



A Peterson Field Guide to Stars and Planets (Peterson Field Guides)

By Jay M. Pasachoff Professor of Astronomy



Download



Read Online

A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy

The fourth edition of this best-selling field guide was revised and updated to include the latest information. As of the 14th printing (June 2016; the cover medallion says "Pluto Flyby Included"), all the time-sensitive material is valid through 2020: solar eclipses, phases of the moon, positions of the planets, and more. Twenty-four Monthly Sky Maps, revised and in color, show exactly what you'll see when facing north or south in the night sky. Fifty-two Atlas Charts, also revised and in color, cover the entire sky, including close-ups of areas of special interest such as the Pleiades and the Orion Nebula. Two dozen pages cover the August 21, 2017, total solar eclipse whose path crosses the continental United States, how and where to view it, and other aspects of current and future solar eclipses.



[Download A Peterson Field Guide to Stars and Planets \(Peter ...pdf](#)



[Read Online A Peterson Field Guide to Stars and Planets \(Pet ...pdf](#)

A Peterson Field Guide to Stars and Planets (Peterson Field Guides)

By Jay M. Pasachoff Professor of Astronomy

A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy

The fourth edition of this best-selling field guide was revised and updated to include the latest information. As of the 14th printing (June 2016; the cover medallion says "Pluto Flyby Included"), all the time-sensitive material is valid through 2020: solar eclipses, phases of the moon, positions of the planets, and more. Twenty-four Monthly Sky Maps, revised and in color, show exactly what you'll see when facing north or south in the night sky. Fifty-two Atlas Charts, also revised and in color, cover the entire sky, including close-ups of areas of special interest such as the Pleiades and the Orion Nebula. Two dozen pages cover the August 21, 2017, total solar eclipse whose path crosses the continental United States, how and where to view it, and other aspects of current and future solar eclipses.

A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy **Bibliography**

- Sales Rank: #155795 in Books
- Published on: 1999-11-23
- Released on: 1999-11-23
- Original language: English
- Number of items: 1
- Dimensions: 7.25" h x 1.19" w x 4.50" l, 1.40 pounds
- Binding: Paperback
- 592 pages

 [Download A Peterson Field Guide to Stars and Planets \(Peter ...pdf](#)

 [Read Online A Peterson Field Guide to Stars and Planets \(Pet ...pdf](#)

Download and Read Free Online A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy

Editorial Review

Review

"Brimming with dazzling celestial photographs and timely astronomical information, the newly revised Peterson Field Guide to the Stars and Planets is a must-have resource for any amateur stargazer." Country Living Gardener

"An excellent introduction to astronomy for beginners and a field guide for experts." St. Louis Post-Dispatch

About the Author

Jay M. Pasachoff is the Field Memorial Professor of Astronomy and the Chair of the Astronomy Department at Williams College. He is the author of the *Peterson Field Guide to Stars and Planets*, as well as numerous textbooks and trade books on astronomy, weather, and more.

Roger Tory Peterson, one of the world's greatest naturalists, received every major award for ornithology, natural science, and conservation as well as numerous honorary degrees, medals, and citations, including the Presidential Medal of Freedom. The Peterson Identification System has been called the greatest invention since binoculars. These editions include updated material by Michael O'Brien, Paul Lehman, Bill Thompson III, Michael DiGiorgio, Larry Rosche, and Jeffrey A. Gordon.

Excerpt. © Reprinted by permission. All rights reserved.

The moon is often the most prominent object in the nighttime sky. The moon is somewhat more than one-quarter the diameter of the earth. This makes it the largest substantial satellite (moon) in the solar system in comparison to its parent planet. (Three moons of Jupiter and one each of Neptune and Saturn are physically larger than our moon; Pluto's small moon Charon is nearly half Pluto's size.)

The moon orbits the earth every 27-1/3 days with respect to the stars. But during that time, the earth and moon have moved as a system about 1/12 of the way in their yearly orbit around the sun. So if the moon at a certain point in its orbit is directly between the earth and the sun, 27-1/3 days later it has not quite returned to that point directly between the earth and the sun. The moon must orbit the earth a bit farther to get back to the same place with respect to the line between the earth and the sun. The moon reaches this point in a couple of days, making the synodic period of the moon equal to 29-1/2 days. (The synodic period is the interval between two successive conjunctions — coming to the same celestial longitude — of two celestial bodies, in this case conjunctions of the moon and sun as observed from the earth.) It is the synodic months that are taken into account in lunar calendars.

Users Review

From reader reviews:

Barbara Butler:

As people who live in the particular modest era should be change about what going on or facts even knowledge to make them keep up with the era and that is always change and progress. Some of you maybe will certainly update themselves by reading through books. It is a good choice to suit your needs but the

problems coming to an individual is you don't know what one you should start with. This A Peterson Field Guide to Stars and Planets (Peterson Field Guides) is our recommendation to help you keep up with the world. Why, as this book serves what you want and wish in this era.

John Bledsoe:

Now a day people who Living in the era just where everything reachable by connect to the internet and the resources in it can be true or not need people to be aware of each information they get. How individuals to be smart in receiving any information nowadays? Of course the solution is reading a book. Reading a book can help persons out of this uncertainty Information particularly this A Peterson Field Guide to Stars and Planets (Peterson Field Guides) book as this book offers you rich data and knowledge. Of course the details in this book hundred pct guarantees there is no doubt in it you know.

Clyde Okane:

The event that you get from A Peterson Field Guide to Stars and Planets (Peterson Field Guides) could be the more deep you rooting the information that hide in the words the more you get interested in reading it. It doesn't mean that this book is hard to comprehend but A Peterson Field Guide to Stars and Planets (Peterson Field Guides) giving you enjoyment feeling of reading. The author conveys their point in specific way that can be understood by simply anyone who read the item because the author of this guide is well-known enough. This particular book also makes your own personal vocabulary increase well. Making it easy to understand then can go with you, both in printed or e-book style are available. We recommend you for having this specific A Peterson Field Guide to Stars and Planets (Peterson Field Guides) instantly.

Jack Rolfes:

This A Peterson Field Guide to Stars and Planets (Peterson Field Guides) tend to be reliable for you who want to be described as a successful person, why. The reason of this A Peterson Field Guide to Stars and Planets (Peterson Field Guides) can be one of many great books you must have is definitely giving you more than just simple examining food but feed anyone with information that possibly will shock your previous knowledge. This book is usually handy, you can bring it just about everywhere and whenever your conditions at e-book and printed ones. Beside that this A Peterson Field Guide to Stars and Planets (Peterson Field Guides) giving you an enormous of experience for example rich vocabulary, giving you test of critical thinking that we all know it useful in your day pastime. So , let's have it and enjoy reading.

Download and Read Online A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy #8PD2R9IQ1UG

Read A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy for online ebook

A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy books to read online.

Online A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy ebook PDF download

A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy Doc

A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy Mobipocket

A Peterson Field Guide to Stars and Planets (Peterson Field Guides) By Jay M. Pasachoff Professor of Astronomy EPub