Appendix B

Solar Observatories

Latest Solar Images

Big Bear Solar Observatory
www.bbso.njit.edu/cgi-bin/LatestImages
Big Bear Solar Observatory Active-Region Monitor
www.bbso.njit.edu/arm/latest/

Solar and Heliospheric Observatory (SOHO)
sohowww.nascom.nasa.gov/data/realtime-images.html

Global High-Resolution H-Alpha Network
www.bbso.njit.edu/Research/Halpha

GOES Solar X-Ray Imager
www.ngdc.noaa.gov/stp/stp.html
www.sec.noaa.gov/sxi

San Fernando Solar Observatory
www.csun.edu/sfo

Rome Observatory
www.mporzio.astro.it/solare
Lockheed Master List of Solar Websites
www.lmsal.com/solarsites.html

Eclipses

Working Group on Solar Eclipses of the International Astronomical Union
www.solarcorona.org
www.williams.edu/astronomy/eclipses

Program Group on Public Education at the Times of Eclipses (of the Commission on Education and Development of the International Astronomical Union)
www.solareclipses.info

Espenak/NASA/Goddard Eclipse Home Page
sunearth.gsfc.nasa.gov/eclipse

Espenak Atlas of Solar Eclipse Paths
sunearth.gsfc.nasa.gov/eclipse/SEatlas/SEatlas.html

Eclipse Maps 2000–2030
www.skylook.net/eclipses/futuro/ms0030.htm

Space Satellites

Solar and Heliospheric Observatory
sohowww.nascom.nasa.gov/

SOHO gallery
sohowww.nascom.nasa.gov/gallery

SOHO: The Sun as Art
sohowww.nascom.nasa.gov/hotshots/2002_08_29/Artsun02lo.pdf

Transition Region and Coronal Explorer
vestige.lmsal.com/TRACE/

Ulysses Probe Homepage
ulysses.jpl.nasa.gov/

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Ramaty High Energy Solar Spectroscopic Imager (RHESSI)
hesperia.gsfc.nasa.gov/hessi/outreach.htm
hessi.ssl.berkeley.edu

Imager for Magnetopause-to-Aurora Global Exploration (IMAGE)
image.gsfc.nasa.gov

Thermosphere-Ionosphere-Mesosphere-Energetics and Dynamics (TIMED)
www.timed.jhuapl.edu

GOES Solar X-ray Imager
www.ngdc.noaa.gov/stp/stp.html
www.sec.noaa.gov/sxi
science.msfc.nasa.gov/ssl/pad/solar/sxi.htm

NASA Missions, with links
spacescience.nasa.gov

NASA’s Living with a Star Program
lws.gsfc.nasa.gov

Soviet-Ukranian CORONAS spacecraft
coronas.izmiran.rssi.ru/news

Future Solar Satellites and Programs

Solar-B
wwwssl.msfc.nasa.gov/ssl/pad/solar

Solar Dynamics Observatory
sdo.gsfc.nasa.gov

Solar Probe
www.jpl.nasa.gov/ice_fire/sprobe.htm

Solar Orbiter
spdext.estec.esa.nl/content/doc/42/24386_.htm
Solar TERrestrial RELations Observatory (STEREO)
stero.jhuapl.edu

Synoptic Optical Long-term Investigations of the Sun (SOLIS)
solis.nso.edu

Past Spacecraft

Yohkoh Public Outreach Project (includes photos and movies)
www.lmsal.com/YPOP/

Solar Maximum Mission
www.hao.ucar.edu/public/research/svosa/smm/smmcp_cme.html

Solar Observatories

Big Bear Solar Observatory
www.bbso.njit.edu/

Swedish Solar Observatory, La Palma
www.solarphysics.kva.se

National Solar Observatory
www.nso.edu
www.noao.edu/image_gallery/solar.html

Global Oscillation Network Group (GONG)
gong.nso.edu

Stanford SOLAR Center
solar-center.stanford.edu

High Altitude Observatory
www.hao.ucar.edu/public/education/education.html

Mauna Loa Solar Observatory
mlso.hao.ucar.edu/

Advanced Technology Solar Telescope
atsu.nso.edu
Solar Web Information

Author's Eclipse Expeditions
www.williams.edu/astronomy/eclipse

SEDS (Students for the Exploration and Development of Space) Home Page
www.seds.org/nineplanets/nineplanets/sol.html

From Stargazers to Starships
www.phy6.org/stargaze

Exploratorium
www.exploratorium.edu/observatory

Multimedia Tour
www.astro.uva.nl/demo/od95

Eric Weisstein's World of Astronomy
scienceworld.wolfram.com/astronomy/Sun.html

Sun-Earth Connection Forum
sunearth.gsfc.nasa.gov

Sunspot Numbers

Sunspot Numbers Online
sidc.oma.be

Sunspots and Butterfly Diagram
wwwssl.msfc.nasa.gov/ssl/pad/solar/sunspots.htm

Solar Constant

World Radiation Center/Physical Meteorological Observatory Davos
www.pmodwrc.ch, under Projects
Space Weather

spaceweather.com

NOAA Space Environment Center
sec.noaa.gov

Lockheed Master List of Solar Websites
www.lmsal.com/solarsites.html

NOAA Data and Links
www.sel.noaa.gov/solcoord/solcoord.html

Magnetosphere
www.spof.gsfc.nasa.gov/Education/Intro.html

Auroras
www.gi.alaska.edu

University Corporation for Atmospheric Research
www.windows.ucar.edu/spaceweather/basic_facts.html