



STATEWIDE STAR PARTY

WEB RESOURCES

TONIGHT'S SKY

Clear Sky Charts

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

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

US Naval Observatory, Astronomical

Applications

<http://www.usno.navy.mil/USNO/astronomical-applications/data-services>

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

See the International Space Station

<http://spotthestation.nasa.gov/>
When can you see the ISS?
Sign up for alerts.

SOLAR SYSTEM

NASA's Solar System Exploration

<http://solarsystem.nasa.gov/>
Facts, images, news, space
missions

"What is a Planet?"

<http://science.nasa.gov/planetary-science/planetary-science-multimedia-links/what-is-a-planet/>

An 8-minute video of the
history behind Pluto's
reclassification as a dwarf
planet

Explorer's Guide to the Solar System

http://nightsky.jpl.nasa.gov/download-view.cfm?Doc_ID=236
Powerpoint slides and script for
a non-technical introduction
to exploring the solar system.
(Note: some outdated
information)

New Horizons mission to Pluto and the Kuiper belt

http://www.nasa.gov/mission_pages/newhorizons/main/
Closest approach to Pluto on
July 14, 2015

Dawn mission to Ceres

<http://dawn.jpl.nasa.gov/>
Arrival at dwarf planet Ceres in
March 2015

Solar System Simulator

<http://space.jpl.nasa.gov/>
Locations of planets and NASA
missions

Earth as a Peppercorn

<http://www.noao.edu/education/peppercorn/pcmain.html>
The classic thousand-yard
model of the solar system from
the Sun to Pluto

Build a Solar System

http://www.exploratorium.edu/ronh/solar_system
Design a solar system walk
with the scale of your choice.

If the Moon Were Only One Pixel

http://joshworth.com/dev/pixelspace/pixelspace_solarsystem.html
"A tediously accurate scale
model of the solar system"

Planet Quest: The Search for Another Earth

<http://planetquest.jpl.nasa.gov/>
NASA's portal for news about
exoplanet discoveries

OTHER RESOURCES

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

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>

Click “Education,” then “Quick Reference Materials” for brochures on connections with wildlife, energy, safety, and human health.

Astronomy Picture of the Day

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

Makes a great home page

Choosing a Telescope

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

<http://www.raleighastro.org/observing/general-articles/185-buying-a-telescope-2011>

Telescope advice from amateur astronomers. You can email questions to help@chaosastro.org

The Sun, with all those planets revolving around it and dependent upon it, can still ripen a bunch of grapes as if it had nothing else in the Universe to do.

— Galileo Galilei



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