



## Selected Readings

See the author's books at [www.solarcorona.com](http://www.solarcorona.com).

### Books About the Sun in General

Brody, Judit. *The Enigma of Sunspots: A story of discovery and scientific revolution*. Edinburgh: Floris Books, 2002.

Carlowicz, Michael J., and Ramon E. Lopez. *Storms from the Sun: The Emerging Science of Space Weather*. Washington, D.C.: Joseph Henry Press, 2002.

Golub, Leon, and Jay M. Pasachoff. *Nearest Star: The Exciting Science of Our Sun*. Cambridge: Harvard University Press, 2001, 2002. A non-technical, illustrated, trade book. [www.williams.edu/astronomy/neareststar](http://www.williams.edu/astronomy/neareststar).

———. *The Solar Corona*. New York and Cambridge, U.K.: Cambridge University Press, 1997. An advanced textbook. [www.williams.edu/astronomy/corona](http://www.williams.edu/astronomy/corona).

Lang, Kenneth R. *The Cambridge Encyclopedia of the Sun*. Cambridge: Cambridge University Press, 2001.

Odenwald, Sten F. *The 23rd Cycle: Learning to Live with a Stormy Star*. New York: Columbia University Press, 2001.

Stix, Michael. *The Sun*. New York, Heidelberg, and Berlin: Springer, 1989.

Zirker, Jack. *Journey from the Center of the Sun*. Princeton: Princeton University Press, 2001.

———. *Sunquakes: Probing the Interior of the Sun*. Baltimore: The Johns Hopkins University Press, 2003.

## Author's Textbooks

Pasachoff, Jay M. *Astronomy: From the Earth to the Universe*. 6th ed. Belmont, Calif.: Brooks/Cole Publishing, 2002. [info.brookscole.com/pasachoff](http://info.brookscole.com/pasachoff), [www.solarcorona.net](http://www.solarcorona.net).

Pasachoff, Jay M., and Alex Filippenko. *The Cosmos: Astronomy in the New Millennium*. 2nd ed. Belmont, Calif.: Brooks/Cole Publishing, 2004. [info.brookscole.com/pasachoff](http://info.brookscole.com/pasachoff).

## Books on Eclipses

Brunier, Serge, and Jean-Pierre Luminet. *Glorious Eclipses: Their Past, Present and Future*. Cambridge, U.K., and New York: Cambridge University Press, 2000.

Espenak, Fred. *Fifty Year Canon of Solar Eclipses, 1986–2035*. Greenbelt, Md.: NASA Reference Publication 1178, 1987.

Guillermier, Pierrre, and Serge Koutchmy. *Total Eclipses: Science, Observations, Myths and Legends*. Chichester, U.K., and New York: Springer-Praxis, 1999.

Harrington, Philip S. *Eclipse! The What, Where, When, Why & How Guide to Watching Solar and Lunar Eclipses*. New York: Wiley, 1997.

Littmann, Mark, Ken Willcox, and Fred Espenak. *Totality: Eclipses of the Sun*. 2nd ed. New York and Oxford, U.K., and New York: Oxford University Press, 1999.

Maunder, Michael, and Patrick Moore. *The Sun in Eclipse*. New York, Heidelberg, and Berlin: Springer, 1998.

Ottewell, Guy. *The Under-Standing of Eclipses*. Greenville, S.C.: Astronomical Workshop, 1991.

Pasachoff, Jay M., and Michael A. Covington. *The Cambridge Eclipse Photography Guide*. New York and Cambridge, U.K.: Cambridge University Press, 1993.

Steel, Duncan. *Eclipse*. Washington, D.C.: John Henry Press, 2001.

Zirker, Jack B. *Total Eclipses of the Sun*. Princeton: Princeton University Press, 1995.

## Traditional Solar Readings

Menzel, Donald H. *Our Sun*. 2nd ed. Cambridge: Harvard University Press, 1959.

Noyes, Robert W. *The Sun: Our Star*. Cambridge: Harvard University Press, 1982.

## Observing Reference Books

Espenak, Fred, and Jay Anderson. *NASA Technical Publications*. A series of *NASA Technical Publications*, one for each eclipse or group of eclipses. See <http://sunearth.gsfc.nasa.gov/eclipse/SEpubs/bulletin.html>

*Observer's Handbook* (yearly). Royal Astronomical Society of Canada, 136 Dupont Street, Toronto, Ontario M5R 1V2 Canada.

Pasachoff, Jay M. *A Field Guide to the Stars and Planets*. 4th ed. Boston: Houghton Mifflin Co., 2000. All kinds of observing information, including monthly maps and the 2000.0 sky atlas by Wil Tirion, and Graphic Timetables to locate planets and special objects like clusters and galaxies. See [www.williams.edu/astronomy/fieldguide](http://www.williams.edu/astronomy/fieldguide).

———. *Peterson's First Guide to Astronomy*. Boston: Houghton Mifflin Co., 1997. A brief, beautifully illustrated introduction to observing the sky. Tirion monthly maps.

———. *Peterson's First Guide to the Solar System*. Boston: Houghton Mifflin Co., 1997. Color illustrations and simple descriptions mark this elementary introduction. Tirion maps of Mars, Jupiter, and Saturn's positions through 2010.

## Monthly Non-Technical Magazines in Astronomy

*Sky & Telescope*, 49 Bay State Road, Cambridge, MA 02138, 1-800-253-0245,  
[www.skyandtelescope.com](http://www.skyandtelescope.com).

*Astronomy*, 21027 Crossroads Circle, P.O. Box 1612, Waukesha, WI 53187,  
1-800-533-6644, [astronomy.com](http://astronomy.com).

*Mercury*, Astronomical Society of the Pacific, 390 Ashton Ave., San Francisco, CA  
94112, 415-337-1100, [www.astrosociety.org](http://www.astrosociety.org).

*StarDate*, 2609 University, Rm. 3.118, University of Texas, Austin, TX 78712,  
1-800-STARDATE, [stardate.utexas.edu](http://stardate.utexas.edu).

*The Griffith Observer*, 2800 East Observatory Road, Los Angeles, CA 90027,  
[www.griffithobs.org](http://www.griffithobs.org).

## Careers in Astronomy

American Astronomical Society Education Office, 2000 Florida Ave., NW, Suite 400,  
Washington, D.C. 20009, fax: 202-234-2560; [aased@aas.org](mailto:aased@aas.org); [www.aas.org/education](http://www.aas.org/education).  
A free booklet, *Careers in Astronomy*, is available online.

## Movie and Video

*SolarMax*, made as an IMAX movie, is available on DVD and VHS videotape. This  
40-minute movie shows solar images from the ground and from space and is available  
at many science-museum bookstores and over the Internet: [www.solarmovie.com](http://www.solarmovie.com).