



# **The Astronomical Almanac (2016-2020): A Comprehensive Guide to Night Sky Events**

*Richard J. Bartlett*

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Designed for astronomers worldwide, the almanac provides details of thousands of astronomical events from 2016 through to the end of 2020.

Written by a former freelance writer for Astronomy magazine, the guide includes almost daily data and information on the Moon and planets, as well as Pluto, Ceres, Pallas, Juno and Vesta:

- \* The phases of the Moon
- \* Conjunctions between the Moon, planets and asteroids (including angular separation for conjunctions involving the planets and asteroids.)
- \* Lunar and Solar eclipses
- \* Annual summaries of when to observe the planets and asteroids
- \* Annual summaries of notable close planetary conjunctions
- \* Peak dates for the major meteor showers with moon phase
- \* Dates of perihelion, aphelion, perigee and apogee for the planets and asteroids
- \* Inferior and Superior conjunction for Mercury and Venus
- \* Greatest Eastern and Western elongation for Mercury and Venus
- \* Opposition and solar conjunction dates for the outer planets and asteroids
- \* Apparent diameter changes for the planets
- \* Magnitude changes for the planets and asteroids
- \* Constellation changes for the Sun, planets and asteroids
- \* Dates of the equinoxes and solstices

Whether you're an expert astronomer or a casual star gazer, the almanac is the essential guide for observers everywhere.

(The first edition, detailing 2015-2019, has been downloaded nearly 6,000 times and has sold hundreds of paperback copies. It was ranked #1 in Free Kindle Astronomy books, #3 in Paid Kindle Astronomy books and within the Top 50 of ALL Free Kindle Books.)

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