

## Week Four: Astrophotography Supplemental Resources

*Light and Color in the Outdoors* by Marcel Minnaert (Springer-Verlag; London; 1993)

*Atlas of the Moon* by Antonin Ruki (Sky Publishing; Cambridge, Mass.; 2004)

*The Night Sky Observer's Guide* by George Robert Kepple and Glen W. Sanner (Willmann-Bell; Richmond, VA; 1998)

*Burnham's Celestial Handbook* by Robert Burnham Jr. (Dover Publications; New York; 1978)

*Celestial Sampler* by Sue French (Sky Publishing; Cambridge, MA; 2006)

*The Messier Objects* by Stephen James O'Meara (Cambridge University Press; Cambridge; 1998)

*Hidden Treasures* by Stephen James O'Meara (Cambridge University Press; Cambridge; 1998)

*Digital Astrophotography: A Guide to Capturing the Cosmos* by Stefan Seip (Rocky Nook Publishing; 2008)

*A Guide to Astrophotography with Digital SLR Cameras* by Jerry Lodriguess (Astropix LLC; 2006)

*A Beginner's Guide to DSLR Astrophotography* by Jerry Lodriguess (Astropix LLC; 2009)

*Photoshop Astronomy* by R. Scott Ireland (Willmann-Bell; Richmond, VA; 1997)

*Digital SLR Astrophotography* by Michael A. Covington (Cambridge University Press; 2007)

*The Backyard Astronomer's Guide* by Terence Dickinson & Alan Dyer (Firefly Books Inc; New York; 2008)

*The Handbook of Astronomical Image Processing* by Richard Berry and James Burnell (Willmann-Bell; Richmond, VA; 1997)

*Wide-Field Astrophotography: Exposing the Universe Starting with a Common Camera* by Robert Reeves (William-Bell; Richmond, VA; 2000)

*Introduction to Digital Astrophotography: Imaging the Universe with a Digital Camera* by Robert Reeves (William-Bell; Richmond, VA; 2004)

*Capturing the Stars: Astrophotography by the Masters* by Robert Gendler (Voyageur Press; 2009)

### General:

<http://antwrp.gsfc.nasa.gov/apod/astropix.html>

Astronomy Picture of the Day – NASA hosted website that features a new astronomy related picture each day.

<http://epod.usra.edu/>

Earth Science Picture of the Day – NASA hosted website that features a new earth science related picture each day.

[http://aa.usno.navy.mil/data/docs/RS\\_OneDay.php](http://aa.usno.navy.mil/data/docs/RS_OneDay.php)

Generate Sunrise, Sunset, Moonrise, and Moonset times for the entire year.

<http://sunrisesunset.com/>

Lists Sunrise and Sunset Times for locations around the world.

<http://spacedaily.com/>

Daily news in all space related matters

<http://astronomy.fm/>

An Amateur Astronomy Online Community

<http://www.astronomy.com/>

Astronomy Magazine – The world's top selling astronomy magazine.

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

The International Astronomical Union.

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

The International Dark Sky Association

<http://twanight.org/newTWAN/index.asp>

The World at Night – An organization dedicated to displaying the union of the Earth and Sky

**Field of View Calculator:**

<http://www.tawbaware.com/maxlyons/calc.htm>

<http://www.howardedin.com/articles/fov.html>

**Camera Cooling:**

<http://ghonis2.ho8.com/index.html>

Camera Modifications by Gary Honis

**Barn Door Mount:**

<http://www.jlc.net/~force5/Astro/ATM/Barndoor/barndoor.html>

<http://www.astronomyboy.com/barndoor/index.html>

**Processing and Post-Processing:**

<http://www.schursastrophotography.com/>

<http://www.colormoon.pt.to/>

**Satellite Prediction:**

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

Satellites and Comet Predictions

<http://calsky.com/>

Online astronomical observation calculator

**DSLR Modification Service:**

<http://www.sciencecenter.net/hutech/>

Camera Modifications, Filters, Telescopes, Mounts and More by Astro Hutech

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

Camera Modifications by Hap Griffin at Imaging Infinity

<http://ghonis2.ho8.com/index.html>

Camera Modifications by Gary Honis

#### **Star Charts:**

<http://www.stargazing.net/astropc/>

Cartes du Ciel Sky Charts

<http://www.skymaps.com/>

Monthly Sky Maps

#### **Monitor Calibration:**

<http://spyder.datacolor.com/>

Monitor Calibration by ColorVision

<http://www.displaycalibration.com/>

Free online monitor calibration

#### **Dark Sky Finder:**

[http://www.jshine.net/astronomy/dark\\_sky/](http://www.jshine.net/astronomy/dark_sky/)

A light pollution map for the United States.

#### **Weather:**

<http://cleardarksky.com/>

Hourly astronomy weather conditions. Created specifically for the amateur astronomy.

<http://spaceweather.com/>

Up-to-date celestial weather. Good source for Lunar and Solar activity, Auroras, Meteor Showers and more.

<http://www.wunderground.com/>

Weekly forecast plus Moon and Sun rise and set times.

<http://www.skippysky.com.au/>

Designed with the amateur astronomer in mind, this site provides maps detailing cloud cover, seeing, transparency, and more.

#### **Online Forums:**

<http://www.cloudynights.com/>

Cloudy Nights Telescope Reviews

<http://groups.yahoo.com/>

Yahoo Groups - Find online forums on a variety of astronomical and imaging topics.

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

Astrophotogallery - Post your images and provide feedback on others' images.