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The Astronomical Almanac Online!

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Welcome

The Astronomical Almanac is a joint publication of the U.S. Nautical Almanac Office, United States Naval Observatory (USNO), in the United States and Her Majesty's Nautical Almanac Office (HMNAO), United Kingdom Hydrographic Office (UKHO), in the United Kingdom. The printed version contains precise ephemerides of the Sun, Moon, planets, and satellites, data for eclipses and other astronomical phenomena for a given year, and serves as a world-wide standard for such information. The online version extends the printed version by providing data best presented in machine-readable form.

These pages are available at [USNO](#) and [HMNAO](#).

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Recent and Upcoming Phenomena (UT)			
Mon.	Aug 21	19h	Venus 7° S. of Pollux
Mon.	Aug 21	19h	NEW MOON, Eclipse
Fri.	Aug 25	13h	Jupiter 3° S. of Moon
Fri.	Aug 25	15h	Saturn stationary
Sat.	Aug 26	10h	Juno stationary
Sat.	Aug 26	21h	Mercury in inferior conjunction
Tue.	Aug 29	08h	FIRST QUARTER
Wed.	Aug 30	11h	Moon at apogee
Wed.	Aug 30	14h	Saturn 4° S. of Moon

Logo



URL

<http://asa.usno.navy.mil/index.html>

Subject

Astronomy - Almanacs

Accessibility

Free

Language

English

Publisher

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Brief History

Subject to research

Scope and Coverage

Astronomical information are covered here.

Kind of Information

The Astronomical Almanac Online does not duplicate all the data from the book. It does, in some cases, provide additional information or greater precision than the printed data. Updates to this site occur regularly and accompany the publication of the book.

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Phenomena: In this section of The Astronomical Almanac, various phenomena of astronomical interest are published.

Time Scales and Coordinate Systems: Procedures are given to calculate both intermediate and apparent right ascension, declination and hour angle of planetary and stellar objects which are referred to the International Celestial Reference System.

Sun: Information about the Sun is published in Section C of The Astronomical Almanac.

Moon: Information about the Moon is published in Section D of The Astronomical Almanac. Such information includes the phases of the Moon for the year.

Special Features

- ❖ Selected astronomical constants are given along with their associated references. These constants are available in PDF and ASCII format.
- ❖ The Astronomical Almanac contains a list of errata identified from earlier editions. Presented here are all errata found in each volume from 2001 to the present.
- ❖ A glossary is available where all the terms are alphabetically arranged.
- ❖ Errors of every edition are given, and these are listed year wise under Errata.

Errata	Col
Errata 2015	
Errata 2014	
Errata 2013	
Errata 2012	
Errata 2011	
Errata 2010	
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Errata 2008	
Errata 2007	
Errata 2006	
Errata 2005	

Arrangement Pattern Topics are arranged section wise.

As for example,

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Remarks The Astronomical Almanac Online is helpful for astronomers, space scientists and also for the space related research organizations.

Comparable Tools ➤ AstroNav (<http://navsoft.com/astronav.html>)

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