



STATEWIDE STAR PARTY

## WEB RESOURCES: SKYWATCHING 101

Find this document online at

<http://www.ncsciencefestival.org/starparty>

### TONIGHT'S SKY

#### Clear Sky Charts

<http://www.cleardarksky.com/csk/>

Will tonight's sky be clear? Find a chart for your location.

#### U.S. Naval Observatory, Astronomical Applications

<http://aa.usno.navy.mil/data/index.php>

Rise and set times for Sun, Moon, planets—and a lot more

#### Heavens-Above.com

<http://heavens-above.com/>

Star charts for any location, date, and time—be sure to specify your observing location

#### Stellarium

<http://www.stellarium.org/>

Download free planetarium software for your computer.

#### StarDate's Moon page

<http://stardate.org/nightsky/moon>

Illustrations of lunar phases for a given month, Moon FAQs

#### Spot the International Space Station

<http://spotthestation.nasa.gov/>

When can you see the ISS? Sign up for alerts.

### EDUCATOR RESOURCES

#### Handling Difficult Questions (and Difficult People)

<https://astrosociety.org/SharingTheUniverse/questions.html>

Read the tips or watch the 8-minute video on how to respond to questions that are off topic or confrontational.

#### NASA Night Sky Network

<http://nightsky.jpl.nasa.gov>

Excellent activities—click “Outreach Resources”

#### NASA Wavelength

<http://nasawavelength.org/>

A “full spectrum” of NASA resources for earth and space science education

#### NASA's Solar System Exploration

<http://solarsystem.nasa.gov/>

Facts, images, news, space missions

#### GLOBE at Night

<http://www.globeatnight.org>

Participate in a citizen-science campaign to measure light pollution.

#### International Dark-Sky Association

<http://www.darksky.org>

Resources and activities on light pollution, including free check-out of pop-up displays on connections with wildlife, human health, energy, and safety

#### Astronomy Picture of the Day

<http://apod.nasa.gov/apod/>

Makes a great home page

#### Choosing a Telescope

<http://www.chaosastro.com/> (click “Buying a Telescope”)

<http://raleighastro.org/choosing-a-telescope/>

What telescope should you buy? Read advice from amateur astronomers.

*Though my soul may set in darkness,  
it will rise in perfect light;*

*I have loved the stars too fondly  
to be fearful of the night.*

- Sarah Williams



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