



MERI Library Research Guide 4: Astronomy

General Information

This guide provides an overview of publications and online resources on or related to Astronomy and in support of the McDowell Observatory. To access those publications available online full-text you will need Adobe Reader software. All other publications in this guide are available at the MERI Library. For more information, contact the Librarian at 201-460-2808.

Astronomical Photography, Photometry and Imaging

Astronomical Photometry: A Text and Handbook for the Advanced Amateur and Professional Astronomer. Arne A. Henden
CIRC QB 135.H44 1990

An Introduction to Astronomical Photometry. E. Budding
CIRC QB 135.B78 2007

CCD Astrophotography: High-Quality Imaging from the Suburbs. Adam M. Stuart
CIRC QB 121.S78 2006

Digital Astrophotography: A Guide to Capturing the Cosmos. Stefan Seip
CIRC QB 121.S45 2008

Handbook of CCD Astronomy. Steve B. Howell
CIRC QB 127.4.H69 2006

A Practical Guide to Lightcurve Photometry and Analysis. Brian Warner
CIRC QB 135 .W37 2006

Stars and Their Spectra: An Introduction to the Spectral Sequence. James B. Kaler
CIRC QB871.K33 1997

Astronomy - Observation Guides, Handbooks and Maps

Advanced Skywatching: The Backyard Astronomer's Guide to Starhopping and Exploring The Universe.
CIRC QB 64.A38 1997

Astronomy Hacks. Robert Bruce Thompson
CIRC QB 64.T49 2005

The Cambridge Double Star Atlas. James Mullaney
CIRC QB 821.M829 2009

The Cambridge Star Atlas. Wil Tirion
CIRC QB 65.T575

Illustrated Guide to Astronomical Wonders. Robert Bruce Thompson
CIRC QB 64.T46 2007

National Audubon Society Field Guide to the Night Sky.
CIRC QB 63.C46 1994

New Jersey Starwatch. Mike Lynch
CIRC QB 64.L9625 2006

New York Starwatch. Mike Lynch
CIRC QB 64.L963 2005

NightWatch: A Practical Guide to Viewing the Universe. Terence Dickinson,
CIRC QB 64.D535 2006

Planets, Stars and Galaxies: Descriptive Astronomy for Beginners. A. E. Fanning
CIRC QB 44.F25 1966

The Urban Astronomer's Guide: A Walking Tour of the Cosmos for City Sky Watchers.
Rod Mollise
CIRC QB 44.3.M65 2006

Astronomy - General and Online

Curious About Astronomy? Ask an Astronomer at Cornell University.
<http://curious.astro.cornell.edu/index.php>

Imagine the Universe! Goddard Space Flight Center, NASA
<http://imagine.gsfc.nasa.gov/index.html>

Kepler Star Wheels. NASA
<http://kepler.nasa.gov/ed/starwheel/KeplerStarWheel.pdf>

Lunar and Planetary Institute
<http://www.lpi.usra.edu/>

Night Sky Network. Jet Propulsion Laboratory, NASA
<http://nightsky.jpl.nasa.gov/index.cfm>

Science Daily.
PER Online
<http://www.sciencedaily.com/>

Scientific American.

PER Shelved by Title

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

Seeing in the Dark. PBS Home Video

MEDIA PB.F477d

Sky and Telescope.

PER Shelved by Title

<http://skyandtelescope.com/Default.asp>

The Sky is your Laboratory: Advanced Astronomy Projects for Amateurs. Robert K.

Buchheim

CIRC QB 62.B83 2007

Solar System Simulator. Jet Propulsion Laboratory, NASA

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

Space Place. NASA

<http://spaceplace.nasa.gov/en/kids/>

StarChild: A Learning Center for Young Astronomers. Goddard Space Flight Center, NASA

<http://starchild.gsfc.nasa.gov/docs/StarChild/StarChild.html>

Star Maps: A History, Artistry, and Cartography. Nick Kanas

CIRC QB 65.K345 2007

WebCam Astronomy.

<http://webcamastronomy.com/index.html>