Astrodienst Ephemeris Tables
for the year 1663

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris
Code D5EPX
### JANUARY 1663 GC

**00:00 UT**

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Julian Day Number = 2328848.5, Delta T = 34.29 sec
Ecliptic obliquity = 23°2850, Nutation = 0'0004, out-of-bounds declination in red
Ayanama: Fagian/Bradley = 20°0215, Lahiri = 19°0916Greg. Calendar

page 3 of 13
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### ASTRODIENST EPHEMERIS for the year 1663

**March 1663 GC**
**0:00 UT**

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- **Number**: 232857.5
- **Delta T**: 34.24 sec

### Ecliptic obliquity

- **Value**: 23°28′51.5
- **Unit**: −0.0005

### Out-of-bounds declination

- **Reduction**: Ayanama: Fagan-Bradley + 0.02019, Lahiri + 0.19009

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Ayanamsa: Fagan/Bradley = 20'02'40, Lahiri = 19'09'41 Greg. Calendar

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Julian Day Number = 2328731.5, Delta T = 33.85 sec
Ecliptic obliquity = 23°28'52", Nutation = - 0°00'10".
Out-of-bounds declination in red.

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Ecliptic obliquity = 23°28'52", Nutation = - 0°00'10", out-of-bounds declination in red.
## DECISION 1663 GC

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Julian Day Number = 2328792.5, Delta T = 33.73 sec
Ecliptic obliquity = 23°28'51, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°02'57, Lahiri = 19°09'57 Greg. Calendar

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