

## *Night Sky Observers Guide*







### **Night Sky Observers Guide**

Learn about skywatching, astronomy, star gazing, and comets in the night sky at SPACE.com. View astrophotography and images of celestial bodies.

### **Night Sky - Stargazing and Night Sky Watching - Space.com**

Find out what's up in your night sky during April 2019 and how to see it in this Space.com stargazing guide.

### **Night Sky, April 2019: What You Can See This ... - Space.com**

Author: Kelly Whitt Summer is the season for noctilucent clouds, and they have already been appearing to observers in the UK. When water vapour enters the mesosphere due to upwelling of moisture in summertime, dust sticks to the vapour and forms the eerie blue wispy clouds seen high in the atmosphere.

### **Astronomy Today's Guide to the Night Sky**

See this week's sky at a glance with observing tips and maps to guide you to the night sky. Don't miss out on comets, meteors, eclipses, and more!

### **Sky at a Glance | Recent Astronomy News & Night Sky Events**

April 23, 2019, before dawn, the Lyrids The Lyrid meteor shower – April's shooting stars – lasts from about April 16 to 25. About 10 to 15 meteors per hour can be expected around the shower ...

### **EarthSky's 2019 meteor shower guide | Astronomy Essentials ...**

What kind of things do deep-sky observers need? A good scope. Clear skies. And something to find and identify objects and their features. The upcoming interstellarum Deep Sky Guide will be the definitive tool to do just this. If you are like me, you don't stay at bright and easy to find targets. You like ... Continue reading "Preview: interstellarum Deep Sky Guide"

### **Preview: interstellarum Deep Sky Guide - The Visual Astronomer**

The map above shows the areas of the Earth's surface from which a total eclipse of the Moon by Earth's umbra, or dark shadow, on the night of the 21 st of January can be observed. Although observers located in the unshaded areas on this map will be able to experience the 5-hour long event, the UK is located on the extreme western edge of the unshaded area.

### **The Night Sky This Month: January 2019 - astronomytrek.com**

Constellation maps divide the celestial sphere into 88 parts, known as constellations, helping astronomers locate stars and deep sky objects. The constellations that can be seen in the sky at night depend on the observer's location and season, and they change throughout the year.

### **Constellation Map | Constellation Guide**

Venus started pretty high in the sky in November and December, but now (in April), it isn't quite as high. Why? Watch the animation above to find out!

### **Today's Night Sky - Shadow & Substance**

Sirius, the brightest star in the night sky and the fifth closest star to our solar system, will be briefly occulted Monday by an asteroid hurtling around the Sun. The first time this event has ...

### **The 'Dog Star', The Brightest Star In The Night Sky, Will ...**

Location Location . Your location is an important factor and will greatly influence the number of comets you can observe. The ideal location is a very dark rural site away from any light pollution and with a panoramic view down to the horizon.

### **An Observing Guide For Comets - Nightskyhunter.com**

The night sky is always changing. Observers watch planets dance in the evening, stars explode as supernovae, and new comets grace dawn skies. Here we bring together all the stargazing tips and

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### **Observing | Stargazing Guides, Astronomy Podcasts & More**

Deep-sky object (abbreviated as DSO) is a term designating any astronomical object that is not an individual star or Solar System object (such as Sun, Moon, planet, comet, etc.). The classification is used for the most part by amateur astronomers to denote visually observed faint naked eye and telescopic objects such as star clusters, nebulae and galaxies.

### **Deep-sky object - Wikipedia**

Introduction To This Edition This book introduces you to the bright stars and major constellations, along with dozens of deep-sky sights of interest within each constellation, such as

### **Stargazing For Beginners v1 - Basic Astronomy and Night ...**

The Position of Saturn in the Night Sky: 2014 to 2022. by Martin J. Powell. Having spent a period of just over three years in the constellation of Virgo, the Virgin, Saturn moved South-eastwards into Libra, the Balance in late August 2013. From this time through to the early 2020s the planet occupies the constellations of the Southern zodiac stretching through to Capricornus, the Sea Goat.

### **The Position of Saturn in the Night Sky: 2014 to 2022**

In astronomy and navigation, the celestial sphere is an abstract sphere that has an arbitrarily large radius and is concentric to Earth. All objects in the sky can be conceived as being projected upon the inner surface of the celestial sphere, which may be centered on Earth or the observer. If centered on the observer, half of the sphere would resemble a hemispherical screen over the observing ...

### **Celestial sphere - Wikipedia**

Take a look at this month's Sky Map to help you explore the wonders of the night sky! Ideal for all sky watchers including beginners to astronomy. The Sky Map will help you identify planets, bright stars, constellations and nebulae! Printable version available too!

### **Sky Map for April 2019 - Astronomy News UK, Night Sky ...**

On July 20, 2014, the adventure began when Gary Barabino traveled by vehicle from Slidell, LA to meet me at my residence in Riverview, FL, departing the following day to head for the most prestigious amateur telescope making convention in the world, Stellafane (July 24, -- July 27, 2014). Ever since the early years of the Vega, going to and bring a telescope project to compete at Stellafane was ...

### **The Vega Sky Center - An Amateur Astronomy Web Hub ...**

The Full Moon dominates the sky late this week, but observers still have good opportunities to view several bright planets and the winter sky's swan song.

### **Observing | Astronomy.com**

M74: Galaxy in Pisces January 2012: By Glenn Chaple Last month, we explored the galaxy M33, a notoriously difficult telescopic target due to its extremely low surface brightness. For the same reason, M74 is even more challenging; in fact, many consider it the most visually demanding of all the Messier objects.

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