

QO Manual - Recommended Reading

Notes

The following is a list of books are recommended for anyone interested in amateur astronomy or space related topics. The titles will be followed by the ISBN number where available. Some of these titles may be out of print. Those that we are aware of are denoted by a “*”. They may be available on the used book market or at your local library if your interested in obtaining them.

General Astronomy and Space Science

- Cosmos — *Carl Sagan* [0-394715-96-9]
- A View of the Universe — *David Malin* [0-876541-01-5]
- Space Places — *Roger Ressmeyer* [*]
- Galaxies — *Timothy Ferris* [0-517631-76-8]

Telescopes and Accessories

- Telescope Optics — *Harrie Rutten and Martin van Venrooij* [0-943396-18-2]
- Amateur Astronomer's Handbook — *J. B. Sidgwick* [0-486240-34-7]
- Star Ware — *Phil Harrington* [0-471183-11-3]
- The Backyard Astronomer's Guide — *Terence Dickinson and Alan Dyer* [0-921820-11-9]
- How to Use Your Telescope — *Sam Brown* [*]
- All About Telescopes — *Sam Brown* [0-933346-20-4] [*]

Observing Handbooks

- A Field Guide to the Stars and Planets — *Jay Pasachoff and Donald Menzel* [0-395910-99-4]
- Observational Astronomy for Amateurs — *J. B. Sidgwick* [0-486240-33-9]
- Burnham's Celestial Handbook — *Robert Burnham, Jr.* [3 vols: 0-486235-67-x]
- The Amateur Astronomer's Handbook — *James Muir* [0-061816-22-1] [*]
- Celestial Objects for Common Telescopes — *T. W. Webb* [*]
- The Messier Album — *John Mallas and Evered Kreimer* [*]
- Objects in the Heavens — *Peter Birren* [1-55369-662-X]

Amateur Telescope Making (ATM)

- Making Your Own Telescope — *Allyn J. Thompson* [0-933346-12-3]
- Amateur Telescope Making — *edited by Albert Ingalls* [3 vols: 0-943396-(484,492,506)]
- Build Your Own Telescope — *Richard Berry* [0-943396-42-5]
- How to Make a Telescope — *Jean Texereau* [0-943396-04-2]
- Homebuilt Telescopes — *Sam Brown* [*]

Star Charts

- [Cambridge Star Atlas 2000](#) [0-521560-98-5]
- [Norton's 2000.0 Star Atlas and Reference Handbook](#) [0-470214-60-0]
- [Sky Atlas 2000](#) [0-521627-62-1]
- [Uranometria 2000](#) [2 vols: 0-943396-14-x]

The Solar System

- [The Compact NASA Atlas of the Solar System](#) — *Ronald Greeley* [0-521806-33-X]
- [The New Solar System](#) — *Chaikin and Beatty, Editors* [0-933346-86-7]
- [Atlas of the Solar System](#) — *Patrick Moore* [*]
- [Solar Observers Handbook](#) — *Beck/Hilbrecht/Reinch/Volker* [*]
- [The New Observe and Understand the Sun](#) — *The Astronomical League*
- [Atlas of the Moon](#) — *Antonin Rukl* [0-913135-17-8]

Astrophotography / CCD Imaging

- [Star Gazing With Telescope and Camera](#) — *George Keene* [*]
- [Handbook For Star Trackers](#) — *Jim Ballard* [0-933346-47-6]
- [Astrophotography for the Amateur](#) — *Michael Covington* [0-521627-40-0]
- [Astrophotography: An Introduction](#) — *H. J. P. Arnold* [0-933346-73-5]
- [The New CCD Astronomy](#) — *Ron Wodaski* [0-9711237-0-5]
- [The Handbook of Astronomical Image Processing](#) — *Richard Berry & James Burnell* [0-943396-67-0]

Biography and Historical

- [A Man on the Moon](#) — *Andrew Chaikin* [0-140272-01-1]
- [Edwin Hubble: Mariner of the Nebulae](#) — *Gale Christianson* [0-226105-21-0]
- [The Perfect Machine: Building the Palomar Telescope](#) — *Ronald Florence* [0-060926-70-8] [*]
- [A Picture History of Astronomy](#) — *Patrick Moore* [0-356086-07-0] [*]
- [First Light](#) — *Richard Preston* [0-679449-69-8]

Cosmology and Relativity

- [A Journey Into Gravity and Spacetime](#) — *John Wheeler* [0-716750-16-3]
- [The Red Limit](#) — *Timothy Ferris* [0-6888018-36-x]
- [Coming of Age in the Milky Way](#) — *Timothy Ferris* [0-060535-95-4]
- [Lonely Hearts of the Cosmos](#) — *Dennis Overbye* [0-060922-71-0] [*]
- [A Brief History of Time](#) — *Stephen Hawking* [0-553380-16-8]
- [The First Three Minutes](#) — *Steven Weinberg* [0-465024-37-8]

Textbooks

- Exploration of the Universe — *George Abell* [0-030526-08-6]
- Spherical Astronomy — *W. M. Smart* [0-521291-80-1]
- Astrophysics I: Stars — *Bowers/Deeming* [0-867200-18-9]
- Gravitation — *Misner/Thorne/Wheeler* [0-716703-44-0]
- Principles of Physical Cosmology — *P. J. E. Peebles* [0-691019-33-9]
- Theory of Relativity — *Wolfgang Pauli* [

Inspiration

- Seeing in the Dark — *Timothy Ferris* [0-684865-80-7]