 30 | 21 43 | 15 55 | 5 17 | 24 1 | 0 33 | 25 33 | 2 22 | 23 37 | 1 19 | 23 26 | 0 2 | 13 45 | 2 9 | 20 33 | 0 35 | 5 40 | 1 38 | 24 33 | 9 20 | 20 47 | 20 45 | 13 54 | 16 57 | 5 55 |
| S 31 | 21n52 | 11n22 | 5n11 | 23n47 | 0n19 | 25n25 | 2n14 | 23n32 | 1n19 | 23n26 | 0s 2 | 13n47 | 2s 9 | 20n33 | 0n35 | 5n40 | 1s38 | 24n32 | 9n20 | 20n47 | 20n44 | 13n51 | 16s57 | 5n55 |

Julian Day Number = 2343918.5, Delta T = 12.64 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'37, Lahiri = 19°44'37Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## JUNE 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 16 36 57 | 10♊ 8'52 | 25♍14 | 28♊16 | 8°R51 | 18♋54 | 1♋42 | 13♉19 | 0♌59 | 18♈19 | 17♌21 | 2♊56 | 2♊39 | 6♍46 | 16°R52 | M 1 |
| T 2 | 16 40 54 | 11° 6'15 | 7♎17 | 28°22 | 8♋49 | 19°31 | 1°55 | 13°26 | 1° 1 | 18°20 | 17°22 | 2°57 | 2°36 | 6°52 | 16♐48 | T 2 |
| W 3 | 16 44 50 | 12° 3'38 | 19°30 | 28°R24 | 8°46 | 20° 9 | 2° 8 | 13°34 | 1° 4 | 18°22 | 17°23 | 2°58 | 2°32 | 6°59 | 16°44 | W 3 |
| T 4 | 16 48 47 | 13° 1'00 | 1♏58 | 28°21 | 8°40 | 20°46 | 2°21 | 13°41 | 1° 7 | 18°23 | 17°24 | 2°58 | 2°29 | 7° 6 | 16°39 | T 4 |
| F 5 | 16 52 44 | 13°58'21 | 14°44 | 28°13 | 8°31 | 21°23 | 2°34 | 13°48 | 1°10 | 18°25 | 17°25 | 2°59 | 2°26 | 7°12 | 16°35 | F 5 |
| S 6 | 16 56 40 | 14°55'41 | 27°48 | 28° 2 | 8°20 | 22° 0 | 2°48 | 13°55 | 1°12 | 18°26 | 17°26 | 3°R 0 | 2°23 | 7°19 | 16°31 | S 6 |
| S 7 | 17 0 37 | 15°53'00 | 11♐12 | 27°46 | 8° 7 | 22°37 | 3° 1 | 14° 2 | 1°15 | 18°28 | 17°27 | 3° 0 | 2°20 | 7°26 | 16°27 | S 7 |
| M 8 | 17 4 33 | 16°50'18 | 24°55 | 27°27 | 7°51 | 23°15 | 3°14 | 14° 9 | 1°18 | 18°29 | 17°28 | 2°59 | 2°16 | 7°33 | 16°23 | M 8 |
| T 9 | 17 8 30 | 17°47'36 | 8♑54 | 27° 4 | 7°33 | 23°52 | 3°27 | 14°15 | 1°21 | 18°30 | 17°29 | 2°58 | 2°13 | 7°39 | 16°18 | T 9 |
| W10 | 17 12 26 | 18°44'53 | 23° 4 | 26°38 | 7°13 | 24°29 | 3°41 | 14°22 | 1°24 | 18°32 | 17°30 | 2°56 | 2°10 | 7°46 | 16°14 | W10 |
| T 11 | 17 16 23 | 19°42'10 | 7♒23 | 26° 9 | 6°50 | 25° 6 | 3°54 | 14°29 | 1°27 | 18°33 | 17°31 | 2°54 | 2° 7 | 7°53 | 16°10 | T 11 |
| F 12 | 17 20 19 | 20°39'26 | 21°45 | 25°38 | 6°25 | 25°43 | 4° 8 | 14°36 | 1°30 | 18°34 | 17°32 | 2°52 | 2° 4 | 7°59 | 16° 6 | F 12 |
| S 13 | 17 24 16 | 21°36'42 | 6♓ 6 | 25° 6 | 5°59 | 26°21 | 4°21 | 14°43 | 1°33 | 18°36 | 17°33 | 2°50 | 2° 1 | 8° 6 | 16° 2 | S 13 |
| S 14 | 17 28 13 | 22°33'57 | 20°23 | 24°32 | 5°30 | 26°58 | 4°34 | 14°49 | 1°36 | 18°37 | 17°35 | 2°D50 | 1°57 | 8°13 | 15°58 | S 14 |
| M15 | 17 32 9 | 23°31'13 | 4♈32 | 23°58 | 5° 0 | 27°35 | 4°48 | 14°56 | 1°39 | 18°38 | 17°36 | 2°50 | 1°54 | 8°20 | 15°54 | M15 |
| T 16 | 17 36 6 | 24°28'28 | 18°32 | 23°24 | 4°28 | 28°12 | 5° 1 | 15° 2 | 1°42 | 18°39 | 17°37 | 2°51 | 1°51 | 8°26 | 15°49 | T 16 |
| W17 | 17 40 2 | 25°25'43 | 2♉21 | 22°50 | 3°54 | 28°50 | 5°15 | 15° 9 | 1°45 | 18°40 | 17°38 | 2°52 | 1°48 | 8°33 | 15°45 | W17 |
| T 18 | 17 43 59 | 26°22'58 | 15°59 | 22°17 | 3°19 | 29°27 | 5°28 | 15°15 | 1°48 | 18°41 | 17°40 | 2°54 | 1°45 | 8°40 | 15°41 | T 18 |
| F 19 | 17 47 55 | 27°20'12 | 29°25 | 21°47 | 2°44 | 0♌ 4 | 5°42 | 15°22 | 1°52 | 18°43 | 17°41 | 2°R54 | 1°42 | 8°47 | 15°37 | F 19 |
| S 20 | 17 51 52 | 28°17'27 | 12♊39 | 21°18 | 2° 7 | 0°42 | 5°55 | 15°28 | 1°55 | 18°44 | 17°42 | 2°54 | 1°38 | 8°53 | 15°33 | S 20 |
| S 21 | 17 55 48 | 29°14'41 | 25°39 | 20°52 | 1°30 | 1°19 | 6° 9 | 15°35 | 1°58 | 18°45 | 17°44 | 2°53 | 1°35 | 9° 0 | 15°29 | S 21 |
| M22 | 17 59 45 | 0♋11'55 | 8♋26 | 20°30 | 0°53 | 1°56 | 6°22 | 15°41 | 2° 1 | 18°46 | 17°45 | 2°50 | 1°32 | 9° 7 | 15°25 | M22 |
| T 23 | 18 3 42 | 1° 9'09 | 20°59 | 20°11 | 0°16 | 2°34 | 6°36 | 15°47 | 2° 5 | 18°47 | 17°46 | 2°46 | 1°29 | 9°13 | 15°21 | T 23 |
| W24 | 18 7 38 | 2° 6'22 | 3♌20 | 19°56 | 29♊38 | 3°11 | 6°49 | 15°53 | 2° 8 | 18°48 | 17°48 | 2°41 | 1°26 | 9°20 | 15°17 | W24 |
| T 25 | 18 11 35 | 3° 3'35 | 15°29 | 19°45 | 29° 1 | 3°48 | 7° 3 | 15°59 | 2°11 | 18°49 | 17°49 | 2°36 | 1°22 | 9°27 | 15°14 | T 25 |
| F 26 | 18 15 31 | 4° 0'48 | 27°30 | 19°38 | 28°25 | 4°26 | 7°17 | 16° 5 | 2°15 | 18°49 | 17°51 | 2°31 | 1°19 | 9°34 | 15°10 | F 26 |
| S 27 | 18 19 28 | 4°58'00 | 9♍25 | 19°D37 | 27°49 | 5° 3 | 7°30 | 16°11 | 2°18 | 18°50 | 17°52 | 2°27 | 1°16 | 9°40 | 15° 6 | S 27 |
| S 28 | 18 23 24 | 5°55'12 | 21°17 | 19°40 | 27°15 | 5°40 | 7°44 | 16°17 | 2°21 | 18°51 | 17°54 | 2°25 | 1°13 | 9°47 | 15° 2 | S 28 |
| M29 | 18 27 21 | 6°52'24 | 3♎11 | 19°48 | 26°41 | 6°18 | 7°57 | 16°23 | 2°25 | 18°52 | 17°55 | 2°D24 | 1°10 | 9°54 | 14°59 | M29 |
| T 30 | 18 31 17 | 7♋49'35 | 15♎12 | 20♊ 0 | 26♊ 9 | 6♌55 | 8♋11 | 16♉29 | 2♌28 | 18♈53 | 17♌57 | 2♊24 | 1♊ 7 | 10♍ 1 | 14♐55 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22n 0 | 6n23 | 4n53 | 23n32 | 0n 4 | 25n16 | 2n 5 | 23n27 | 1n19 | 23n26 | 0s 2 | 13n49 | 2s 9 | 20n32 | 0n35 | 5n41 | 1s38 | 24n32 | 9n20 | 20n47 | 20n43 | 13n48 | 16s56 | 5n55 |
| T 2 | 22 9 | 1 7 | 4 22 | 23 17 | 0s11 | 25 6 | 1 56 | 23 21 | 1 19 | 23 26 | 0 2 | 13 51 | 2 9 | 20 32 | 0 35 | 5 41 | 1 38 | 24 31 | 9 20 | 20 47 | 20 43 | 13 46 | 16 55 | 5 56 |
| W 3 | 22 16 | 4s17 | 3 38 | 23 1 | 0 27 | 24 57 | 1 46 | 23 16 | 1 19 | 23 26 | 0 2 | 13 53 | 2 9 | 20 31 | 0 35 | 5 42 | 1 38 | 24 31 | 9 20 | 20 47 | 20 42 | 13 43 | 16 55 | 5 56 |
| T 4 | 22 24 | 9 37 | 2 43 | 22 45 | 0 43 | 24 47 | 1 36 | 23 10 | 1 18 | 23 26 | 0 2 | 13 55 | 2 9 | 20 31 | 0 35 | 5 42 | 1 38 | 24 30 | 9 20 | 20 47 | 20 42 | 13 41 | 16 54 | 5 56 |
| F 5 | 22 31 | 14 42 | 1 39 | 22 28 | 1 0 | 24 37 | 1 25 | 23 4 | 1 18 | 23 26 | 0 1 | 13 57 | 2 9 | 20 30 | 0 35 | 5 43 | 1 38 | 24 30 | 9 19 | 20 47 | 20 41 | 13 38 | 16 54 | 5 56 |
| S 6 | 22 38 | 19 14 | 0 29 | 22 11 | 1 17 | 24 27 | 1 14 | 22 58 | 1 18 | 23 26 | 0 1 | 13 59 | 2 9 | 20 29 | 0 35 | 5 43 | 1 38 | 24 29 | 9 19 | 20 47 | 20 40 | 13 35 | 16 53 | 5 56 |
| S 7 | 22 44 | 22 54 | 0s45 | 21 54 | 1 34 | 24 16 | 1 2 | 22 52 | 1 18 | 23 25 | 0 1 | 14 1 | 2 9 | 20 29 | 0 35 | 5 44 | 1 38 | 24 29 | 9 19 | 20 47 | 20 40 | 13 33 | 16 52 | 5 57 |
| M 8 | 22 50 | 25 21 | 1 58 | 21 36 | 1 51 | 24 5 | 0 51 | 22 45 | 1 18 | 23 25 | 0 1 | 14 3 | 2 9 | 20 28 | 0 35 | 5 44 | 1 38 | 24 28 | 9 19 | 20 47 | 20 39 | 13 30 | 16 52 | 5 57 |
| T 9 | 22 55 | 26 16 | 3 5 | 21 19 | 2 8 | 23 54 | 0 38 | 22 39 | 1 18 | 23 25 | 0 1 | 14 5 | 2 10 | 20 27 | 0 35 | 5 45 | 1 39 | 24 28 | 9 19 | 20 47 | 20 38 | 13 28 | 16 51 | 5 57 |
| W10 | 23 0 | 25 29 | 4 2 | 21 2 | 2 25 | 23 43 | 0 26 | 22 32 | 1 18 | 23 25 | 0 1 | 14 7 | 2 10 | 20 27 | 0 35 | 5 45 | 1 39 | 24 27 | 9 19 | 20 47 | 20 38 | 13 25 | 16 51 | 5 57 |
| T 11 | 23 5 | 23 2 | 4 44 | 20 45 | 2 41 | 23 31 | 0 13 | 22 25 | 1 17 | 23 24 | 0 1 | 14 9 | 2 10 | 20 26 | 0 35 | 5 46 | 1 39 | 24 27 | 9 18 | 20 46 | 20 37 | 13 22 | 16 50 | 5 57 |
| F 12 | 23 9 | 19 9 | 5 9 | 20 28 | 2 56 | 23 19 | 0s 1 | 22 18 | 1 17 | 23 24 | 0 1 | 14 11 | 2 10 | 20 25 | 0 35 | 5 46 | 1 39 | 24 26 | 9 18 | 20 46 | 20 36 | 13 20 | 16 50 | 5 57 |
| S 13 | 23 13 | 14 9 | 5 14 | 20 12 | 3 11 | 23 7 | 0 14 | 22 11 | 1 17 | 23 24 | 0 1 | 14 12 | 2 10 | 20 25 | 0 35 | 5 47 | 1 39 | 24 26 | 9 18 | 20 46 | 20 36 | 13 17 | 16 49 | 5 57 |
| S 14 | 23 16 | 8 25 | 5 0 | 19 57 | 3 25 | 22 54 | 0 28 | 22 3 | 1 17 | 23 23 | 0 1 | 14 14 | 2 10 | 20 24 | 0 35 | 5 47 | 1 39 | 24 25 | 9 18 | 20 46 | 20 35 | 13 14 | 16 49 | 5 58 |
| M15 | 23 19 | 2 18 | 4 28 | 19 42 | 3 38 | 22 41 | 0 42 | 21 56 | 1 17 | 23 23 | 0 0 | 14 16 | 2 10 | 20 23 | 0 35 | 5 47 | 1 39 | 24 25 | 9 18 | 20 46 | 20 35 | 13 12 | 16 48 | 5 58 |
| T 16 | 23 22 | 3n53 | 3 40 | 19 29 | 3 50 | 22 28 | 0 56 | 21 48 | 1 17 | 23 23 | 0 0 | 14 18 | 2 10 | 20 23 | 0 35 | 5 48 | 1 39 | 24 24 | 9 18 | 20 46 | 20 34 | 13 9 | 16 48 | 5 58 |
| W17 | 23 24 | 9 48 | 2 40 | 19 17 | 4 1 | 22 15 | 1 10 | 21 41 | 1 16 | 23 22 | 0 0 | 14 20 | 2 10 | 20 22 | 0 35 | 5 48 | 1 39 | 24 24 | 9 18 | 20 46 | 20 33 | 13 7 | 16 47 | 5 58 |
| T 18 | 23 26 | 15 11 | 1 32 | 19 6 | 4 10 | 22 2 | 1 24 | 21 33 | 1 16 | 23 22 | 0 0 | 14 21 | 2 10 | 20 21 | 0 35 | 5 49 | 1 39 | 24 23 | 9 17 | 20 46 | 20 33 | 13 4 | 16 47 | 5 58 |
| F 19 | 23 27 | 19 45 | 0 19 | 18 56 | 4 18 | 21 49 | 1 38 | 21 24 | 1 16 | 23 21 | 0 0 | 14 23 | 2 11 | 20 20 | 0 35 | 5 49 | 1 39 | 24 23 | 9 17 | 20 46 | 20 32 | 13 1 | 16 46 | 5 58 |
| S 20 | 23 28 | 23 14 | 0n53 | 18 48 | 4 24 | 21 35 | 1 52 | 21 16 | 1 16 | 23 21 | 0 0 | 14 25 | 2 11 | 20 20 | 0 35 | 5 49 | 1 39 | 24 22 | 9 17 | 20 46 | 20 31 | 12 59 | 16 46 | 5 58 |
| S 21 | 23 29 | 25 26 | 2 1 | 18 41 | 4 29 | 21 22 | 2 6 | 21 8 | 1 16 | 23 20 | 0n 0 | 14 27 | 2 11 | 20 19 | 0 35 | 5 50 | 1 39 | 24 22 | 9 17 | 20 46 | 20 31 | 12 56 | 16 45 | 5 58 |
| M22 | 23 29 | 26 15 | 3 2 | 18 36 | 4 33 | 21 8 | 2 20 | 20 59 | 1 16 | 23 20 | 0 0 | 14 28 | 2 11 | 20 18 | 0 35 | 5 50 | 1 39 | 24 21 | 9 17 | 20 46 | 20 30 | 12 53 | 16 45 | 5 58 |
| T 23 | 23 28 | 25 41 | 3 53 | 18 33 | 4 35 | 20 55 | 2 34 | 20 51 | 1 15 | 23 19 | 0 0 | 14 30 | 2 11 | 20 17 | 0 35 | 5 50 | 1 39 | 24 20 | 9 17 | 20 45 | 20 29 | 12 51 | 16 45 | 5 58 |
| W24 | 23 28 | 23 51 | 4 32 | 18 31 | 4 35 | 20 42 | 2 47 | 20 42 | 1 15 | 23 19 | 0 0 | 14 32 | 2 11 | 20 17 | 0 34 | 5 51 | 1 39 | 24 20 | 9 17 | 20 44 | 20 29 | 12 48 | 16 44 | 5 58 |
| T 25 | 23 27 | 20 57 | 4 58 | 18 31 | 4 35 | 20 29 | 3 0 | 20 33 | 1 15 | 23 18 | 0 0 | 14 33 | 2 11 | 20 16 | 0 34 | 5 51 | 1 39 | 24 19 | 9 17 | 20 43 | 20 28 | 12 45 | 16 44 | 5 58 |
| F 26 | 23 25 | 17 13 | 5 10 | 18 33 | 4 33 | 20 16 | 3 12 | 20 24 | 1 15 | 23 17 | 0 1 | 14 35 | 2 11 | 20 15 | 0 34 | 5 51 | 1 39 | 24 19 | 9 16 | 20 42 | 20 28 | 12 43 | 16 43 | 5 58 |
| S 27 | 23 23 | 12 50 | 5 9 | 18 36 | 4 29 | 20 3 | 3 24 | 20 15 | 1 15 | 23 17 | 0 1 | 14 36 | 2 12 | 20 14 | 0 34 | 5 51 | 1 39 | 24 18 | 9 16 | 20 41 | 20 27 | 12 40 | 16 43 | 5 58 |
| S 28 | 23 21 | 7 59 | 4 55 | 18 41 | 4 25 | 19 51 | 3 36 | 20 5 | 1 14 | 23 16 | 0 1 | 14 38 | 2 12 | 20 14 | 0 34 | 5 52 | 1 40 | 24 18 | 9 16 | 20 41 | 20 26 | 12 37 | 16 43 | 5 58 |
| M29 | 23 18 | 2 50 | 4 28 | 18 47 | 4 19 | 19 39 | 3 47 | 19 56 | 1 14 | 23 15 | 0 1 | 14 40 | 2 12 | 20 13 | 0 34 | 5 52 | 1 40 | 24 17 | 9 16 | 20 40 | 20 26 | 12 34 | 16 42 | 5 58 |
| T 30 | 23n15 | 2s29 | 3n49 | 18n55 | 4s12 | 19n28 | 3s57 | 19n46 | 1n14 | 23n14 | 0n 1 | 14n41 | 2s12 | 20n12 | 0n34 | 5n52 | 1s40 | 24n16 | 9n16 | 20n41 | 20n25 | 12n32 | 16s42 | 5n58 |

Julian Day Number = 2343949.5, Delta T = 12.61 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'41, Lahiri = 19°44'41Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## JULY 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 18 35 14 | 8♋46'46 | 27♎25 | 20♊18 | 25°R39 | 7♌33 | 8♋24 | 16♉35 | 2♌32 | 18♈53 | 17♌58 | 2♊25 | 1♊ 3 | 10♍ 7 | 14°R51 | W 1 |
| T 2 | 18 39 11 | 9°43'57 | 9♏53 | 20°41 | 25♊10 | 8°10 | 8°38 | 16°40 | 2°35 | 18°54 | 18° 0 | 2°27 | 1° 0 | 10°14 | 14♐48 | T 2 |
| F 3 | 18 43 7 | 10°41'08 | 22°42 | 21° 9 | 24°44 | 8°48 | 8°52 | 16°46 | 2°39 | 18°55 | 18° 1 | 2°28 | 0°57 | 10°21 | 14°44 | F 3 |
| S 4 | 18 47 4 | 11°38'18 | 5♐55 | 21°42 | 24°19 | 9°25 | 9° 5 | 16°51 | 2°42 | 18°55 | 18° 3 | 2°R28 | 0°54 | 10°27 | 14°41 | S 4 |
| S 5 | 18 51 0 | 12°35'29 | 19°31 | 22°20 | 23°57 | 10° 2 | 9°19 | 16°57 | 2°46 | 18°56 | 18° 4 | 2°27 | 0°51 | 10°34 | 14°37 | S 5 |
| M 6 | 18 54 57 | 13°32'39 | 3♑33 | 23° 3 | 23°36 | 10°40 | 9°32 | 17° 2 | 2°49 | 18°56 | 18° 6 | 2°24 | 0°48 | 10°41 | 14°34 | M 6 |
| T 7 | 18 58 53 | 14°29'50 | 17°55 | 23°51 | 23°18 | 11°17 | 9°46 | 17° 8 | 2°53 | 18°57 | 18° 8 | 2°19 | 0°44 | 10°48 | 14°31 | T 7 |
| W 8 | 19 2 50 | 15°27'01 | 2♒32 | 24°44 | 23° 3 | 11°55 | 9°59 | 17°13 | 2°56 | 18°58 | 18° 9 | 2°13 | 0°41 | 10°54 | 14°27 | W 8 |
| T 9 | 19 6 47 | 16°24'13 | 17°18 | 25°41 | 22°49 | 12°32 | 10°13 | 17°18 | 3° 0 | 18°58 | 18°11 | 2° 7 | 0°38 | 11° 1 | 14°24 | T 9 |
| F 10 | 19 10 43 | 17°21'24 | 2♓ 5 | 26°43 | 22°39 | 13°10 | 10°26 | 17°23 | 3° 3 | 18°58 | 18°13 | 2° 1 | 0°35 | 11° 8 | 14°21 | F 10 |
| S 11 | 19 14 40 | 18°18'37 | 16°45 | 27°50 | 22°30 | 13°47 | 10°40 | 17°28 | 3° 7 | 18°59 | 18°14 | 1°56 | 0°32 | 11°14 | 14°18 | S 11 |
| S 12 | 19 18 36 | 19°15'50 | 1♈12 | 29° 2 | 22°24 | 14°25 | 10°53 | 17°33 | 3°11 | 18°59 | 18°16 | 1°52 | 0°28 | 11°21 | 14°15 | S 12 |
| M13 | 19 22 33 | 20°13'03 | 15°23 | 0♋17 | 22°20 | 15° 2 | 11° 7 | 17°38 | 3°14 | 19° 0 | 18°18 | 1°D51 | 0°25 | 11°28 | 14°12 | M13 |
| T 14 | 19 26 29 | 21°10'17 | 29°16 | 1°38 | 22°D19 | 15°40 | 11°20 | 17°43 | 3°18 | 19° 0 | 18°19 | 1°51 | 0°22 | 11°35 | 14° 9 | T 14 |
| W15 | 19 30 26 | 22° 7'32 | 12♉52 | 3° 3 | 22°20 | 16°18 | 11°34 | 17°48 | 3°21 | 19° 0 | 18°21 | 1°52 | 0°19 | 11°41 | 14° 7 | W15 |
| T 16 | 19 34 22 | 23° 4'48 | 26°12 | 4°32 | 22°23 | 16°55 | 11°47 | 17°52 | 3°25 | 19° 0 | 18°23 | 1°R53 | 0°16 | 11°48 | 14° 4 | T 16 |
| F 17 | 19 38 19 | 24° 2'05 | 9♊17 | 6° 5 | 22°29 | 17°33 | 12° 0 | 17°57 | 3°29 | 19° 1 | 18°25 | 1°53 | 0°13 | 11°55 | 14° 1 | F 17 |
| S 18 | 19 42 16 | 24°59'22 | 22° 9 | 7°42 | 22°37 | 18°10 | 12°14 | 18° 2 | 3°32 | 19° 1 | 18°26 | 1°51 | 0° 9 | 12° 2 | 13°59 | S 18 |
| S 19 | 19 46 12 | 25°56'40 | 4♋49 | 9°23 | 22°47 | 18°48 | 12°27 | 18° 6 | 3°36 | 19° 1 | 18°28 | 1°47 | 0° 6 | 12° 8 | 13°56 | S 19 |
| M20 | 19 50 9 | 26°53'59 | 17°19 | 11° 7 | 22°59 | 19°26 | 12°41 | 18°10 | 3°40 | 19° 1 | 18°30 | 1°40 | 0° 3 | 12°15 | 13°54 | M20 |
| T 21 | 19 54 5 | 27°51'19 | 29°39 | 12°55 | 23°13 | 20° 3 | 12°54 | 18°15 | 3°43 | 19° 1 | 18°32 | 1°31 | 29♉59 | 12°22 | 13°51 | T 21 |
| W22 | 19 58 2 | 28°48'39 | 11♌50 | 14°46 | 23°29 | 20°41 | 13° 7 | 18°19 | 3°47 | 19° 1 | 18°33 | 1°21 | 29°57 | 12°28 | 13°49 | W22 |
| T 23 | 20 1 58 | 29°46'00 | 23°53 | 16°40 | 23°46 | 21°19 | 13°20 | 18°23 | 3°51 | 19°R 1 | 18°35 | 1°10 | 29°54 | 12°35 | 13°47 | T 23 |
| F 24 | 20 5 55 | 0♌43'21 | 5♍50 | 18°37 | 24° 6 | 21°56 | 13°34 | 18°27 | 3°55 | 19° 1 | 18°37 | 1° 0 | 29°50 | 12°42 | 13°45 | F 24 |
| S 25 | 20 9 51 | 1°40'43 | 17°42 | 20°36 | 24°27 | 22°34 | 13°47 | 18°31 | 3°58 | 19° 1 | 18°39 | 0°51 | 29°47 | 12°49 | 13°43 | S 25 |
| S 26 | 20 13 48 | 2°38'06 | 29°33 | 22°36 | 24°51 | 23°12 | 14° 0 | 18°35 | 4° 2 | 19° 1 | 18°41 | 0°43 | 29°44 | 12°55 | 13°41 | S 26 |
| M27 | 20 17 45 | 3°35'29 | 11♎25 | 24°38 | 25°15 | 23°50 | 14°13 | 18°38 | 4° 6 | 19° 1 | 18°43 | 0°39 | 29°41 | 13° 2 | 13°39 | M27 |
| T 28 | 20 21 41 | 4°32'52 | 23°24 | 26°42 | 25°42 | 24°27 | 14°26 | 18°42 | 4° 9 | 19° 1 | 18°44 | 0°36 | 29°38 | 13° 9 | 13°37 | T 28 |
| W29 | 20 25 38 | 5°30'17 | 5♏34 | 28°46 | 26°10 | 25° 5 | 14°39 | 18°46 | 4°13 | 19° 1 | 18°46 | 0°D36 | 29°34 | 13°15 | 13°36 | W29 |
| T 30 | 20 29 34 | 6°27'42 | 17°59 | 0♌51 | 26°39 | 25°43 | 14°52 | 18°49 | 4°17 | 19° 0 | 18°48 | 0°36 | 29°31 | 13°22 | 13°34 | T 30 |
| F 31 | 20 33 31 | 7♌25'08 | 0♐46 | 2♌56 | 27♊10 | 26♌21 | 15♋ 5 | 18♉52 | 4♌20 | 19♈ 0 | 18♌50 | 0°R36 | 29♉28 | 13♍29 | 13♐32 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 23n11 | 7s47 | 2n59 | 19n 4 | 4s 4 | 19n17 | 4s 7 | 19n36 | 1n14 | 23n14 | 0n 1 | 14n43 | 2s12 | 20n11 | 0n34 | 5n52 | 1s40 | 24n16 | 9n16 | 20n41 | 20n24 | 12n29 | 16s42 | 5n57 |
| T 2 | 23 7 | 12 55 | 2 0 | 19 14 | 3 56 | 19 7 | 4 17 | 19 26 | 1 14 | 23 13 | 0 1 | 14 44 | 2 12 | 20 10 | 0 34 | 5 53 | 1 40 | 24 15 | 9 16 | 20 41 | 20 24 | 12 26 | 16 41 | 5 57 |
| F 3 | 23 3 | 17 38 | 0 53 | 19 25 | 3 46 | 18 57 | 4 26 | 19 16 | 1 13 | 23 12 | 0 1 | 14 45 | 2 12 | 20 10 | 0 34 | 5 53 | 1 40 | 24 15 | 9 16 | 20 41 | 20 23 | 12 24 | 16 41 | 5 57 |
| S 4 | 22 58 | 21 38 | 0s19 | 19 37 | 3 36 | 18 48 | 4 34 | 19 6 | 1 13 | 23 11 | 0 1 | 14 47 | 2 13 | 20 9 | 0 34 | 5 53 | 1 40 | 24 14 | 9 16 | 20 41 | 20 22 | 12 21 | 16 41 | 5 57 |
| S 5 | 22 53 | 24 35 | 1 31 | 19 50 | 3 26 | 18 39 | 4 41 | 18 56 | 1 13 | 23 11 | 0 1 | 14 48 | 2 13 | 20 8 | 0 34 | 5 53 | 1 40 | 24 14 | 9 16 | 20 41 | 20 22 | 12 18 | 16 41 | 5 57 |
| M 6 | 22 47 | 26 6 | 2 40 | 20 4 | 3 14 | 18 31 | 4 48 | 18 45 | 1 13 | 23 10 | 0 2 | 14 50 | 2 13 | 20 7 | 0 34 | 5 53 | 1 40 | 24 13 | 9 16 | 20 41 | 20 21 | 12 16 | 16 40 | 5 57 |
| T 7 | 22 41 | 25 55 | 3 41 | 20 18 | 3 2 | 18 24 | 4 55 | 18 35 | 1 13 | 23 9 | 0 2 | 14 51 | 2 13 | 20 6 | 0 34 | 5 53 | 1 40 | 24 12 | 9 15 | 20 40 | 20 20 | 12 13 | 16 40 | 5 57 |
| W 8 | 22 35 | 23 58 | 4 28 | 20 33 | 2 50 | 18 17 | 5 1 | 18 24 | 1 12 | 23 8 | 0 2 | 14 52 | 2 13 | 20 6 | 0 34 | 5 54 | 1 40 | 24 12 | 9 15 | 20 38 | 20 20 | 12 10 | 16 40 | 5 57 |
| T 9 | 22 28 | 20 24 | 4 58 | 20 48 | 2 37 | 18 12 | 5 6 | 18 14 | 1 12 | 23 7 | 0 2 | 14 54 | 2 13 | 20 5 | 0 34 | 5 54 | 1 40 | 24 11 | 9 15 | 20 37 | 20 19 | 12 7 | 16 40 | 5 56 |
| F 10 | 22 21 | 15 32 | 5 8 | 21 2 | 2 24 | 18 6 | 5 11 | 18 3 | 1 12 | 23 6 | 0 2 | 14 55 | 2 13 | 20 4 | 0 34 | 5 54 | 1 40 | 24 11 | 9 15 | 20 36 | 20 18 | 12 5 | 16 40 | 5 56 |
| S 11 | 22 13 | 9 49 | 4 58 | 21 17 | 2 11 | 18 2 | 5 15 | 17 52 | 1 12 | 23 5 | 0 2 | 14 56 | 2 14 | 20 3 | 0 34 | 5 54 | 1 40 | 24 10 | 9 15 | 20 35 | 20 18 | 12 2 | 16 40 | 5 56 |
| S 12 | 22 6 | 3 38 | 4 29 | 21 32 | 1 57 | 17 58 | 5 18 | 17 40 | 1 12 | 23 4 | 0 2 | 14 57 | 2 14 | 20 2 | 0 34 | 5 54 | 1 40 | 24 9 | 9 15 | 20 34 | 20 17 | 11 59 | 16 39 | 5 56 |
| M13 | 21 57 | 2n37 | 3 44 | 21 45 | 1 43 | 17 54 | 5 21 | 17 29 | 1 11 | 23 3 | 0 2 | 14 59 | 2 14 | 20 1 | 0 34 | 5 54 | 1 40 | 24 9 | 9 15 | 20 34 | 20 16 | 11 56 | 16 39 | 5 56 |
| T 14 | 21 49 | 8 38 | 2 46 | 21 59 | 1 30 | 17 52 | 5 24 | 17 18 | 1 11 | 23 2 | 0 2 | 15 0 | 2 14 | 20 1 | 0 34 | 5 54 | 1 41 | 24 8 | 9 15 | 20 34 | 20 16 | 11 54 | 16 39 | 5 55 |
| W15 | 21 39 | 14 8 | 1 41 | 22 11 | 1 16 | 17 50 | 5 26 | 17 6 | 1 11 | 23 1 | 0 2 | 15 1 | 2 14 | 20 0 | 0 34 | 5 54 | 1 41 | 24 8 | 9 15 | 20 34 | 20 15 | 11 51 | 16 39 | 5 55 |
| T 16 | 21 30 | 18 50 | 0 31 | 22 22 | 1 2 | 17 48 | 5 28 | 16 55 | 1 11 | 23 0 | 0 3 | 15 2 | 2 14 | 19 59 | 0 34 | 5 54 | 1 41 | 24 7 | 9 15 | 20 34 | 20 14 | 11 48 | 16 39 | 5 55 |
| F 17 | 21 20 | 22 32 | 0n40 | 22 32 | 0 49 | 17 47 | 5 29 | 16 43 | 1 10 | 22 59 | 0 3 | 15 3 | 2 15 | 19 58 | 0 34 | 5 54 | 1 41 | 24 6 | 9 15 | 20 34 | 20 14 | 11 45 | 16 39 | 5 55 |
| S 18 | 21 10 | 25 1 | 1 47 | 22 40 | 0 35 | 17 47 | 5 30 | 16 31 | 1 10 | 22 58 | 0 3 | 15 4 | 2 15 | 19 57 | 0 34 | 5 54 | 1 41 | 24 6 | 9 15 | 20 34 | 20 13 | 11 43 | 16 39 | 5 54 |
| S 19 | 21 0 | 26 10 | 2 47 | 22 47 | 0 22 | 17 47 | 5 31 | 16 19 | 1 10 | 22 56 | 0 3 | 15 5 | 2 15 | 19 56 | 0 34 | 5 54 | 1 41 | 24 5 | 9 15 | 20 33 | 20 12 | 11 40 | 16 39 | 5 54 |
| M20 | 20 49 | 25 58 | 3 38 | 22 51 | 0 10 | 17 47 | 5 31 | 16 7 | 1 10 | 22 55 | 0 3 | 15 6 | 2 15 | 19 55 | 0 34 | 5 54 | 1 41 | 24 5 | 9 15 | 20 32 | 20 12 | 11 37 | 16 39 | 5 54 |
| T 21 | 20 37 | 24 28 | 4 19 | 22 54 | 0n 3 | 17 48 | 5 31 | 15 55 | 1 9 | 22 54 | 0 3 | 15 7 | 2 15 | 19 55 | 0 34 | 5 54 | 1 41 | 24 4 | 9 15 | 20 30 | 20 11 | 11 34 | 16 39 | 5 54 |
| W22 | 20 26 | 21 51 | 4 47 | 22 54 | 0 15 | 17 49 | 5 30 | 15 43 | 1 9 | 22 53 | 0 3 | 15 8 | 2 16 | 19 54 | 0 34 | 5 54 | 1 41 | 24 3 | 9 15 | 20 28 | 20 10 | 11 32 | 16 39 | 5 53 |
| T 23 | 20 14 | 18 19 | 5 1 | 22 52 | 0 26 | 17 51 | 5 29 | 15 30 | 1 9 | 22 52 | 0 3 | 15 9 | 2 16 | 19 53 | 0 34 | 5 54 | 1 41 | 24 3 | 9 15 | 20 26 | 20 10 | 11 29 | 16 39 | 5 53 |
| F 24 | 20 2 | 14 4 | 5 3 | 22 47 | 0 37 | 17 53 | 5 28 | 15 18 | 1 9 | 22 50 | 0 3 | 15 10 | 2 16 | 19 52 | 0 34 | 5 54 | 1 41 | 24 2 | 9 15 | 20 24 | 20 9 | 11 26 | 16 39 | 5 53 |
| S 25 | 19 49 | 9 19 | 4 51 | 22 40 | 0 47 | 17 55 | 5 27 | 15 5 | 1 8 | 22 49 | 0 3 | 15 11 | 2 16 | 19 51 | 0 34 | 5 54 | 1 41 | 24 2 | 9 15 | 20 22 | 20 8 | 11 23 | 16 39 | 5 53 |
| S 26 | 19 36 | 4 15 | 4 27 | 22 30 | 0 56 | 17 58 | 5 25 | 14 53 | 1 8 | 22 48 | 0 3 | 15 12 | 2 16 | 19 50 | 0 34 | 5 54 | 1 41 | 24 1 | 9 15 | 20 20 | 20 8 | 11 21 | 16 39 | 5 52 |
| M27 | 19 23 | 0s59 | 3 51 | 22 17 | 1 4 | 18 1 | 5 23 | 14 40 | 1 8 | 22 47 | 0 4 | 15 13 | 2 17 | 19 49 | 0 34 | 5 54 | 1 41 | 24 0 | 9 15 | 20 19 | 20 7 | 11 18 | 16 39 | 5 52 |
| T 28 | 19 9 | 6 15 | 3 4 | 22 2 | 1 12 | 18 4 | 5 21 | 14 27 | 1 8 | 22 45 | 0 4 | 15 13 | 2 17 | 19 48 | 0 34 | 5 54 | 1 41 | 24 0 | 9 15 | 20 19 | 20 6 | 11 15 | 16 39 | 5 52 |
| W29 | 18 56 | 11 22 | 2 9 | 21 44 | 1 19 | 18 7 | 5 18 | 14 14 | 1 7 | 22 44 | 0 4 | 15 14 | 2 17 | 19 48 | 0 34 | 5 54 | 1 41 | 23 59 | 9 15 | 20 19 | 20 6 | 11 12 | 16 39 | 5 51 |
| T 30 | 18 41 | 16 9 | 1 7 | 21 23 | 1 25 | 18 11 | 5 16 | 14 1 | 1 7 | 22 43 | 0 4 | 15 15 | 2 17 | 19 47 | 0 34 | 5 53 | 1 41 | 23 59 | 9 15 | 20 19 | 20 5 | 11 9 | 16 39 | 5 51 |
| F 31 | 18n27 | 20s21 | 0s 1 | 21n 0 | 1n31 | 18n14 | 5s13 | 13n48 | 1n 7 | 22n41 | 0n 4 | 15n16 | 2s17 | 19n46 | 0n34 | 5n53 | 1s42 | 23n58 | 9n15 | 20n19 | 20n 4 | 11n 7 | 16s40 | 5n51 |

Julian Day Number = 2343979.5, Delta T = 12.59 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'45, Lahiri = 19°44'45Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## AUGUST 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 20 37 27 | 8♌22'34 | 13♐57 | 5♌ 1 | 27♍42 | 26♌59 | 15♑18 | 18♉56 | 4♌24 | 19°R 0 | 18♌52 | 0°R36 | 29♉25 | 13♏36 | 13°R31 | S 1 |
| S 2 | 20 41 24 | 9°20'01 | 27°37 | 7° 6 | 28°16 | 27°36 | 15°31 | 18°59 | 4°28 | 18♈59 | 18°54 | 0♍33 | 29°22 | 13°42 | 13♐30 | S 2 |
| M 3 | 20 45 20 | 10°17'30 | 11♑46 | 9°10 | 28°51 | 28°14 | 15°44 | 19° 2 | 4°32 | 18°59 | 18°56 | 0°28 | 29°19 | 13°49 | 13°28 | M 3 |
| T 4 | 20 49 17 | 11°14'59 | 26°21 | 11°14 | 29°27 | 28°52 | 15°57 | 19° 5 | 4°35 | 18°59 | 18°57 | 0°20 | 29°15 | 13°56 | 13°27 | T 4 |
| W 5 | 20 53 14 | 12°12'29 | 11♒16 | 13°17 | 0♋ 4 | 29°30 | 16°10 | 19° 8 | 4°39 | 18°58 | 18°59 | 0°11 | 29°12 | 14° 2 | 13°26 | W 5 |
| T 6 | 20 57 10 | 13°10'00 | 26°24 | 15°19 | 0°43 | 0♏ 8 | 16°23 | 19°11 | 4°43 | 18°58 | 19° 1 | 0° 1 | 29° 9 | 14° 9 | 13°25 | T 6 |
| F 7 | 21 1 7 | 14° 7'32 | 11♓33 | 17°19 | 1°23 | 0°46 | 16°35 | 19°13 | 4°46 | 18°57 | 19° 3 | 29♉51 | 29° 6 | 14°16 | 13°24 | F 7 |
| S 8 | 21 5 3 | 15° 5'05 | 26°33 | 19°19 | 2° 3 | 1°24 | 16°48 | 19°16 | 4°50 | 18°57 | 19° 5 | 29°43 | 29° 3 | 14°23 | 13°23 | S 8 |
| S 9 | 21 9 0 | 16° 2'40 | 11♈17 | 21°17 | 2°45 | 2° 2 | 17° 1 | 19°19 | 4°54 | 18°56 | 19° 7 | 29°37 | 29° 0 | 14°29 | 13°23 | S 9 |
| M10 | 21 12 56 | 17° 0'17 | 25°38 | 23°14 | 3°28 | 2°40 | 17°13 | 19°21 | 4°57 | 18°56 | 19° 9 | 29°33 | 28°56 | 14°36 | 13°22 | M10 |
| T 11 | 21 16 53 | 17°57'54 | 9♉35 | 25° 9 | 4°12 | 3°18 | 17°26 | 19°23 | 5° 1 | 18°55 | 19°11 | 29°32 | 28°53 | 14°43 | 13°21 | T 11 |
| W12 | 21 20 49 | 18°55'34 | 23° 9 | 27° 3 | 4°56 | 3°56 | 17°38 | 19°26 | 5° 5 | 18°55 | 19°13 | 29°31 | 28°50 | 14°50 | 13°21 | W12 |
| T 13 | 21 24 46 | 19°53'15 | 6♊20 | 28°56 | 5°42 | 4°34 | 17°51 | 19°28 | 5° 8 | 18°54 | 19°15 | 29°31 | 28°47 | 14°56 | 13°21 | T 13 |
| F 14 | 21 28 43 | 20°50'58 | 19°13 | 0♏47 | 6°28 | 5°12 | 18° 3 | 19°30 | 5°12 | 18°53 | 19°16 | 29°30 | 28°44 | 15° 3 | 13°20 | F 14 |
| S 15 | 21 32 39 | 21°48'43 | 1♋51 | 2°37 | 7°16 | 5°50 | 18°15 | 19°32 | 5°15 | 18°53 | 19°18 | 29°27 | 28°40 | 15°10 | 13°20 | S 15 |
| S 16 | 21 36 36 | 22°46'29 | 14°17 | 4°26 | 8° 4 | 6°28 | 18°28 | 19°34 | 5°19 | 18°52 | 19°20 | 29°21 | 28°37 | 15°16 | 13°D20 | S 16 |
| M17 | 21 40 32 | 23°44'16 | 26°33 | 6°13 | 8°52 | 7° 6 | 18°40 | 19°35 | 5°23 | 18°51 | 19°22 | 29°12 | 28°34 | 15°23 | 13°20 | M17 |
| T 18 | 21 44 29 | 24°42'05 | 8♌41 | 7°58 | 9°42 | 7°45 | 18°52 | 19°37 | 5°26 | 18°50 | 19°24 | 29° 0 | 28°31 | 15°30 | 13°20 | T 18 |
| W19 | 21 48 25 | 25°39'56 | 20°42 | 9°43 | 10°32 | 8°23 | 19° 4 | 19°38 | 5°30 | 18°49 | 19°26 | 28°47 | 28°28 | 15°37 | 13°20 | W19 |
| T 20 | 21 52 22 | 26°37'48 | 2♏39 | 11°26 | 11°23 | 9° 1 | 19°16 | 19°40 | 5°33 | 18°49 | 19°28 | 28°33 | 28°25 | 15°43 | 13°21 | T 20 |
| F 21 | 21 56 18 | 27°35'41 | 14°32 | 13° 7 | 12°15 | 9°39 | 19°28 | 19°41 | 5°37 | 18°48 | 19°30 | 28°19 | 28°21 | 15°50 | 13°21 | F 21 |
| S 22 | 22 0 15 | 28°33'36 | 26°23 | 14°47 | 13° 7 | 10°17 | 19°40 | 19°42 | 5°40 | 18°47 | 19°32 | 28° 7 | 28°18 | 15°57 | 13°21 | S 22 |
| S 23 | 22 4 12 | 29°31'32 | 8♎13 | 16°26 | 14° 0 | 10°56 | 19°52 | 19°43 | 5°44 | 18°46 | 19°33 | 27°57 | 28°15 | 16° 3 | 13°22 | S 23 |
| M24 | 22 8 8 | 0♏29'30 | 20° 6 | 18° 4 | 14°53 | 11°34 | 20° 4 | 19°44 | 5°47 | 18°45 | 19°35 | 27°50 | 28°12 | 16°10 | 13°23 | M24 |
| T 25 | 22 12 5 | 1°27'29 | 2♏ 4 | 19°40 | 15°48 | 12°12 | 20°15 | 19°45 | 5°51 | 18°44 | 19°37 | 27°45 | 28° 9 | 16°17 | 13°23 | T 25 |
| W26 | 22 16 1 | 2°25'30 | 14°13 | 21°15 | 16°42 | 12°51 | 20°27 | 19°46 | 5°54 | 18°43 | 19°39 | 27°44 | 28° 5 | 16°24 | 13°24 | W26 |
| T 27 | 22 19 58 | 3°23'32 | 26°36 | 22°49 | 17°37 | 13°29 | 20°39 | 19°47 | 5°57 | 18°42 | 19°41 | 27°43 | 28° 2 | 16°30 | 13°25 | T 27 |
| F 28 | 22 23 54 | 4°21'35 | 9♐18 | 24°21 | 18°33 | 14° 7 | 20°50 | 19°47 | 6° 1 | 18°41 | 19°43 | 27°43 | 27°59 | 16°37 | 13°26 | F 28 |
| S 29 | 22 27 51 | 5°19'40 | 22°24 | 25°52 | 19°29 | 14°46 | 21° 1 | 19°48 | 6° 4 | 18°40 | 19°45 | 27°42 | 27°56 | 16°44 | 13°27 | S 29 |
| S 30 | 22 31 47 | 6°17'46 | 5♑59 | 27°22 | 20°26 | 15°24 | 21°13 | 19°48 | 6° 7 | 18°39 | 19°46 | 27°40 | 27°53 | 16°50 | 13°29 | S 30 |
| M31 | 22 35 44 | 7♏15'53 | 20♑ 3 | 28♏50 | 21♋23 | 16♏ 3 | 21♋24 | 19♉48 | 6♌11 | 18♈37 | 19♌48 | 27♉35 | 27♉50 | 16♏57 | 13♐30 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| S 1 | 18n12 | 23 s41 | 1 s10 | 20n35 | 1n35 | 18n18 | 5 s10 | 13n35 | 1n 7 | 22n40 | 0n 4 | 15n16 | 2 s18 | 19n45 | 0n34 | 5n53 | 1 s42 | 23n57 | 9n15 | 20n19 | 20n 4 | 11n 4 | 16 s40 | 5n50 | S 1 |
| S 2 | 17 57 | 25 46 | 2 18 | 20 7 | 1 39 | 18 21 | 5 7 | 13 22 | 1 6 | 22 39 | 0 4 | 15 17 | 2 18 | 19 44 | 0 34 | 5 53 | 1 42 | 23 57 | 9 15 | 20 18 | 20 3 | 11 1 | 16 40 | 5 50 | S 2 |
| M 3 | 17 41 | 26 17 | 3 20 | 19 38 | 1 42 | 18 25 | 5 3 | 13 8 | 1 6 | 22 37 | 0 4 | 15 18 | 2 18 | 19 43 | 0 34 | 5 53 | 1 42 | 23 56 | 9 15 | 20 17 | 20 2 | 10 58 | 16 40 | 5 50 | M 3 |
| T 4 | 17 26 | 25 1 | 4 11 | 19 6 | 1 44 | 18 29 | 5 0 | 12 55 | 1 6 | 22 36 | 0 4 | 15 18 | 2 18 | 19 42 | 0 35 | 5 53 | 1 42 | 23 56 | 9 15 | 20 15 | 20 1 | 10 55 | 16 40 | 5 49 | T 4 |
| W 5 | 17 10 | 21 59 | 4 45 | 18 33 | 1 45 | 18 33 | 4 56 | 12 41 | 1 5 | 22 34 | 0 5 | 15 19 | 2 18 | 19 41 | 0 35 | 5 52 | 1 42 | 23 55 | 9 15 | 20 13 | 20 1 | 10 52 | 16 41 | 5 49 | W 5 |
| T 6 | 16 54 | 17 27 | 5 1 | 17 58 | 1 46 | 18 36 | 4 52 | 12 28 | 1 5 | 22 33 | 0 5 | 15 20 | 2 19 | 19 41 | 0 35 | 5 52 | 1 42 | 23 55 | 9 15 | 20 11 | 20 0 | 10 50 | 16 41 | 5 49 | T 6 |
| F 7 | 16 37 | 11 47 | 4 55 | 17 21 | 1 46 | 18 40 | 4 48 | 12 14 | 1 5 | 22 31 | 0 5 | 15 20 | 2 19 | 19 40 | 0 35 | 5 52 | 1 42 | 23 54 | 9 15 | 20 9 | 19 59 | 10 47 | 16 41 | 5 48 | F 7 |
| S 8 | 16 20 | 5 29 | 4 29 | 16 43 | 1 45 | 18 44 | 4 44 | 12 0 | 1 5 | 22 30 | 0 5 | 15 21 | 2 19 | 19 39 | 0 35 | 5 52 | 1 42 | 23 53 | 9 15 | 20 7 | 19 59 | 10 44 | 16 41 | 5 48 | S 8 |
| S 9 | 16 3 | 1n 0 | 3 46 | 16 4 | 1 44 | 18 47 | 4 40 | 11 46 | 1 4 | 22 29 | 0 5 | 15 21 | 2 19 | 19 38 | 0 35 | 5 51 | 1 42 | 23 53 | 9 15 | 20 6 | 19 58 | 10 41 | 16 42 | 5 48 | S 9 |
| M10 | 15 46 | 7 18 | 2 49 | 15 24 | 1 42 | 18 50 | 4 36 | 11 32 | 1 4 | 22 27 | 0 5 | 15 21 | 2 19 | 19 37 | 0 35 | 5 51 | 1 42 | 23 52 | 9 15 | 20 5 | 19 57 | 10 38 | 16 42 | 5 47 | M10 |
| T 11 | 15 28 | 13 4 | 1 43 | 14 44 | 1 40 | 18 54 | 4 31 | 11 18 | 1 4 | 22 26 | 0 5 | 15 22 | 2 20 | 19 36 | 0 35 | 5 51 | 1 42 | 23 52 | 9 15 | 20 5 | 19 57 | 10 36 | 16 42 | 5 47 | T 11 |
| W12 | 15 10 | 18 3 | 0 34 | 14 2 | 1 37 | 18 57 | 4 27 | 11 4 | 1 3 | 22 24 | 0 5 | 15 22 | 2 20 | 19 35 | 0 35 | 5 51 | 1 42 | 23 51 | 9 15 | 20 5 | 19 56 | 10 33 | 16 42 | 5 46 | W12 |
| T 13 | 14 52 | 22 0 | 0n36 | 13 20 | 1 34 | 18 59 | 4 22 | 10 50 | 1 3 | 22 23 | 0 5 | 15 23 | 2 20 | 19 34 | 0 35 | 5 50 | 1 42 | 23 51 | 9 15 | 20 5 | 19 55 | 10 30 | 16 43 | 5 46 | T 13 |
| F 14 | 14 34 | 24 44 | 1 42 | 12 37 | 1 30 | 19 2 | 4 18 | 10 36 | 1 3 | 22 21 | 0 5 | 15 23 | 2 20 | 19 34 | 0 35 | 5 50 | 1 42 | 23 50 | 9 15 | 20 5 | 19 55 | 10 27 | 16 43 | 5 46 | F 14 |
| S 15 | 14 16 | 26 10 | 2 42 | 11 53 | 1 26 | 19 4 | 4 13 | 10 21 | 1 3 | 22 19 | 0 6 | 15 23 | 2 20 | 19 33 | 0 35 | 5 50 | 1 42 | 23 50 | 9 16 | 20 4 | 19 54 | 10 24 | 16 44 | 5 45 | S 15 |
| S 16 | 13 57 | 26 14 | 3 33 | 11 9 | 1 21 | 19 7 | 4 8 | 10 7 | 1 2 | 22 18 | 0 6 | 15 24 | 2 21 | 19 32 | 0 35 | 5 49 | 1 42 | 23 49 | 9 16 | 20 3 | 19 53 | 10 21 | 16 44 | 5 45 | S 16 |
| M17 | 13 38 | 25 1 | 4 13 | 10 25 | 1 16 | 19 8 | 4 3 | 9 53 | 1 2 | 22 16 | 0 6 | 15 24 | 2 21 | 19 31 | 0 35 | 5 49 | 1 42 | 23 48 | 9 16 | 20 1 | 19 52 | 10 18 | 16 44 | 5 45 | M17 |
| T 18 | 13 19 | 22 38 | 4 41 | 9 41 | 1 10 | 19 10 | 3 58 | 9 38 | 1 2 | 22 15 | 0 6 | 15 24 | 2 21 | 19 30 | 0 35 | 5 49 | 1 43 | 23 48 | 9 16 | 19 58 | 19 52 | 10 16 | 16 45 | 5 44 | T 18 |
| W19 | 12 59 | 19 17 | 4 56 | 8 56 | 1 5 | 19 11 | 3 53 | 9 23 | 1 1 | 22 13 | 0 6 | 15 24 | 2 21 | 19 29 | 0 35 | 5 48 | 1 43 | 23 47 | 9 16 | 19 55 | 19 51 | 10 13 | 16 45 | 5 44 | W19 |
| T 20 | 12 40 | 15 11 | 4 59 | 8 12 | 0 59 | 19 12 | 3 48 | 9 9 | 1 1 | 22 12 | 0 6 | 15 24 | 2 22 | 19 28 | 0 35 | 5 48 | 1 43 | 23 47 | 9 16 | 19 52 | 19 50 | 10 10 | 16 46 | 5 43 | T 20 |
| F 21 | 12 20 | 10 31 | 4 48 | 7 27 | 0 52 | 19 13 | 3 43 | 8 54 | 1 1 | 22 10 | 0 6 | 15 25 | 2 22 | 19 28 | 0 35 | 5 48 | 1 43 | 23 46 | 9 16 | 19 49 | 19 50 | 10 7 | 16 46 | 5 43 | F 21 |
| S 22 | 12 0 | 5 29 | 4 24 | 6 42 | 0 46 | 19 13 | 3 38 | 8 39 | 1 0 | 22 8 | 0 6 | 15 25 | 2 22 | 19 27 | 0 35 | 5 47 | 1 43 | 23 46 | 9 16 | 19 46 | 19 49 | 10 4 | 16 46 | 5 43 | S 22 |
| S 23 | 11 39 | 0 15 | 3 50 | 5 58 | 0 39 | 19 13 | 3 32 | 8 24 | 1 0 | 22 7 | 0 6 | 15 25 | 2 22 | 19 26 | 0 35 | 5 47 | 1 43 | 23 45 | 9 16 | 19 44 | 19 48 | 10 1 | 16 47 | 5 42 | S 23 |
| M24 | 11 19 | 5 s 1 | 3 5 | 5 13 | 0 32 | 19 13 | 3 27 | 8 10 | 1 0 | 22 5 | 0 7 | 15 25 | 2 22 | 19 25 | 0 35 | 5 46 | 1 43 | 23 45 | 9 16 | 19 43 | 19 47 | 9 58 | 16 47 | 5 42 | M24 |
| T 25 | 10 58 | 10 10 | 2 11 | 4 29 | 0 25 | 19 12 | 3 22 | 7 55 | 1 0 | 22 3 | 0 7 | 15 25 | 2 23 | 19 24 | 0 35 | 5 46 | 1 43 | 23 44 | 9 17 | 19 42 | 19 47 | 9 55 | 16 48 | 5 41 | T 25 |
| W26 | 10 38 | 15 0 | 1 11 | 3 44 | 0 17 | 19 11 | 3 16 | 7 40 | 0 59 | 22 2 | 0 7 | 15 25 | 2 23 | 19 23 | 0 35 | 5 45 | 1 43 | 23 44 | 9 17 | 19 41 | 19 46 | 9 53 | 16 48 | 5 41 | W26 |
| T 27 | 10 17 | 19 20 | 0 6 | 3 0 | 0 10 | 19 10 | 3 11 | 7 25 | 0 59 | 22 0 | 0 7 | 15 25 | 2 23 | 19 23 | 0 35 | 5 45 | 1 43 | 23 43 | 9 17 | 19 41 | 19 45 | 9 50 | 16 49 | 5 41 | T 27 |
| F 28 | 9 56 | 22 53 | 1 s 1 | 2 17 | 0 2 | 19 8 | 3 6 | 7 9 | 0 59 | 21 59 | 0 7 | 15 25 | 2 23 | 19 22 | 0 35 | 5 45 | 1 43 | 23 43 | 9 17 | 19 41 | 19 45 | 9 47 | 16 49 | 5 40 | F 28 |
| S 29 | 9 34 | 25 22 | 2 7 | 1 33 | 0 s 6 | 19 5 | 3 0 | 6 54 | 0 58 | 21 57 | 0 7 | 15 25 | 2 24 | 19 21 | 0 35 | 5 44 | 1 43 | 23 42 | 9 17 | 19 41 | 19 44 | 9 44 | 16 50 | 5 40 | S 29 |
| S 30 | 9 13 | 26 28 | 3 8 | 0 50 | 0 14 | 19 2 | 2 55 | 6 39 | 0 58 | 21 55 | 0 7 | 15 25 | 2 24 | 19 20 | 0 35 | 5 44 | 1 43 | 23 42 | 9 17 | 19 40 | 19 43 | 9 41 | 16 50 | 5 39 | S 30 |
| M31 | 8n51 | 25 s55 | 3 s59 | 0n 8 | 0 s22 | 18n59 | 2 s49 | 6n24 | 0n58 | 21n54 | 0n 7 | 15n24 | 2 s24 | 19n19 | 0n35 | 5n43 | 1 s43 | 23n42 | 9n17 | 19n39 | 19n43 | 9n38 | 16 s51 | 5n39 | M31 |

Julian Day Number = 2344010.5, Delta T = 12.57 sec
Ecliptic obliquity = 23°28'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'49, Lahiri = 19°44'50Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## SEPTEMBER 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 39 41 | 8♍14'02 | 4♒37 | 0♎18 | 22♋21 | 16♍41 | 21♋35 | 19♉48 | 6♌14 | 18°R36 | 19♌50 | 27°R27 | 27♉46 | 17♍ 4 | 13♐31 | T 1 |
| W 2 | 22 43 37 | 9°12'13 | 19°35 | 1°44 | 23°19 | 17°20 | 21°46 | 19°R48 | 6°17 | 18♈35 | 19°52 | 27♉18 | 27°43 | 17°11 | 13°33 | W 2 |
| T 3 | 22 47 34 | 10°10'25 | 4♓50 | 3° 8 | 24°17 | 17°58 | 21°57 | 19°48 | 6°21 | 18°34 | 19°54 | 27° 7 | 27°40 | 17°17 | 13°34 | T 3 |
| F 4 | 22 51 30 | 11° 8'39 | 20°10 | 4°31 | 25°16 | 18°37 | 22° 8 | 19°48 | 6°24 | 18°33 | 19°56 | 26°57 | 27°37 | 17°24 | 13°36 | F 4 |
| S 5 | 22 55 27 | 12° 6'55 | 5♈25 | 5°53 | 26°16 | 19°15 | 22°19 | 19°48 | 6°27 | 18°31 | 19°57 | 26°48 | 27°34 | 17°31 | 13°38 | S 5 |
| S 6 | 22 59 23 | 13° 5'12 | 20°23 | 7°13 | 27°15 | 19°54 | 22°30 | 19°47 | 6°30 | 18°30 | 19°59 | 26°41 | 27°31 | 17°37 | 13°40 | S 6 |
| M 7 | 23 3 20 | 14° 3'32 | 4♉58 | 8°32 | 28°16 | 20°32 | 22°40 | 19°47 | 6°33 | 18°29 | 20° 1 | 26°37 | 27°27 | 17°44 | 13°41 | M 7 |
| T 8 | 23 7 16 | 15° 1'54 | 19° 5 | 9°50 | 29°16 | 21°11 | 22°51 | 19°46 | 6°36 | 18°27 | 20° 3 | 26°36 | 27°24 | 17°51 | 13°43 | T 8 |
| W 9 | 23 11 13 | 16° 0'18 | 2♊44 | 11° 5 | 0♌17 | 21°50 | 23° 1 | 19°45 | 6°39 | 18°26 | 20° 4 | 26°D36 | 27°21 | 17°58 | 13°46 | W 9 |
| T 10 | 23 15 10 | 16°58'44 | 15°58 | 12°20 | 1°19 | 22°28 | 23°12 | 19°45 | 6°42 | 18°25 | 20° 6 | 26°R36 | 27°18 | 18° 4 | 13°48 | T 10 |
| F 11 | 23 19 6 | 17°57'12 | 28°49 | 13°32 | 2°20 | 23° 7 | 23°22 | 19°44 | 6°45 | 18°23 | 20° 8 | 26°35 | 27°15 | 18°11 | 13°50 | F 11 |
| S 12 | 23 23 3 | 18°55'43 | 11♋21 | 14°43 | 3°22 | 23°46 | 23°32 | 19°43 | 6°48 | 18°22 | 20°10 | 26°33 | 27°11 | 18°18 | 13°52 | S 12 |
| S 13 | 23 26 59 | 19°54'16 | 23°39 | 15°51 | 4°25 | 24°25 | 23°42 | 19°42 | 6°51 | 18°21 | 20°11 | 26°28 | 27° 8 | 18°24 | 13°55 | S 13 |
| M14 | 23 30 56 | 20°52'50 | 5♌47 | 16°58 | 5°27 | 25° 3 | 23°52 | 19°40 | 6°54 | 18°19 | 20°13 | 26°21 | 27° 5 | 18°31 | 13°57 | M14 |
| T 15 | 23 34 52 | 21°51'27 | 17°47 | 18° 3 | 6°30 | 25°42 | 24° 2 | 19°39 | 6°57 | 18°18 | 20°15 | 26°11 | 27° 2 | 18°38 | 14° 0 | T 15 |
| W16 | 23 38 49 | 22°50'06 | 29°42 | 19° 5 | 7°34 | 26°21 | 24°12 | 19°37 | 7° 0 | 18°16 | 20°16 | 26° 0 | 26°59 | 18°45 | 14° 3 | W16 |
| T 17 | 23 42 45 | 23°48'47 | 11♍34 | 20° 5 | 8°37 | 27° 0 | 24°22 | 19°36 | 7° 3 | 18°15 | 20°18 | 25°48 | 26°56 | 18°51 | 14° 6 | T 17 |
| F 18 | 23 46 42 | 24°47'30 | 23°26 | 21° 3 | 9°41 | 27°39 | 24°31 | 19°34 | 7° 6 | 18°13 | 20°20 | 25°36 | 26°52 | 18°58 | 14° 8 | F 18 |
| S 19 | 23 50 39 | 25°46'15 | 5♎17 | 21°57 | 10°45 | 28°18 | 24°41 | 19°32 | 7° 8 | 18°12 | 20°21 | 25°25 | 26°49 | 19° 5 | 14°11 | S 19 |
| S 20 | 23 54 35 | 26°45'02 | 17°11 | 22°49 | 11°50 | 28°57 | 24°50 | 19°30 | 7°11 | 18°10 | 20°23 | 25°17 | 26°46 | 19°11 | 14°14 | S 20 |
| M21 | 23 58 32 | 27°43'51 | 29° 8 | 23°37 | 12°54 | 29°36 | 24°59 | 19°28 | 7°14 | 18° 9 | 20°24 | 25°11 | 26°43 | 19°18 | 14°18 | M21 |
| T 22 | 0 2 28 | 28°42'42 | 11♏12 | 24°22 | 13°59 | 0♎15 | 25° 9 | 19°26 | 7°16 | 18° 7 | 20°26 | 25° 8 | 26°40 | 19°25 | 14°21 | T 22 |
| W23 | 0 6 25 | 29°41'34 | 23°25 | 25° 3 | 15° 4 | 0°54 | 25°18 | 19°24 | 7°19 | 18° 6 | 20°28 | 25°D 7 | 26°37 | 19°32 | 14°24 | W23 |
| T 24 | 0 10 21 | 0♎40'29 | 5♐51 | 25°40 | 16°10 | 1°33 | 25°26 | 19°22 | 7°22 | 18° 4 | 20°29 | 25° 7 | 26°33 | 19°38 | 14°27 | T 24 |
| F 25 | 0 14 18 | 1°39'25 | 18°33 | 26°12 | 17°16 | 2°12 | 25°35 | 19°20 | 7°24 | 18° 2 | 20°31 | 25° 8 | 26°30 | 19°45 | 14°31 | F 25 |
| S 26 | 0 18 14 | 2°38'23 | 1♑36 | 26°39 | 18°22 | 2°51 | 25°44 | 19°17 | 7°27 | 18° 1 | 20°32 | 25°R 9 | 26°27 | 19°52 | 14°34 | S 26 |
| S 27 | 0 22 11 | 3°37'23 | 15° 3 | 27° 2 | 19°28 | 3°30 | 25°52 | 19°14 | 7°29 | 17°59 | 20°34 | 25° 8 | 26°24 | 19°58 | 14°38 | S 27 |
| M28 | 0 26 7 | 4°36'24 | 28°58 | 27°18 | 20°34 | 4°10 | 26° 1 | 19°12 | 7°32 | 17°58 | 20°35 | 25° 6 | 26°21 | 20° 5 | 14°42 | M28 |
| T 29 | 0 30 4 | 5°35'28 | 13♒19 | 27°28 | 21°41 | 4°49 | 26° 9 | 19° 9 | 7°34 | 17°56 | 20°37 | 25° 1 | 26°17 | 20°12 | 14°46 | T 29 |
| W30 | 0 34 1 | 6♎34'33 | 28♒ 5 | 27°R32 | 22♌48 | 5♎28 | 26♋17 | 19♉ 6 | 7♌36 | 17♈54 | 20♌38 | 24♉55 | 26♉14 | 20♍19 | 14♐49 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 8n30 | 23s38 | 4s38 | 0s35 | 0s30 | 18n56 | 2s44 | 6n 9 | 0n57 | 21n52 | 0n 7 | 15n24 | 2s24 | 19n19 | 0n35 | 5n43 | 1s43 | 23n41 | 9n18 | 19n37 | 19n42 | 9n35 | 16s52 | 5n39 |
| W 2 | 8 8 | 19 41 | 4 58 | 1 16 | 0 38 | 18 51 | 2 39 | 5 53 | 0 57 | 21 50 | 0 8 | 15 24 | 2 24 | 19 18 | 0 35 | 5 42 | 1 43 | 23 41 | 9 18 | 19 35 | 19 41 | 9 32 | 16 52 | 5 38 |
| T 3 | 7 46 | 14 23 | 4 58 | 1 58 | 0 47 | 18 47 | 2 33 | 5 38 | 0 57 | 21 49 | 0 8 | 15 24 | 2 25 | 19 17 | 0 35 | 5 42 | 1 43 | 23 40 | 9 18 | 19 33 | 19 40 | 9 29 | 16 53 | 5 38 |
| F 4 | 7 24 | 8 8 | 4 37 | 2 38 | 0 55 | 18 42 | 2 28 | 5 22 | 0 56 | 21 47 | 0 8 | 15 23 | 2 25 | 19 16 | 0 35 | 5 41 | 1 43 | 23 40 | 9 18 | 19 30 | 19 40 | 9 26 | 16 53 | 5 37 |
| S 5 | 7 2 | 1 27 | 3 56 | 3 18 | 1 3 | 18 36 | 2 22 | 5 7 | 0 56 | 21 45 | 0 8 | 15 23 | 2 25 | 19 15 | 0 35 | 5 41 | 1 43 | 23 39 | 9 18 | 19 28 | 19 39 | 9 24 | 16 54 | 5 37 |
| S 6 | 6 39 | 5n13 | 2 59 | 3 58 | 1 12 | 18 30 | 2 17 | 4 52 | 0 56 | 21 44 | 0 8 | 15 23 | 2 25 | 19 15 | 0 35 | 5 40 | 1 43 | 23 39 | 9 18 | 19 27 | 19 38 | 9 21 | 16 54 | 5 37 |
| M 7 | 6 17 | 11 26 | 1 52 | 4 37 | 1 20 | 18 24 | 2 11 | 4 36 | 0 55 | 21 42 | 0 8 | 15 23 | 2 25 | 19 14 | 0 35 | 5 40 | 1 43 | 23 38 | 9 19 | 19 26 | 19 37 | 9 18 | 16 55 | 5 36 |
| T 8 | 5 54 | 16 53 | 0 40 | 5 15 | 1 28 | 18 17 | 2 6 | 4 20 | 0 55 | 21 41 | 0 8 | 15 22 | 2 26 | 19 13 | 0 35 | 5 39 | 1 43 | 23 38 | 9 19 | 19 26 | 19 37 | 9 15 | 16 56 | 5 36 |
| W 9 | 5 32 | 21 17 | 0n33 | 5 53 | 1 37 | 18 10 | 2 0 | 4 5 | 0 54 | 21 39 | 0 8 | 15 22 | 2 26 | 19 12 | 0 35 | 5 39 | 1 44 | 23 38 | 9 19 | 19 26 | 19 36 | 9 12 | 16 56 | 5 35 |
| T 10 | 5 9 | 24 25 | 1 41 | 6 29 | 1 45 | 18 2 | 1 55 | 3 49 | 0 54 | 21 37 | 0 9 | 15 21 | 2 26 | 19 12 | 0 35 | 5 38 | 1 44 | 23 37 | 9 19 | 19 26 | 19 35 | 9 9 | 16 57 | 5 35 |
| F 11 | 4 46 | 26 11 | 2 42 | 7 5 | 1 53 | 17 54 | 1 50 | 3 34 | 0 54 | 21 36 | 0 9 | 15 21 | 2 26 | 19 11 | 0 35 | 5 37 | 1 44 | 23 37 | 9 19 | 19 26 | 19 35 | 9 6 | 16 58 | 5 35 |
| S 12 | 4 23 | 26 33 | 3 34 | 7 40 | 2 1 | 17 45 | 1 44 | 3 18 | 0 53 | 21 34 | 0 9 | 15 20 | 2 27 | 19 10 | 0 35 | 5 37 | 1 44 | 23 36 | 9 19 | 19 25 | 19 34 | 9 3 | 16 58 | 5 34 |
| S 13 | 4 0 | 25 35 | 4 15 | 8 14 | 2 9 | 17 35 | 1 39 | 3 2 | 0 53 | 21 32 | 0 9 | 15 20 | 2 27 | 19 9 | 0 35 | 5 36 | 1 44 | 23 36 | 9 20 | 19 24 | 19 33 | 9 0 | 16 59 | 5 34 |
| M14 | 3 37 | 23 26 | 4 44 | 8 47 | 2 17 | 17 26 | 1 34 | 2 46 | 0 53 | 21 31 | 0 9 | 15 19 | 2 27 | 19 9 | 0 35 | 5 36 | 1 44 | 23 36 | 9 20 | 19 22 | 19 32 | 8 57 | 17 0 | 5 33 |
| T 15 | 3 14 | 20 16 | 4 59 | 9 19 | 2 25 | 17 15 | 1 28 | 2 31 | 0 52 | 21 29 | 0 9 | 15 19 | 2 27 | 19 8 | 0 35 | 5 35 | 1 44 | 23 35 | 9 20 | 19 20 | 19 32 | 8 54 | 17 0 | 5 33 |
| W16 | 2 51 | 16 18 | 5 2 | 9 50 | 2 33 | 17 4 | 1 23 | 2 15 | 0 52 | 21 28 | 0 9 | 15 18 | 2 27 | 19 7 | 0 35 | 5 35 | 1 44 | 23 35 | 9 20 | 19 17 | 19 31 | 8 51 | 17 1 | 5 33 |
| T 17 | 2 28 | 11 43 | 4 51 | 10 20 | 2 40 | 16 53 | 1 18 | 1 59 | 0 52 | 21 26 | 0 9 | 15 18 | 2 27 | 19 7 | 0 35 | 5 34 | 1 44 | 23 35 | 9 21 | 19 14 | 19 30 | 8 48 | 17 2 | 5 32 |
| F 18 | 2 4 | 6 43 | 4 28 | 10 48 | 2 47 | 16 41 | 1 13 | 1 43 | 0 51 | 21 25 | 0 10 | 15 17 | 2 28 | 19 6 | 0 35 | 5 33 | 1 44 | 23 34 | 9 21 | 19 12 | 19 29 | 8 45 | 17 2 | 5 32 |
| S 19 | 1 41 | 1 28 | 3 53 | 11 15 | 2 54 | 16 29 | 1 7 | 1 27 | 0 51 | 21 23 | 0 10 | 15 16 | 2 28 | 19 5 | 0 35 | 5 33 | 1 44 | 23 34 | 9 21 | 19 9 | 19 29 | 8 42 | 17 3 | 5 32 |
| S 20 | 1 18 | 3s52 | 3 8 | 11 40 | 3 0 | 16 16 | 1 2 | 1 11 | 0 50 | 21 21 | 0 10 | 15 16 | 2 28 | 19 5 | 0 35 | 5 32 | 1 44 | 23 34 | 9 21 | 19 7 | 19 28 | 8 40 | 17 4 | 5 31 |
| M21 | 0 54 | 9 6 | 2 14 | 12 4 | 3 7 | 16 3 | 0 57 | 0 56 | 0 50 | 21 20 | 0 10 | 15 15 | 2 28 | 19 4 | 0 35 | 5 32 | 1 44 | 23 33 | 9 21 | 19 6 | 19 27 | 8 37 | 17 5 | 5 31 |
| T 22 | 0 31 | 14 3 | 1 14 | 12 26 | 3 12 | 15 49 | 0 52 | 0 40 | 0 50 | 21 18 | 0 10 | 15 14 | 2 28 | 19 3 | 0 36 | 5 31 | 1 44 | 23 33 | 9 22 | 19 5 | 19 27 | 8 34 | 17 5 | 5 30 |
| W23 | 0 7 | 18 31 | 0 9 | 12 46 | 3 18 | 15 35 | 0 47 | 0 24 | 0 49 | 21 17 | 0 10 | 15 13 | 2 29 | 19 3 | 0 36 | 5 30 | 1 44 | 23 33 | 9 22 | 19 5 | 19 26 | 8 31 | 17 6 | 5 30 |
| T 24 | 0s16 | 22 15 | 0s57 | 13 4 | 3 22 | 15 21 | 0 42 | 0 8 | 0 49 | 21 15 | 0 10 | 15 13 | 2 29 | 19 2 | 0 36 | 5 30 | 1 44 | 23 33 | 9 22 | 19 5 | 19 25 | 8 28 | 17 7 | 5 30 |
| F 25 | 0 40 | 25 1 | 2 3 | 13 20 | 3 27 | 15 6 | 0 37 | 0s 8 | 0 49 | 21 14 | 0 10 | 15 12 | 2 29 | 19 1 | 0 36 | 5 29 | 1 44 | 23 32 | 9 22 | 19 5 | 19 24 | 8 25 | 17 7 | 5 29 |
| S 26 | 1 3 | 26 31 | 3 3 | 13 34 | 3 30 | 14 50 | 0 33 | 0 24 | 0 48 | 21 12 | 0 11 | 15 11 | 2 29 | 19 1 | 0 36 | 5 28 | 1 44 | 23 32 | 9 23 | 19 5 | 19 24 | 8 22 | 17 8 | 5 29 |
| S 27 | 1 27 | 26 32 | 3 56 | 13 44 | 3 33 | 14 34 | 0 28 | 0 40 | 0 48 | 21 11 | 0 11 | 15 10 | 2 29 | 19 0 | 0 36 | 5 28 | 1 44 | 23 32 | 9 23 | 19 5 | 19 23 | 8 19 | 17 9 | 5 29 |
| M28 | 1 50 | 24 54 | 4 36 | 13 52 | 3 35 | 14 18 | 0 23 | 0 56 | 0 47 | 21 9 | 0 11 | 15 9 | 2 29 | 19 0 | 0 36 | 5 27 | 1 44 | 23 32 | 9 23 | 19 4 | 19 22 | 8 16 | 17 10 | 5 28 |
| T 29 | 2 13 | 21 39 | 5 1 | 13 57 | 3 36 | 14 1 | 0 19 | 1 12 | 0 47 | 21 8 | 0 11 | 15 8 | 2 30 | 18 59 | 0 36 | 5 27 | 1 44 | 23 31 | 9 23 | 19 3 | 19 21 | 8 13 | 17 10 | 5 28 |
| W30 | 2s37 | 16s57 | 5s 7 | 13s58 | 3s36 | 13n43 | 0s14 | 1s28 | 0n47 | 21n 7 | 0n11 | 15n 8 | 2s30 | 18n59 | 0n36 | 5n26 | 1s44 | 23n31 | 9n24 | 19n 2 | 19n21 | 8n10 | 17s11 | 5n28 |

Julian Day Number = 2344041.5, Delta T = 12.55 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'53, Lahiri = 19°44'54Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## OCTOBER 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 0 37 57 | 7♎33'39 | 13♓10 | 27°R29 | 23♌55 | 6♎ 7 | 26♋25 | 19°R 3 | 7♌39 | 17°R53 | 20♌39 | 24°R48 | 26♉11 | 20♍25 | 14♐53 | T 1 |
| F 2 | 0 41 54 | 8°32'48 | 28°24 | 27♎18 | 25° 2 | 6°47 | 26°33 | 19♉ 0 | 7°41 | 17♈51 | 20°41 | 24♉41 | 26° 8 | 20°32 | 14°57 | F 2 |
| S 3 | 0 45 50 | 9°31'59 | 13♈37 | 27° 0 | 26° 9 | 7°26 | 26°41 | 18°57 | 7°43 | 17°49 | 20°42 | 24°35 | 26° 5 | 20°39 | 15° 1 | S 3 |
| S 4 | 0 49 47 | 10°31'11 | 28°40 | 26°33 | 27°17 | 8° 5 | 26°48 | 18°54 | 7°45 | 17°48 | 20°43 | 24°30 | 26° 2 | 20°45 | 15° 5 | S 4 |
| M 5 | 0 53 43 | 11°30'26 | 13♉22 | 25°59 | 28°25 | 8°45 | 26°56 | 18°51 | 7°47 | 17°46 | 20°45 | 24°28 | 25°58 | 20°52 | 15°10 | M 5 |
| T 6 | 0 57 40 | 12°29'44 | 27°38 | 25°16 | 29°33 | 9°24 | 27° 3 | 18°47 | 7°49 | 17°44 | 20°46 | 24°D27 | 25°55 | 20°59 | 15°14 | T 6 |
| W 7 | 1 1 36 | 13°29'03 | 11♊27 | 24°26 | 0♍41 | 10° 4 | 27°10 | 18°44 | 7°51 | 17°43 | 20°47 | 24°28 | 25°52 | 21° 5 | 15°18 | W 7 |
| T 8 | 1 5 33 | 14°28'25 | 24°48 | 23°29 | 1°50 | 10°43 | 27°18 | 18°40 | 7°53 | 17°41 | 20°49 | 24°30 | 25°49 | 21°12 | 15°23 | T 8 |
| F 9 | 1 9 30 | 15°27'49 | 7♋44 | 22°25 | 2°58 | 11°23 | 27°24 | 18°37 | 7°55 | 17°39 | 20°50 | 24°31 | 25°46 | 21°19 | 15°27 | F 9 |
| S 10 | 1 13 26 | 16°27'16 | 20°18 | 21°17 | 4° 7 | 12° 2 | 27°31 | 18°33 | 7°57 | 17°38 | 20°51 | 24°R31 | 25°43 | 21°26 | 15°32 | S 10 |
| S 11 | 1 17 23 | 17°26'45 | 2♌36 | 20° 5 | 5°16 | 12°42 | 27°38 | 18°29 | 7°59 | 17°36 | 20°52 | 24°30 | 25°39 | 21°32 | 15°36 | S 11 |
| M12 | 1 21 19 | 18°26'16 | 14°41 | 18°52 | 6°25 | 13°21 | 27°44 | 18°26 | 8° 1 | 17°34 | 20°54 | 24°27 | 25°36 | 21°39 | 15°41 | M12 |
| T 13 | 1 25 16 | 19°25'49 | 26°38 | 17°39 | 7°34 | 14° 1 | 27°51 | 18°22 | 8° 2 | 17°33 | 20°55 | 24°22 | 25°33 | 21°46 | 15°46 | T 13 |
| W14 | 1 29 12 | 20°25'25 | 8♍30 | 16°29 | 8°44 | 14°41 | 27°57 | 18°18 | 8° 4 | 17°31 | 20°56 | 24°17 | 25°30 | 21°52 | 15°51 | W14 |
| T 15 | 1 33 9 | 21°25'03 | 20°21 | 15°24 | 9°54 | 15°21 | 28° 3 | 18°14 | 8° 6 | 17°29 | 20°57 | 24°11 | 25°27 | 21°59 | 15°55 | T 15 |
| F 16 | 1 37 5 | 22°24'42 | 2♎13 | 14°25 | 11° 3 | 16° 0 | 28° 9 | 18°10 | 8° 7 | 17°28 | 20°58 | 24° 5 | 25°23 | 22° 6 | 16° 0 | F 16 |
| S 17 | 1 41 2 | 23°24'24 | 14° 8 | 13°35 | 12°13 | 16°40 | 28°14 | 18° 5 | 8° 9 | 17°26 | 20°59 | 23°59 | 25°20 | 22°13 | 16° 5 | S 17 |
| S 18 | 1 44 59 | 24°24'09 | 26° 9 | 12°55 | 13°23 | 17°20 | 28°20 | 18° 1 | 8°10 | 17°24 | 21° 0 | 23°55 | 25°17 | 22°19 | 16°10 | S 18 |
| M19 | 1 48 55 | 25°23'55 | 8♏16 | 12°25 | 14°34 | 18° 0 | 28°25 | 17°57 | 8°12 | 17°23 | 21° 1 | 23°52 | 25°14 | 22°26 | 16°15 | M19 |
| T 20 | 1 52 52 | 26°23'43 | 20°32 | 12° 6 | 15°44 | 18°40 | 28°30 | 17°53 | 8°13 | 17°21 | 21° 2 | 23°D51 | 25°11 | 22°33 | 16°21 | T 20 |
| W21 | 1 56 48 | 27°23'33 | 2♐57 | 11°D59 | 16°54 | 19°20 | 28°35 | 17°48 | 8°15 | 17°19 | 21° 3 | 23°52 | 25° 8 | 22°39 | 16°26 | W21 |
| T 22 | 2 0 45 | 28°23'24 | 15°35 | 12° 3 | 18° 5 | 20° 0 | 28°40 | 17°44 | 8°16 | 17°18 | 21° 4 | 23°53 | 25° 4 | 22°46 | 16°31 | T 22 |
| F 23 | 2 4 41 | 29°23'18 | 28°26 | 12°18 | 19°16 | 20°40 | 28°45 | 17°39 | 8°17 | 17°16 | 21° 5 | 23°55 | 25° 1 | 22°53 | 16°37 | F 23 |
| S 24 | 2 8 38 | 0♏23'13 | 11♑34 | 12°43 | 20°27 | 21°20 | 28°49 | 17°35 | 8°18 | 17°14 | 21° 6 | 23°56 | 24°58 | 23° 0 | 16°42 | S 24 |
| S 25 | 2 12 34 | 1°23'10 | 25° 1 | 13°18 | 21°37 | 22° 0 | 28°54 | 17°30 | 8°19 | 17°13 | 21° 7 | 23°R57 | 24°55 | 23° 6 | 16°47 | S 25 |
| M26 | 2 16 31 | 2°23'09 | 8♒48 | 14° 1 | 22°49 | 22°40 | 28°58 | 17°26 | 8°20 | 17°11 | 21° 7 | 23°57 | 24°52 | 23°13 | 16°53 | M26 |
| T 27 | 2 20 28 | 3°23'09 | 22°55 | 14°52 | 24° 0 | 23°20 | 29° 2 | 17°21 | 8°21 | 17°10 | 21° 8 | 23°56 | 24°48 | 23°20 | 16°58 | T 27 |
| W28 | 2 24 24 | 4°23'11 | 7♓22 | 15°50 | 25°11 | 24° 0 | 29° 6 | 17°16 | 8°22 | 17° 8 | 21° 9 | 23°54 | 24°45 | 23°26 | 17° 4 | W28 |
| T 29 | 2 28 21 | 5°23'14 | 22° 5 | 16°54 | 26°23 | 24°40 | 29° 9 | 17°12 | 8°23 | 17° 6 | 21°10 | 23°52 | 24°42 | 23°33 | 17°10 | T 29 |
| F 30 | 2 32 17 | 6°23'19 | 6♈57 | 18° 4 | 27°34 | 25°20 | 29°13 | 17° 7 | 8°24 | 17° 5 | 21°10 | 23°49 | 24°39 | 23°40 | 17°15 | F 30 |
| S 31 | 2 36 14 | 7♏23'25 | 21♈52 | 19♎18 | 28♍46 | 26♎ 1 | 29♋16 | 17♉ 2 | 8♌25 | 17♈ 3 | 21♌11 | 23♉47 | 24♉36 | 23♍46 | 17♐21 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 3s 0 | 11s 7 | 4s52 | 13s56 | 3s35 | 13n26 | 0s 9 | 1s44 | 0n46 | 21n 5 | 0n11 | 15n 7 | 2s30 | 18n58 | 0n36 | 5n25 | 1s44 | 23n31 | 9n24 | 19n 0 | 19n20 | 8n 7 | 17s12 | 5n27 |
| F 2 | 3 24 | 4 33 | 4 16 | 13 50 | 3 33 | 13 7 | 0 5 | 2 0 | 0 46 | 21 4 | 0 11 | 15 6 | 2 30 | 18 57 | 0 36 | 5 25 | 1 44 | 23 31 | 9 24 | 18 58 | 19 19 | 8 4 | 17 13 | 5 27 |
| S 3 | 3 47 | 2n17 | 3 22 | 13 40 | 3 29 | 12 49 | 0 0 | 2 16 | 0 45 | 21 3 | 0 12 | 15 5 | 2 30 | 18 57 | 0 36 | 5 24 | 1 44 | 23 30 | 9 24 | 18 57 | 19 18 | 8 1 | 17 13 | 5 27 |
| S 4 | 4 10 | 8 55 | 2 15 | 13 25 | 3 23 | 12 30 | 0n 4 | 2 32 | 0 45 | 21 1 | 0 12 | 15 4 | 2 30 | 18 56 | 0 36 | 5 23 | 1 44 | 23 30 | 9 25 | 18 56 | 19 18 | 7 58 | 17 14 | 5 26 |
| M 5 | 4 34 | 14 56 | 1 0 | 13 6 | 3 16 | 12 10 | 0 8 | 2 47 | 0 45 | 21 0 | 0 12 | 15 3 | 2 30 | 18 56 | 0 36 | 5 23 | 1 44 | 23 30 | 9 25 | 18 55 | 19 17 | 7 55 | 17 15 | 5 26 |
| T 6 | 4 57 | 19 57 | 0n17 | 12 42 | 3 7 | 11 51 | 0 12 | 3 3 | 0 44 | 20 59 | 0 12 | 15 2 | 2 31 | 18 55 | 0 36 | 5 22 | 1 44 | 23 30 | 9 25 | 18 55 | 19 16 | 7 52 | 17 16 | 5 26 |
| W 7 | 5 20 | 23 42 | 1 31 | 12 13 | 2 56 | 11 30 | 0 16 | 3 19 | 0 44 | 20 57 | 0 12 | 15 1 | 2 31 | 18 55 | 0 36 | 5 21 | 1 44 | 23 30 | 9 26 | 18 55 | 19 15 | 7 49 | 17 16 | 5 26 |
| T 8 | 5 43 | 26 0 | 2 37 | 11 40 | 2 44 | 11 10 | 0 21 | 3 35 | 0 43 | 20 56 | 0 12 | 14 59 | 2 31 | 18 54 | 0 36 | 5 21 | 1 44 | 23 30 | 9 26 | 18 56 | 19 15 | 7 46 | 17 17 | 5 25 |
| F 9 | 6 6 | 26 48 | 3 33 | 11 3 | 2 29 | 10 49 | 0 25 | 3 51 | 0 43 | 20 55 | 0 12 | 14 58 | 2 31 | 18 54 | 0 36 | 5 20 | 1 44 | 23 29 | 9 26 | 18 56 | 19 14 | 7 43 | 17 18 | 5 25 |
| S 10 | 6 29 | 26 11 | 4 17 | 10 22 | 2 13 | 10 27 | 0 28 | 4 7 | 0 42 | 20 54 | 0 13 | 14 57 | 2 31 | 18 54 | 0 36 | 5 20 | 1 44 | 23 29 | 9 26 | 18 56 | 19 13 | 7 40 | 17 19 | 5 25 |
| S 11 | 6 52 | 24 18 | 4 49 | 9 38 | 1 55 | 10 6 | 0 32 | 4 23 | 0 42 | 20 53 | 0 13 | 14 56 | 2 31 | 18 53 | 0 36 | 5 19 | 1 44 | 23 29 | 9 27 | 18 56 | 19 12 | 7 37 | 17 19 | 5 24 |
| M12 | 7 14 | 21 20 | 5 6 | 8 53 | 1 36 | 9 44 | 0 36 | 4 39 | 0 42 | 20 51 | 0 13 | 14 55 | 2 31 | 18 53 | 0 36 | 5 18 | 1 44 | 23 29 | 9 27 | 18 55 | 19 12 | 7 34 | 17 20 | 5 24 |
| T 13 | 7 37 | 17 31 | 5 11 | 8 7 | 1 16 | 9 21 | 0 40 | 4 54 | 0 41 | 20 50 | 0 13 | 14 54 | 2 31 | 18 52 | 0 36 | 5 18 | 1 44 | 23 29 | 9 27 | 18 54 | 19 11 | 7 31 | 17 21 | 5 24 |
| W14 | 7 59 | 13 3 | 5 2 | 7 21 | 0 56 | 8 59 | 0 43 | 5 10 | 0 41 | 20 49 | 0 13 | 14 53 | 2 32 | 18 52 | 0 36 | 5 17 | 1 44 | 23 29 | 9 28 | 18 52 | 19 10 | 7 28 | 17 22 | 5 24 |
| T 15 | 8 22 | 8 7 | 4 39 | 6 37 | 0 35 | 8 36 | 0 47 | 5 26 | 0 40 | 20 48 | 0 13 | 14 51 | 2 32 | 18 51 | 0 36 | 5 16 | 1 44 | 23 29 | 9 28 | 18 51 | 19 9 | 7 25 | 17 23 | 5 23 |
| F 16 | 8 44 | 2 52 | 4 5 | 5 55 | 0 15 | 8 12 | 0 50 | 5 42 | 0 40 | 20 47 | 0 13 | 14 50 | 2 32 | 18 51 | 0 36 | 5 16 | 1 44 | 23 29 | 9 28 | 18 49 | 19 9 | 7 22 | 17 23 | 5 23 |
| S 17 | 9 6 | 2s30 | 3 20 | 5 17 | 0n 5 | 7 49 | 0 54 | 5 57 | 0 39 | 20 46 | 0 14 | 14 49 | 2 32 | 18 51 | 0 36 | 5 15 | 1 44 | 23 29 | 9 29 | 18 48 | 19 8 | 7 19 | 17 24 | 5 23 |
| S 18 | 9 28 | 7 51 | 2 26 | 4 44 | 0 24 | 7 25 | 0 57 | 6 13 | 0 39 | 20 45 | 0 14 | 14 48 | 2 32 | 18 50 | 0 36 | 5 14 | 1 44 | 23 29 | 9 29 | 18 47 | 19 7 | 7 16 | 17 25 | 5 22 |
| M19 | 9 50 | 12 57 | 1 24 | 4 17 | 0 41 | 7 1 | 1 0 | 6 29 | 0 39 | 20 44 | 0 14 | 14 47 | 2 32 | 18 50 | 0 36 | 5 14 | 1 44 | 23 29 | 9 29 | 18 46 | 19 6 | 7 13 | 17 26 | 5 22 |
| T 20 | 10 12 | 17 37 | 0 18 | 3 55 | 0 58 | 6 36 | 1 3 | 6 44 | 0 38 | 20 43 | 0 14 | 14 45 | 2 32 | 18 50 | 0 37 | 5 13 | 1 44 | 23 29 | 9 29 | 18 46 | 19 5 | 7 10 | 17 26 | 5 22 |
| W21 | 10 34 | 21 36 | 0s50 | 3 38 | 1 12 | 6 12 | 1 6 | 7 0 | 0 38 | 20 43 | 0 14 | 14 44 | 2 32 | 18 49 | 0 37 | 5 13 | 1 44 | 23 29 | 9 30 | 18 46 | 19 5 | 7 7 | 17 27 | 5 22 |
| T 22 | 10 55 | 24 38 | 1 57 | 3 28 | 1 25 | 5 47 | 1 9 | 7 15 | 0 37 | 20 42 | 0 14 | 14 43 | 2 32 | 18 49 | 0 37 | 5 12 | 1 44 | 23 29 | 9 30 | 18 46 | 19 4 | 7 4 | 17 28 | 5 22 |
| F 23 | 11 16 | 26 27 | 2 59 | 3 24 | 1 36 | 5 21 | 1 12 | 7 31 | 0 37 | 20 41 | 0 15 | 14 41 | 2 32 | 18 49 | 0 37 | 5 11 | 1 44 | 23 29 | 9 30 | 18 47 | 19 3 | 7 0 | 17 29 | 5 21 |
| S 24 | 11 38 | 26 51 | 3 53 | 3 25 | 1 45 | 4 56 | 1 15 | 7 46 | 0 36 | 20 40 | 0 15 | 14 40 | 2 32 | 18 49 | 0 37 | 5 11 | 1 44 | 23 29 | 9 31 | 18 47 | 19 2 | 6 57 | 17 29 | 5 21 |
| S 25 | 11 59 | 25 41 | 4 36 | 3 31 | 1 53 | 4 30 | 1 17 | 8 2 | 0 36 | 20 39 | 0 15 | 14 39 | 2 32 | 18 48 | 0 37 | 5 10 | 1 44 | 23 29 | 9 31 | 18 47 | 19 2 | 6 54 | 17 30 | 5 21 |
| M26 | 12 19 | 22 59 | 5 4 | 3 42 | 1 59 | 4 5 | 1 20 | 8 17 | 0 35 | 20 39 | 0 15 | 14 38 | 2 32 | 18 48 | 0 37 | 5 9 | 1 44 | 23 29 | 9 31 | 18 47 | 19 1 | 6 51 | 17 31 | 5 21 |
| T 27 | 12 40 | 18 51 | 5 15 | 3 57 | 2 4 | 3 39 | 1 22 | 8 32 | 0 35 | 20 38 | 0 15 | 14 36 | 2 32 | 18 48 | 0 37 | 5 9 | 1 44 | 23 29 | 9 32 | 18 47 | 19 0 | 6 48 | 17 31 | 5 20 |
| W28 | 13 0 | 13 33 | 5 7 | 4 17 | 2 8 | 3 13 | 1 25 | 8 48 | 0 34 | 20 37 | 0 15 | 14 35 | 2 32 | 18 48 | 0 37 | 5 8 | 1 44 | 23 29 | 9 32 | 18 47 | 18 59 | 6 45 | 17 32 | 5 20 |
| T 29 | 13 20 | 7 24 | 4 38 | 4 39 | 2 10 | 2 46 | 1 27 | 9 3 | 0 34 | 20 37 | 0 15 | 14 34 | 2 32 | 18 47 | 0 37 | 5 8 | 1 44 | 23 29 | 9 32 | 18 46 | 18 59 | 6 42 | 17 33 | 5 20 |
| F 30 | 13 40 | 0 46 | 3 50 | 5 5 | 2 11 | 2 20 | 1 29 | 9 18 | 0 33 | 20 36 | 0 16 | 14 32 | 2 32 | 18 47 | 0 37 | 5 7 | 1 44 | 23 29 | 9 33 | 18 46 | 18 58 | 6 39 | 17 34 | 5 20 |
| S 31 | 14s 0 | 5n57 | 2s47 | 5s33 | 2n11 | 1n53 | 1n31 | 9s33 | 0n33 | 20n36 | 0n16 | 14n31 | 2s32 | 18n47 | 0n37 | 5n 7 | 1s44 | 23n29 | 9n33 | 18n45 | 18n57 | 6n36 | 17s34 | 5n20 |

Julian Day Number = 2344071.5, Delta T = 12.53 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'58, Lahiri = 19°44'58Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## NOVEMBER 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 2 40 10 | 8♏23'34 | 6♉41 | 20♎36 | 29♍58 | 26♎41 | 29♋19 | 16°R57 | 8♌26 | 17°R 2 | 21♌12 | 23°R46 | 24♉33 | 23♍53 | 17♐27 | S 1 |
| M 2 | 2 44 7 | 9°23'44 | 21°17 | 21°57 | 1♎ 9 | 27°21 | 29°22 | 16♉53 | 8°26 | 17♈ 0 | 21°12 | 23°D45 | 24°29 | 24° 0 | 17°33 | M 2 |
| T 3 | 2 48 3 | 10°23'56 | 5♊33 | 23°21 | 2°21 | 28° 1 | 29°25 | 16°48 | 8°27 | 16°59 | 21°13 | 23♉46 | 24°26 | 24° 7 | 17°39 | T 3 |
| W 4 | 2 52 0 | 11°24'10 | 19°26 | 24°48 | 3°33 | 28°42 | 29°27 | 16°43 | 8°28 | 16°57 | 21°14 | 23°46 | 24°23 | 24°13 | 17°44 | W 4 |
| T 5 | 2 55 57 | 12°24'26 | 2♋53 | 26°16 | 4°46 | 29°22 | 29°29 | 16°38 | 8°28 | 16°56 | 21°14 | 23°47 | 24°20 | 24°20 | 17°50 | T 5 |
| F 6 | 2 59 53 | 13°24'44 | 15°55 | 27°46 | 5°58 | 0♏ 3 | 29°32 | 16°33 | 8°29 | 16°54 | 21°15 | 23°48 | 24°17 | 24°27 | 17°56 | F 6 |
| S 7 | 3 3 50 | 14°25'04 | 28°35 | 29°17 | 7°10 | 0°43 | 29°33 | 16°28 | 8°29 | 16°53 | 21°15 | 23°49 | 24°14 | 24°33 | 18° 2 | S 7 |
| S 8 | 3 7 46 | 15°25'26 | 10♌56 | 0♏50 | 8°23 | 1°24 | 29°35 | 16°24 | 8°29 | 16°51 | 21°16 | 23°R50 | 24°10 | 24°40 | 18° 9 | S 8 |
| M 9 | 3 11 43 | 16°25'50 | 23° 3 | 2°23 | 9°35 | 2° 4 | 29°37 | 16°19 | 8°30 | 16°50 | 21°16 | 23°50 | 24° 7 | 24°47 | 18°15 | M 9 |
| T 10 | 3 15 39 | 17°26'16 | 5♍ 0 | 3°57 | 10°48 | 2°45 | 29°38 | 16°14 | 8°30 | 16°49 | 21°16 | 23°49 | 24° 4 | 24°54 | 18°21 | T 10 |
| W11 | 3 19 36 | 18°26'43 | 16°52 | 5°31 | 12° 1 | 3°26 | 29°39 | 16° 9 | 8°30 | 16°47 | 21°17 | 23°49 | 24° 1 | 25° 0 | 18°27 | W11 |
| T 12 | 3 23 32 | 19°27'13 | 28°43 | 7° 6 | 13°14 | 4° 6 | 29°40 | 16° 4 | 8°30 | 16°46 | 21°17 | 23°48 | 23°58 | 25° 7 | 18°33 | T 12 |
| F 13 | 3 27 29 | 20°27'44 | 10♎36 | 8°41 | 14°26 | 4°47 | 29°41 | 15°59 | 8°30 | 16°45 | 21°17 | 23°48 | 23°54 | 25°14 | 18°40 | F 13 |
| S 14 | 3 31 26 | 21°28'17 | 22°36 | 10°16 | 15°39 | 5°28 | 29°42 | 15°54 | 8°R30 | 16°43 | 21°18 | 23°47 | 23°51 | 25°20 | 18°46 | S 14 |
| S 15 | 3 35 22 | 22°28'51 | 4♏45 | 11°51 | 16°52 | 6° 8 | 29°42 | 15°49 | 8°30 | 16°42 | 21°18 | 23°47 | 23°48 | 25°27 | 18°52 | S 15 |
| M16 | 3 39 19 | 23°29'28 | 17° 5 | 13°27 | 18° 6 | 6°49 | 29°R42 | 15°45 | 8°30 | 16°41 | 21°18 | 23°47 | 23°45 | 25°34 | 18°58 | M16 |
| T 17 | 3 43 15 | 24°30'05 | 29°37 | 15° 2 | 19°19 | 7°30 | 29°42 | 15°40 | 8°30 | 16°39 | 21°18 | 23°47 | 23°42 | 25°40 | 19° 5 | T 17 |
| W18 | 3 47 12 | 25°30'45 | 12♐23 | 16°38 | 20°32 | 8°11 | 29°42 | 15°35 | 8°30 | 16°38 | 21°19 | 23°47 | 23°39 | 25°47 | 19°11 | W18 |
| T 19 | 3 51 8 | 26°31'25 | 25°21 | 18°13 | 21°45 | 8°52 | 29°42 | 15°30 | 8°30 | 16°37 | 21°19 | 23°47 | 23°35 | 25°54 | 19°18 | T 19 |
| F 20 | 3 55 5 | 27°32'08 | 8♑33 | 19°48 | 22°59 | 9°33 | 29°41 | 15°26 | 8°29 | 16°36 | 21°19 | 23°46 | 23°32 | 26° 1 | 19°24 | F 20 |
| S 21 | 3 59 1 | 28°32'51 | 21°58 | 21°23 | 24°12 | 10°14 | 29°40 | 15°21 | 8°29 | 16°35 | 21°19 | 23°46 | 23°29 | 26° 7 | 19°31 | S 21 |
| S 22 | 4 2 58 | 29°33'35 | 5♒36 | 22°58 | 25°26 | 10°55 | 29°39 | 15°16 | 8°29 | 16°34 | 21°19 | 23°45 | 23°26 | 26°14 | 19°37 | S 22 |
| M23 | 4 6 55 | 0♐34'20 | 19°27 | 24°33 | 26°39 | 11°36 | 29°38 | 15°12 | 8°28 | 16°32 | 21°R19 | 23°45 | 23°23 | 26°21 | 19°44 | M23 |
| T 24 | 4 10 51 | 1°35'07 | 3♓28 | 26° 8 | 27°53 | 12°17 | 29°36 | 15° 7 | 8°28 | 16°31 | 21°19 | 23°D45 | 23°20 | 26°27 | 19°50 | T 24 |
| W25 | 4 14 48 | 2°35'54 | 17°40 | 27°42 | 29° 6 | 12°58 | 29°35 | 15° 2 | 8°27 | 16°30 | 21°19 | 23°45 | 23°16 | 26°34 | 19°57 | W25 |
| T 26 | 4 18 44 | 3°36'42 | 2♈ 0 | 29°17 | 0♏20 | 13°39 | 29°33 | 14°58 | 8°27 | 16°29 | 21°19 | 23°46 | 23°13 | 26°41 | 20° 3 | T 26 |
| F 27 | 4 22 41 | 4°37'31 | 16°25 | 0♐51 | 1°34 | 14°21 | 29°31 | 14°54 | 8°26 | 16°28 | 21°19 | 23°46 | 23°10 | 26°47 | 20°10 | F 27 |
| S 28 | 4 26 37 | 5°38'21 | 0♉52 | 2°26 | 2°48 | 15° 2 | 29°29 | 14°49 | 8°25 | 16°27 | 21°19 | 23°47 | 23° 7 | 26°54 | 20°17 | S 28 |
| S 29 | 4 30 34 | 6°39'12 | 15°14 | 4° 0 | 4° 2 | 15°43 | 29°26 | 14°45 | 8°24 | 16°26 | 21°18 | 23°48 | 23° 4 | 27° 1 | 20°23 | S 29 |
| M30 | 4 34 30 | 7♐40'04 | 29♉29 | 5♐35 | 5♏16 | 16♏24 | 29♋24 | 14♉40 | 8♌23 | 16♈25 | 21♌18 | 23°R48 | 23♉ 0 | 27♍ 8 | 20♐30 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s20 | 12n18 | 1s33 | 6s 3 | 2n10 | 1n26 | 1n33 | 9s48 | 0n32 | 20n35 | 0n16 | 14n30 | 2s32 | 18n47 | 0n37 | 5n 6 | 1s44 | 23n29 | 9n33 | 18n45 | 18n56 | 6n33 | 17s35 | 5n20 |
| M 2 | 14 39 | 17 54 | 0 14 | 6 35 | 2 9 | 0 59 | 1 35 | 10 3 | 0 32 | 20 35 | 0 16 | 14 28 | 2 32 | 18 47 | 0 37 | 5 5 | 1 44 | 23 29 | 9 34 | 18 45 | 18 55 | 6 30 | 17 36 | 5 19 |
| T 3 | 14 58 | 22 20 | 1n 5 | 7 8 | 2 6 | 0 32 | 1 37 | 10 18 | 0 31 | 20 34 | 0 16 | 14 27 | 2 32 | 18 47 | 0 37 | 5 5 | 1 44 | 23 29 | 9 34 | 18 45 | 18 55 | 6 27 | 17 36 | 5 19 |
| W 4 | 15 17 | 25 20 | 2 17 | 7 43 | 2 3 | 0 5 | 1 38 | 10 33 | 0 31 | 20 34 | 0 17 | 14 25 | 2 32 | 18 46 | 0 37 | 5 4 | 1 44 | 23 29 | 9 34 | 18 45 | 18 54 | 6 24 | 17 37 | 5 19 |
| T 5 | 15 35 | 26 47 | 3 20 | 8 18 | 1 59 | 0s22 | 1 40 | 10 48 | 0 31 | 20 34 | 0 17 | 14 24 | 2 32 | 18 46 | 0 37 | 5 4 | 1 44 | 23 30 | 9 35 | 18 45 | 18 53 | 6 21 | 17 38 | 5 19 |
| F 6 | 15 53 | 26 40 | 4 10 | 8 54 | 1 55 | 0 49 | 1 42 | 11 2 | 0 30 | 20 34 | 0 17 | 14 23 | 2 32 | 18 46 | 0 37 | 5 3 | 1 44 | 23 30 | 9 35 | 18 45 | 18 52 | 6 18 | 17 38 | 5 19 |
| S 7 | 16 11 | 25 9 | 4 47 | 9 31 | 1 51 | 1 16 | 1 43 | 11 17 | 0 30 | 20 33 | 0 17 | 14 21 | 2 32 | 18 46 | 0 37 | 5 3 | 1 44 | 23 30 | 9 36 | 18 46 | 18 52 | 6 15 | 17 39 | 5 19 |
| S 8 | 16 29 | 22 28 | 5 9 | 10 8 | 1 46 | 1 44 | 1 44 | 11 32 | 0 29 | 20 33 | 0 17 | 14 20 | 2 32 | 18 46 | 0 37 | 5 2 | 1 44 | 23 30 | 9 36 | 18 46 | 18 51 | 6 12 | 17 40 | 5 18 |
| M 9 | 16 47 | 18 50 | 5 17 | 10 45 | 1 40 | 2 11 | 1 46 | 11 46 | 0 29 | 20 33 | 0 17 | 14 19 | 2 32 | 18 46 | 0 37 | 5 2 | 1 44 | 23 30 | 9 36 | 18 46 | 18 50 | 6 8 | 17 40 | 5 18 |
| T 10 | 17 4 | 14 31 | 5 11 | 11 22 | 1 35 | 2 39 | 1 47 | 12 0 | 0 28 | 20 33 | 0 18 | 14 17 | 2 32 | 18 46 | 0 37 | 5 1 | 1 44 | 23 30 | 9 37 | 18 46 | 18 49 | 6 5 | 17 41 | 5 18 |
| W11 | 17 21 | 9 40 | 4 52 | 11 59 | 1 29 | 3 6 | 1 48 | 12 15 | 0 27 | 20 33 | 0 18 | 14 16 | 2 32 | 18 46 | 0 37 | 5 1 | 1 44 | 23 31 | 9 37 | 18 45 | 18 48 | 6 2 | 17 42 | 5 18 |
| T 12 | 17 37 | 4 29 | 4 20 | 12 36 | 1 23 | 3 34 | 1 49 | 12 29 | 0 27 | 20 33 | 0 18 | 14 15 | 2 32 | 18 46 | 0 37 | 5 0 | 1 44 | 23 31 | 9 37 | 18 45 | 18 48 | 5 59 | 17 42 | 5 18 |
| F 13 | 17 54 | 0s52 | 3 37 | 13 13 | 1 16 | 4 1 | 1 50 | 12 43 | 0 26 | 20 33 | 0 18 | 14 13 | 2 32 | 18 46 | 0 37 | 5 0 | 1 44 | 23 31 | 9 38 | 18 45 | 18 47 | 5 56 | 17 43 | 5 18 |
| S 14 | 18 10 | 6 16 | 2 44 | 13 49 | 1 10 | 4 28 | 1 50 | 12 57 | 0 26 | 20 33 | 0 18 | 14 12 | 2 32 | 18 46 | 0 38 | 4 59 | 1 44 | 23 31 | 9 38 | 18 45 | 18 46 | 5 53 | 17 43 | 5 18 |
| S 15 | 18 25 | 11 30 | 1 44 | 14 25 | 1 3 | 4 56 | 1 51 | 13 11 | 0 25 | 20 33 | 0 18 | 14 11 | 2 32 | 18 46 | 0 38 | 4 59 | 1 44 | 23 32 | 9 38 | 18 45 | 18 45 | 5 50 | 17 44 | 5 18 |
| M16 | 18 41 | 16 22 | 0 37 | 15 0 | 0 56 | 5 23 | 1 52 | 13 25 | 0 25 | 20 33 | 0 19 | 14 10 | 2 32 | 18 46 | 0 38 | 4 58 | 1 44 | 23 32 | 9 39 | 18 45 | 18 44 | 5 47 | 17 45 | 5 18 |
| T 17 | 18 56 | 20 38 | 0s32 | 15 35 | 0 50 | 5 50 | 1 52 | 13 39 | 0 24 | 20 33 | 0 19 | 14 8 | 2 32 | 18 46 | 0 38 | 4 58 | 1 44 | 23 32 | 9 39 | 18 45 | 18 44 | 5 44 | 17 45 | 5 18 |
| W18 | 19 10 | 23 59 | 1 41 | 16 9 | 0 43 | 6 18 | 1 53 | 13 53 | 0 24 | 20 33 | 0 19 | 14 7 | 2 32 | 18 46 | 0 38 | 4 57 | 1 44 | 23 32 | 9 39 | 18 45 | 18 43 | 5 41 | 17 46 | 5 18 |
| T 19 | 19 25 | 26 10 | 2 46 | 16 42 | 0 36 | 6 45 | 1 53 | 14 7 | 0 23 | 20 34 | 0 19 | 14 6 | 2 31 | 18 47 | 0 38 | 4 57 | 1 44 | 23 33 | 9 40 | 18 45 | 18 42 | 5 38 | 17 46 | 5 17 |
| F 20 | 19 39 | 26 55 | 3 44 | 17 15 | 0 29 | 7 12 | 1 53 | 14 20 | 0 23 | 20 34 | 0 19 | 14 4 | 2 31 | 18 47 | 0 38 | 4 57 | 1 43 | 23 33 | 9 40 | 18 45 | 18 41 | 5 34 | 17 47 | 5 17 |
| S 21 | 19 52 | 26 7 | 4 30 | 17 47 | 0 22 | 7 39 | 1 53 | 14 34 | 0 22 | 20 34 | 0 19 | 14 3 | 2 31 | 18 47 | 0 38 | 4 56 | 1 43 | 23 33 | 9 40 | 18 45 | 18 41 | 5 31 | 17 47 | 5 17 |
| S 22 | 20 5 | 23 46 | 5 1 | 18 18 | 0 15 | 8 5 | 1 53 | 14 47 | 0 22 | 20 35 | 0 20 | 14 2 | 2 31 | 18 47 | 0 38 | 4 56 | 1 43 | 23 34 | 9 41 | 18 45 | 18 40 | 5 28 | 17 48 | 5 17 |
| M23 | 20 18 | 20 1 | 5 16 | 18 48 | 0 8 | 8 32 | 1 53 | 15 0 | 0 21 | 20 35 | 0 20 | 14 1 | 2 31 | 18 47 | 0 38 | 4 55 | 1 43 | 23 34 | 9 41 | 18 44 | 18 39 | 5 25 | 17 48 | 5 17 |
| T 24 | 20 31 | 15 6 | 5 12 | 19 18 | 0 2 | 8 59 | 1 53 | 15 13 | 0 21 | 20 36 | 0 20 | 14 0 | 2 31 | 18 47 | 0 38 | 4 55 | 1 43 | 23 34 | 9 42 | 18 44 | 18 38 | 5 22 | 17 49 | 5 17 |
| W25 | 20 43 | 9 19 | 4 50 | 19 46 | 0s 5 | 9 25 | 1 53 | 15 26 | 0 20 | 20 36 | 0 20 | 13 58 | 2 31 | 18 47 | 0 38 | 4 55 | 1 43 | 23 35 | 9 42 | 18 44 | 18 37 | 5 19 | 17 49 | 5 17 |
| T 26 | 20 55 | 3 1 | 4 9 | 20 13 | 0 12 | 9 51 | 1 53 | 15 39 | 0 19 | 20 37 | 0 20 | 13 57 | 2 31 | 18 48 | 0 38 | 4 54 | 1 43 | 23 35 | 9 42 | 18 45 | 18 37 | 5 16 | 17 50 | 5 17 |
| F 27 | 21 6 | 3n30 | 3 13 | 20 40 | 0 19 | 10 17 | 1 52 | 15 52 | 0 19 | 20 37 | 0 21 | 13 56 | 2 30 | 18 48 | 0 38 | 4 54 | 1 43 | 23 35 | 9 43 | 18 45 | 18 36 | 5 13 | 17 50 | 5 17 |
| S 28 | 21 17 | 9 52 | 2 4 | 21 6 | 0 25 | 10 43 | 1 52 | 16 5 | 0 18 | 20 38 | 0 21 | 13 55 | 2 30 | 18 48 | 0 38 | 4 54 | 1 43 | 23 36 | 9 43 | 18 45 | 18 35 | 5 10 | 17 51 | 5 17 |
| S 29 | 21 27 | 15 41 | 0 47 | 21 30 | 0 32 | 11 8 | 1 51 | 16 17 | 0 18 | 20 39 | 0 21 | 13 54 | 2 30 | 18 48 | 0 38 | 4 53 | 1 43 | 23 36 | 9 43 | 18 45 | 18 34 | 5 6 | 17 51 | 5 17 |
| M30 | 21s37 | 20n35 | 0n31 | 21s54 | 0s38 | 11s33 | 1n51 | 16s30 | 0n17 | 20n39 | 0n21 | 13n53 | 2s30 | 18n49 | 0n38 | 4n53 | 1s43 | 23n36 | 9n44 | 18n45 | 18n33 | 5n 3 | 17s52 | 5n17 |

Julian Day Number = 2344102.5, Delta T = 12.50 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'02, Lahiri = 19°45'02Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1705
# geocentric

## DECEMBER 1705 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 38 27 | 8♐40'57 | 13♊30 | 7♐ 9 | 6♏30 | 17♏ 6 | 29°R21 | 14°R36 | 8°R23 | 16°R25 | 21°R18 | 23°R47 | 22♉57 | 27♍14 | 20♐37 | T 1 |
| W 2 | 4 42 24 | 9°41'51 | 27°14 | 8°43 | 7°44 | 17°47 | 29♋18 | 14♉32 | 8♌22 | 16♈24 | 21♌18 | 23♉46 | 22°54 | 27°21 | 20°43 | W 2 |
| T 3 | 4 46 20 | 10°42'46 | 10♋38 | 10°17 | 8°58 | 18°29 | 29°15 | 14°28 | 8°21 | 16°23 | 21°17 | 23°44 | 22°51 | 27°28 | 20°50 | T 3 |
| F 4 | 4 50 17 | 11°43'43 | 23°41 | 11°52 | 10°12 | 19°10 | 29°12 | 14°24 | 8°20 | 16°22 | 21°17 | 23°41 | 22°48 | 27°34 | 20°57 | F 4 |
| S 5 | 4 54 13 | 12°44'40 | 6♌24 | 13°26 | 11°26 | 19°52 | 29° 8 | 14°20 | 8°19 | 16°21 | 21°17 | 23°38 | 22°45 | 27°41 | 21° 4 | S 5 |
| S 6 | 4 58 10 | 13°45'39 | 18°48 | 15° 0 | 12°40 | 20°33 | 29° 4 | 14°16 | 8°17 | 16°21 | 21°16 | 23°36 | 22°41 | 27°48 | 21°10 | S 6 |
| M 7 | 5 2 6 | 14°46'38 | 0♍58 | 16°34 | 13°54 | 21°15 | 29° 0 | 14°12 | 8°16 | 16°20 | 21°16 | 23°34 | 22°38 | 27°54 | 21°17 | M 7 |
| T 8 | 5 6 3 | 15°47'39 | 12°56 | 18° 9 | 15° 9 | 21°56 | 28°56 | 14° 8 | 8°15 | 16°19 | 21°16 | 23°D33 | 22°35 | 28° 1 | 21°24 | T 8 |
| W 9 | 5 10 0 | 16°48'41 | 24°48 | 19°43 | 16°23 | 22°38 | 28°52 | 14° 5 | 8°14 | 16°19 | 21°15 | 23°33 | 22°32 | 28° 8 | 21°30 | W 9 |
| T 10 | 5 13 56 | 17°49'44 | 6♎39 | 21°18 | 17°37 | 23°20 | 28°48 | 14° 1 | 8°12 | 16°18 | 21°15 | 23°34 | 22°29 | 28°15 | 21°37 | T 10 |
| F 11 | 5 17 53 | 18°50'48 | 18°33 | 22°53 | 18°52 | 24° 1 | 28°43 | 13°57 | 8°11 | 16°17 | 21°14 | 23°36 | 22°26 | 28°21 | 21°44 | F 11 |
| S 12 | 5 21 49 | 19°51'52 | 0♏36 | 24°28 | 20° 6 | 24°43 | 28°38 | 13°54 | 8° 9 | 16°17 | 21°14 | 23°38 | 22°22 | 28°28 | 21°51 | S 12 |
| S 13 | 5 25 46 | 20°52'58 | 12°50 | 26° 3 | 21°20 | 25°25 | 28°33 | 13°51 | 8° 8 | 16°16 | 21°13 | 23°39 | 22°19 | 28°35 | 21°58 | S 13 |
| M14 | 5 29 42 | 21°54'05 | 25°20 | 27°38 | 22°35 | 26° 7 | 28°28 | 13°47 | 8° 6 | 16°16 | 21°12 | 23°R40 | 22°16 | 28°41 | 22° 4 | M14 |
| T 15 | 5 33 39 | 22°55'12 | 8♐ 8 | 29°13 | 23°49 | 26°49 | 28°23 | 13°44 | 8° 5 | 16°15 | 21°12 | 23°39 | 22°13 | 28°48 | 22°11 | T 15 |
| W16 | 5 37 35 | 23°56'20 | 21°14 | 0♑48 | 25° 4 | 27°31 | 28°17 | 13°41 | 8° 3 | 16°15 | 21°11 | 23°36 | 22°10 | 28°55 | 22°18 | W16 |
| T 17 | 5 41 32 | 24°57'29 | 4♑38 | 2°24 | 26°19 | 28°12 | 28°12 | 13°38 | 8° 2 | 16°15 | 21°11 | 23°32 | 22° 6 | 29° 1 | 22°25 | T 17 |
| F 18 | 5 45 29 | 25°58'38 | 18°17 | 3°59 | 27°33 | 28°54 | 28° 6 | 13°35 | 8° 0 | 16°14 | 21°10 | 23°27 | 22° 3 | 29° 8 | 22°31 | F 18 |
| S 19 | 5 49 25 | 26°59'47 | 2♒10 | 5°35 | 28°48 | 29°36 | 28° 0 | 13°32 | 7°58 | 16°14 | 21° 9 | 23°22 | 22° 0 | 29°15 | 22°38 | S 19 |
| S 20 | 5 53 22 | 28° 0'57 | 16°11 | 7°11 | 0♐ 2 | 0♐19 | 27°54 | 13°29 | 7°56 | 16°14 | 21° 8 | 23°16 | 21°57 | 29°22 | 22°45 | S 20 |
| M21 | 5 57 18 | 29° 2'06 | 0♓19 | 8°47 | 1°17 | 1° 1 | 27°48 | 13°27 | 7°55 | 16°13 | 21° 8 | 23°12 | 21°54 | 29°28 | 22°51 | M21 |
| T 22 | 6 1 15 | 0♑ 3'16 | 14°29 | 10°23 | 2°32 | 1°43 | 27°42 | 13°24 | 7°53 | 16°13 | 21° 7 | 23° 9 | 21°51 | 29°35 | 22°58 | T 22 |
| W23 | 6 5 11 | 1° 4'25 | 28°39 | 11°59 | 3°46 | 2°25 | 27°35 | 13°22 | 7°51 | 16°13 | 21° 6 | 23°D 8 | 21°47 | 29°42 | 23° 5 | W23 |
| T 24 | 6 9 8 | 2° 5'35 | 12♈47 | 13°35 | 5° 1 | 3° 7 | 27°29 | 13°19 | 7°49 | 16°13 | 21° 5 | 23° 9 | 21°44 | 29°48 | 23°12 | T 24 |
| F 25 | 6 13 4 | 3° 6'44 | 26°51 | 15°11 | 6°16 | 3°49 | 27°22 | 13°17 | 7°47 | 16°13 | 21° 4 | 23°10 | 21°41 | 29°55 | 23°18 | F 25 |
| S 26 | 6 17 1 | 4° 7'54 | 10♉51 | 16°47 | 7°30 | 4°32 | 27°15 | 13°15 | 7°45 | 16°13 | 21° 3 | 23°11 | 21°38 | 0♎ 2 | 23°25 | S 26 |
| S 27 | 6 20 58 | 5° 9'03 | 24°44 | 18°23 | 8°45 | 5°14 | 27° 8 | 13°13 | 7°43 | 16°13 | 21° 2 | 23°R12 | 21°35 | 0° 8 | 23°32 | S 27 |
| M28 | 6 24 54 | 6°10'12 | 8♊30 | 19°58 | 10° 0 | 5°56 | 27° 1 | 13°11 | 7°41 | 16°D13 | 21° 2 | 23°11 | 21°32 | 0°15 | 23°38 | M28 |
| T 29 | 6 28 51 | 7°11'21 | 22° 6 | 21°32 | 11°15 | 6°39 | 26°54 | 13° 9 | 7°39 | 16°13 | 21° 1 | 23° 7 | 21°28 | 0°22 | 23°45 | T 29 |
| W30 | 6 32 47 | 8°12'30 | 5♋30 | 23° 7 | 12°30 | 7°21 | 26°47 | 13° 7 | 7°36 | 16°13 | 21° 0 | 23° 2 | 21°25 | 0°28 | 23°51 | W30 |
| T 31 | 6 36 44 | 9♑13'39 | 18♋40 | 24♑40 | 13♐44 | 8♐ 3 | 26♋39 | 13♉ 5 | 7♌34 | 16♈13 | 20♌59 | 22♉54 | 21♉22 | 0♎35 | 23♐58 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 21s47 | 24n13 | 1n47 | 22s16 | 0s44 | 11s58 | 1n50 | 16s42 | 0n17 | 20n40 | 0n21 | 13n52 | 2s30 | 18n49 | 0n38 | 4n53 | 1s43 | 23n37 | 9n44 | 18n45 | 18n33 | 5n 0 | 17s52 | 5n17 |
| W 2 | 21 56 | 26 21 | 2 54 | 22 37 | 0 50 | 12 23 | 1 49 | 16 54 | 0 16 | 20 41 | 0 22 | 13 51 | 2 30 | 18 49 | 0 38 | 4 52 | 1 43 | 23 37 | 9 44 | 18 45 | 18 32 | 4 57 | 17 53 | 5 17 |
| T 3 | 22 5 | 26 53 | 3 51 | 22 57 | 0 56 | 12 48 | 1 48 | 17 6 | 0 16 | 20 42 | 0 22 | 13 50 | 2 29 | 18 49 | 0 38 | 4 52 | 1 43 | 23 38 | 9 45 | 18 44 | 18 31 | 4 54 | 17 53 | 5 17 |
| F 4 | 22 14 | 25 53 | 4 33 | 23 16 | 1 2 | 13 12 | 1 47 | 17 18 | 0 15 | 20 43 | 0 22 | 13 49 | 2 29 | 18 50 | 0 38 | 4 52 | 1 43 | 23 38 | 9 45 | 18 43 | 18 30 | 4 51 | 17 53 | 5 17 |
| S 5 | 22 22 | 23 33 | 5 1 | 23 34 | 1 8 | 13 36 | 1 46 | 17 30 | 0 14 | 20 43 | 0 22 | 13 48 | 2 29 | 18 50 | 0 38 | 4 52 | 1 43 | 23 39 | 9 45 | 18 43 | 18 29 | 4 48 | 17 54 | 5 17 |
| S 6 | 22 29 | 20 11 | 5 14 | 23 51 | 1 13 | 14 0 | 1 45 | 17 42 | 0 14 | 20 44 | 0 22 | 13 47 | 2 29 | 18 50 | 0 38 | 4 51 | 1 43 | 23 39 | 9 46 | 18 42 | 18 28 | 4 45 | 17 54 | 5 18 |
| M 7 | 22 37 | 16 1 | 5 12 | 24 6 | 1 19 | 14 23 | 1 44 | 17 53 | 0 13 | 20 45 | 0 22 | 13 46 | 2 29 | 18 51 | 0 38 | 4 51 | 1 43 | 23 39 | 9 46 | 18 42 | 18 28 | 4 41 | 17 55 | 5 18 |
| T 8 | 22 43 | 11 17 | 4 57 | 24 21 | 1 24 | 14 46 | 1 43 | 18 5 | 0 13 | 20 46 | 0 23 | 13 45 | 2 28 | 18 51 | 0 38 | 4 51 | 1 43 | 23 40 | 9 46 | 18 41 | 18 27 | 4 38 | 17 55 | 5 18 |
| W 9 | 22 49 | 6 11 | 4 30 | 24 33 | 1 29 | 15 8 | 1 42 | 18 16 | 0 12 | 20 48 | 0 23 | 13 44 | 2 28 | 18 51 | 0 38 | 4 51 | 1 43 | 23 40 | 9 47 | 18 42 | 18 26 | 4 35 | 17 55 | 5 18 |
| T 10 | 22 55 | 0 53 | 3 50 | 24 45 | 1 34 | 15 31 | 1 40 | 18 27 | 0 11 | 20 49 | 0 23 | 13 43 | 2 28 | 18 52 | 0 39 | 4 50 | 1 43 | 23 41 | 9 47 | 18 42 | 18 25 | 4 32 | 17 56 | 5 18 |
| F 11 | 23 1 | 4s29 | 3 1 | 24 55 | 1 38 | 15 53 | 1 39 | 18 38 | 0 11 | 20 50 | 0 23 | 13 42 | 2 28 | 18 52 | 0 39 | 4 50 | 1 43 | 23 41 | 9 47 | 18 42 | 18 24 | 4 29 | 17 56 | 5 18 |
| S 12 | 23 5 | 9 46 | 2 3 | 25 4 | 1 42 | 16 14 | 1 37 | 18 49 | 0 10 | 20 51 | 0 23 | 13 41 | 2 28 | 18 53 | 0 39 | 4 50 | 1 43 | 23 42 | 9 48 | 18 43 | 18 24 | 4 26 | 17 56 | 5 18 |
| S 13 | 23 10 | 14 47 | 0 59 | 25 12 | 1 47 | 16 35 | 1 36 | 19 0 | 0 10 | 20 52 | 0 24 | 13 41 | 2 27 | 18 53 | 0 39 | 4 50 | 1 42 | 23 42 | 9 48 | 18 43 | 18 23 | 4 23 | 17 57 | 5 18 |
| M14 | 23 14 | 19 17 | 0s 9 | 25 18 | 1 50 | 16 56 | 1 34 | 19 10 | 0 9 | 20 53 | 0 24 | 13 40 | 2 27 | 18 54 | 0 39 | 4 50 | 1 42 | 23 43 | 9 48 | 18 43 | 18 22 | 4 19 | 17 57 | 5 18 |
| T 15 | 23 17 | 22 59 | 1 18 | 25 22 | 1 54 | 17 16 | 1 32 | 19 20 | 0 8 | 20 55 | 0 24 | 13 39 | 2 27 | 18 54 | 0 39 | 4 50 | 1 42 | 23 43 | 9 49 | 18 43 | 18 21 | 4 16 | 17 57 | 5 18 |
| W16 | 23 20 | 25 36 | 2 25 | 25 26 | 1 57 | 17 36 | 1 31 | 19 31 | 0 8 | 20 56 | 0 24 | 13 38 | 2 27 | 18 54 | 0 39 | 4 50 | 1 42 | 23 44 | 9 49 | 18 42 | 18 20 | 4 13 | 17 57 | 5 18 |
| T 17 | 23 23 | 26 49 | 3 25 | 25 27 | 2 0 | 17 55 | 1 29 | 19 41 | 0 7 | 20 57 | 0 24 | 13 38 | 2 26 | 18 55 | 0 39 | 4 49 | 1 42 | 23 44 | 9 49 | 18 41 | 18 20 | 4 10 | 17 58 | 5 19 |
| F 18 | 23 25 | 26 26 | 4 15 | 25 28 | 2 3 | 18 14 | 1 27 | 19 51 | 0 6 | 20 58 | 0 24 | 13 37 | 2 26 | 18 55 | 0 39 | 4 49 | 1 42 | 23 45 | 9 50 | 18 40 | 18 19 | 4 7 | 17 58 | 5 19 |
| S 19 | 23 27 | 24 25 | 4 50 | 25 27 | 2 5 | 18 32 | 1 25 | 20 0 | 0 6 | 21 0 | 0 25 | 13 36 | 2 26 | 18 56 | 0 39 | 4 49 | 1 42 | 23 45 | 9 50 | 18 39 | 18 18 | 4 4 | 17 58 | 5 19 |
| S 20 | 23 28 | 20 55 | 5 9 | 25 24 | 2 7 | 18 50 | 1 23 | 20 10 | 0 5 | 21 1 | 0 25 | 13 36 | 2 26 | 18 56 | 0 39 | 4 49 | 1 42 | 23 46 | 9 50 | 18 37 | 18 17 | 4 0 | 17 58 | 5 19 |
| M21 | 23 29 | 16 11 | 5 9 | 25 19 | 2 9 | 19 8 | 1 21 | 20 19 | 0 5 | 21 3 | 0 25 | 13 35 | 2 25 | 18 57 | 0 39 | 4 49 | 1 42 | 23 46 | 9 51 | 18 36 | 18 16 | 3 57 | 17 58 | 5 19 |
| T 22 | 23 29 | 10 34 | 4 50 | 25 14 | 2 10 | 19 24 | 1 19 | 20 28 | 0 4 | 21 4 | 0 25 | 13 35 | 2 25 | 18 57 | 0 39 | 4 49 | 1 42 | 23 47 | 9 51 | 18 36 | 18 15 | 3 54 | 17 59 | 5 19 |
| W23 | 23 28 | 4 25 | 4 14 | 25 6 | 2 10 | 19 41 | 1 17 | 20 37 | 0 3 | 21 5 | 0 25 | 13 34 | 2 25 | 18 58 | 0 39 | 4 49 | 1 42 | 23 48 | 9 51 | 18 35 | 18 15 | 3 51 | 17 59 | 5 20 |
| T 24 | 23 28 | 1n57 | 3 22 | 24 57 | 2 11 | 19 56 | 1 15 | 20 46 | 0 3 | 21 7 | 0 25 | 13 34 | 2 25 | 18 58 | 0 39 | 4 49 | 1 42 | 23 48 | 9 51 | 18 35 | 18 14 | 3 48 | 17 59 | 5 20 |
| F 25 | 23 27 | 8 13 | 2 18 | 24 47 | 2 11 | 20 12 | 1 13 | 20 55 | 0 2 | 21 8 | 0 26 | 13 33 | 2 24 | 18 59 | 0 39 | 4 49 | 1 42 | 23 49 | 9 52 | 18 36 | 18 13 | 3 45 | 17 59 | 5 20 |
| S 26 | 23 25 | 14 3 | 1 7 | 24 34 | 2 10 | 20 26 | 1 11 | 21 3 | 0 1 | 21 10 | 0 26 | 13 33 | 2 24 | 18 59 | 0 39 | 4 49 | 1 42 | 23 49 | 9 52 | 18 36 | 18 12 | 3 41 | 17 59 | 5 20 |
| S 27 | 23 23 | 19 7 | 0n 8 | 24 21 | 2 9 | 20 40 | 1 8 | 21 12 | 0 1 | 21 11 | 0 26 | 13 33 | 2 24 | 19 0 | 0 39 | 4 49 | 1 42 | 23 50 | 9 52 | 18 36 | 18 11 | 3 38 | 17 59 | 5 20 |
| M28 | 23 20 | 23 6 | 1 22 | 24 5 | 2 7 | 20 54 | 1 6 | 21 20 | 0 0 | 21 13 | 0 26 | 13 32 | 2 24 | 19 1 | 0 39 | 4 49 | 1 42 | 23 50 | 9 53 | 18 36 | 18 10 | 3 35 | 17 59 | 5 21 |
| T 29 | 23 17 | 25 44 | 2 30 | 23 48 | 2 5 | 21 7 | 1 4 | 21 28 | 0s 1 | 21 15 | 0 26 | 13 32 | 2 23 | 19 1 | 0 39 | 4 49 | 1 42 | 23 51 | 9 53 | 18 35 | 18 10 | 3 32 | 17 59 | 5 21 |
| W30 | 23 13 | 26 50 | 3 28 | 23 30 | 2 2 | 21 19 | 1 1 | 21 36 | 0 1 | 21 16 | 0 26 | 13 32 | 2 23 | 19 2 | 0 39 | 4 49 | 1 42 | 23 52 | 9 53 | 18 34 | 18 9 | 3 29 | 17 59 | 5 21 |
| T 31 | 23s 9 | 26n22 | 4n14 | 23s10 | 1s58 | 21s31 | 0n59 | 21s43 | 0s 2 | 21n18 | 0n27 | 13n32 | 2s23 | 19n 2 | 0n39 | 4n50 | 1s41 | 23n52 | 9n53 | 18n32 | 18n 8 | 3n26 | 18s 0 | 5n21 |

Julian Day Number = 2344132.5, Delta T = 12.48 sec
Ecliptic obliquity = 23°28'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'06, Lahiri = 19°45'06Greg. Calendar