

# The Fort Wayne Astronomical Society Library

June 8, 2009

## Observing Guides

A Field Guide To The Stars And Planets by Donald H. Menzel & Jay M. Pasachoff  
An Atlas Of The Messier Objects by Jeff Nix & Tom O'Keef  
Astronomy With A Small Telescope by James Muirden  
Astronomy With Binoculars by James Muirden  
Atlas Of Deep Sky Splendors by Hans Vehrenberg  
Burnham's Celestial Handbook in 3 volumes by Robert Burnham Jr.  
Constellations, National Audubon Society Pocket Guide  
Exploring The Moon Through Binoculars And Small Telescopes by Ernest H. Cherrington Jr.  
Guide To Observing The Moon by British Astronomical Association  
Handbook For Photographic Meteor Observations by Jürgen Rendtel  
Handbook For Visual Meteor Observations by Paul Roggemans  
How To Use An Astronomical Telescope by James Muirden  
Meteor Observing Guide by Mark Davis of the North American Meteor Network  
Observe The Herschel Objects, Astronomical League  
Seeing The Sky, 100 projects, activities & explorations in Astronomy by Fred Schaaf  
Sky Facts With Myths And Legends Of The Sky by Mary Esther Cary Sharp  
Skyguide, A field guide to the heavens, A Golden Field Guide  
Stars, A Golden Nature Guide  
Telrad Finder Charts Of Bright Telescopic Objects by Brent Watson  
Telrad Finder Charts Of Overlooked Objects by Brent Watson  
Telrad Finder Charts Of The Messier Objects in 2 volumes by Brent Watson  
The Beginner's Observing Guide by Leo Enright, Royal Astronomical Society of Canada  
The Moon Observer's Handbook by Fred W. Price  
The Night Sky, A guide to the stars by Ian Ridpath  
The Practical Astronomer by Brian Jones  
The Star Guide by Steven L. Beyer  
The Stargazer's Bible by W. S. Kals  
The Stars, A new way to see them by H. A. Ray  
The Study of Variable Stars Using Small Telescopes by John R. Percy  
The Summer Stargazer, Astronomy for absolute beginners by Robert Claiborne  
The Universe From Your Backyard by David J. Eicher, Astronomy Magazine  
Touring The Universe Through Binoculars by Philip S. Harrington  
Webb Society Deep-Sky Observers Handbooks; Volume 2-Planetary & Gaseous Nebula, 3-Open & Globular Clusters, 4-Galaxies, 5-Clusters of Galaxies, 6-Anonymous Galaxies, 7-The Southern Sky.

## Cosmology/Stellar Physics

A Brief History Of Time by Stephen W. Hawking  
A Brief History Of Time, A reader's companion by Stephen W. Hawking  
Advaita Vendanta and Modern Science by John L. Dobson  
Black Holes, Quasars, And The Universe by Harry L. Shipman  
Black Holes: The End Of The Universe? by John Taylor  
High Energy Astronomy by P. J. Willcox  
Principles of Physical Cosmology by P. J. E. Peebles  
The Collapsing Universe by Isaac Asimov  
The Moment Of Creation by James S. Trefil  
The New Cosmology by Harold W. G. Allen  
The Red Limit, The search for the edge of the universe by Timothy Ferris

## Science Fiction

Contact, A Novel by Carl Sagen  
Earth In Upheaval by Immanuel Velikovsky

Flying Saucer Digest 1975? by United Aerial Phenomena Agency  
Flying Saucers: Hoax Or Reality? by L. Jerome Stanton  
From Outer Space by Howard Menger (who says he's been to the moon!)  
Jesus Christ's Meteorite Prophecy by Matthew, Mark, Luke, & John  
Saucer Album-Two 1970? by UFO Magazine Publications  
Stange World by Frank Edwards  
The Truth About Flying Saucers by Aimé Michel

## Astronomy Reference

A Concise Dictionary Of Astronomy by Jacqueline Mitton  
A History Of Astronomy From Thales To Kepler by J.L.E. Dreyer  
A Tactile Guide To The Solar System by Cassandra Runyon and Dr. David Hurd  
A Traveler's Guide to MARS by William K. Hartmann  
Amateur Astronomers Handbook by J.B. Sidgwick  
Asteroid Name Encyclopedia by Jacob Schwartz  
Astronomy & Telescopes, A beginner's handbook by Robert J. Traister & Susan E. Harris  
Astronomy by Lawrence Frederick & Robert H. Baker  
Astronomy from A to Z, A dictionary of celestial objects and ideas by Charles Schweighauser  
Astronomy Made Simple by Meir H. Degani  
Astronomy Magazine Index by Jack Hobart  
Astronomy: Activities And Experiments by Linda Kelsey, Darrel Hoff, John Neff 1974, 1983  
Astrophotography Basics No. P-150, Kodak  
Astrophotography, A step-by-step approach by Robert T. Little  
AstroSoftware Guide, Astronomy magazine May 1994  
Catalog Of The Universe by Paul Murdin  
Cosmos by Carl Sagan  
Discovering Astronomy by Jacqueline & Simon Mitton  
Discovering the Universe by Neil F. Comins, William J. Kaufmann III, 2008 college astronomy textbook  
Exploring The Southern Sky by Svend Laustsen, Claus Madsen, Richard M. West  
First Light, The search for the edge of the universe by Richard Preston  
Galaxies by Timothy Ferris  
How To Buy Your First Telescope from Astronomy Magazine  
Hubble 2005, Science Year in Review, NASA  
International Encyclopedia of Astronomy by Patrick Moore  
Larousse Encyclopedia of Astronomy by Lucien Rudaux and G. De Vaucouleurs  
Life On Other Worlds by Frank Edwards  
Mercury, The Elusive Planet by Robert G. Strom  
Meteor Showers, A Descriptive Catalog by Gary W. Kronk  
New Concise Atlas Of The Universe by Patrick Moore  
Observational Astronomy For Amateurs by J.B. Sidgwick  
Observational Astronomy Handbook by Joseph Lawrence  
Primer Of Celestial Navigation by John Favill  
Principles Of Astronomy, A short version by Stanley Wyatt & James Kaler  
Proceedings of the Astronomical League Convention 1994, 1995  
Proceedings of the Great Lakes Planetarium Association Convention 1994  
Science Program set, Planets, Space Flight Communications, Satellites, Earth  
Scientific Imaging Products No. L-10, Kodak  
Secrets Of The Night Sky by Bob Berman  
Seeing In The Dark by Timothy Ferris  
Space Places by Roger Ressmeyer  
Star Hunters, The quest to discover the secrets of the universe by Dennis Mammana  
Star Names, Their lore and meaning by Richard Hinckley Allen  
Supernova 1987A, Astronomy's explosive enigma by Russell Genet, Donald Hayes, Douglas Hall, and David Genet  
Telescope Buyer's Guide 1994, Astronomy Magazine  
The Amateur Astronomers Handbook by James Muirden

The Astronomer's Universe, Stars, Galaxies, And Cosmos by Herbert Friedman  
The Astronomers by Donald Goldsmith  
The Astronomical Companion by Guy Ottewell  
The Backyard Astronomer's Guide by Terence Dickinson & Alan Dyer  
The Cosmic Perspective, an astronomy textbook  
The Earth, LIFE Nature Library, by Arthur Beiser  
The Facts On File Dictionary Of Astronomy by Valerie Illingworth  
The Guide To Amateur Astronomy by Jack Newton & Philip Teece  
The Illustrated Encyclopedia Of Astronomy And Space Science by Ian Ridpath  
The Light-Hearted Astronomer by Ken Fulton  
The Nature of Light & Color In the Open Air by M. Minnaert  
The Planetarium & Atmospherium, An indoor universe by O. Richard Norton  
The Stars Belong To Everyone by Helen Sawyer Hogg  
The Story Of The Starry Universe by David Todd  
The Universe At Your Fingertips, An astronomy activity and resource notebook  
The Universe Next Door by Terry Holt  
Through The Telescope, A guide for the amateur astronomer by Michael R. Porcellino  
Time, LIFE Science Library, by Samuel A. Goudsmit, Robert Claiborne  
Touch The Stars (Braille) by Noreen Grice  
Unusual Telescopes by Peter L. Manly  
Universe, a college textbook by Roger A. Freedman, William J. Kaufmann III

## Telescope Making

All About Telescopes by Sam Brown, 8th Edition 1989  
Build Your Own Telescope by Richard Berry  
Making Your Own Telescope by Allyn Thompson  
Mounting Your Telescope by Sam Brown  
Photography With Your Telescope by Sam Brown  
Practical Methods For Amateur Telescope Makers by F.L. Frazine  
Radio Astronomy Projects by William Lonc  
Telescope Making magazine, issues 31-37, 41-45 approx. 1987-1991  
The Amateur Radio Astronomer's Handbook by John Potter Sheilds

## Space Exploration/Satellites

An Extreme Ultraviolet Spectroheliometer, Harvard College Observatory  
Apollo-Soyuz Pamphlet 1, The Flight, NASA  
Apollo-Soyuz Pamphlet 2, X-Rays, Gamma-Rays, NASA  
Apollo-Soyuz Pamphlet 5, The Earth From Orbit, NASA  
Apollo-Soyuz Pamphlet 6, Cosmic Ray Dosage, NASA  
Apollo-Soyuz Pamphlet 7, Biology In Zero-G, NASA  
Apollo-Soyuz Pamphlet 8, Zero-G Technology, NASA  
Apollo-Soyuz Pamphlet 9, General Science, NASA  
Chariots For Apollo by Charles R. Pellegrino and Joshua Stoff  
Liftoff, The story of America's adventure in space by Michael Collins  
Lost Moon by Jim Lovell & Jeffrey Kluger  
Man In Space by Marvin L. Stone  
Men From Earth by Buzz Aldrin & Malcolm McConnell  
Skylab, Outpost on the frontier of space, National Geographic  
Solar System Log (artificial satellites) by Andrew Wilson  
Space Sciences And Satellite Tracking, Smithsonian Astrophysical Observatory  
Space Shuttle Mission STS-61, NASA  
Space [Exploration and Computers], A Time-Life Book  
Spinoff 1978, NASA  
Why Space? And how it serves you in your daily life by Martin Caidin

## Periodicals

Air & Space, Feb Apr Sep 94, Smithsonian Institution  
Astronomical Calendar 1987, 1991 by Guy Ottewell  
AstroSearch, issues 1-4, 1983  
Cosmic Search, issues 1-13, 1979-1982  
Journal Of The International Meteor Organization Feb. 93-Feb. 94  
Mercury Fall 07  
Moon Observer's Planner 1994 by Phillip S. Kane  
NOAO/NSO Mar 08  
Observatory Techniques, #11 Fall, #12 Winter 94, #13 Spring, #14 Summer 95  
Physics Today, Dec 07, Jun 08, Jul 08  
Planetary And Space Science, Volume 18, issue 2, Feb 1970  
Reflector, May Aug 82, Nov 93, Feb May Aug Nov 94, Feb May Aug Nov 95, Aug Nov 96, Astronomical League  
Sky Watcher (Japanese), issues 1-3, 1987  
Techbits, issues #3 1989, #1 & #3 1990, #1 1991, Kodak  
The Observer's Handbook 1983, 1986, 1988, 1992, 1993, 1994, 1995 by Roy L. Bishop  
The Practical Observer, Vol 7, issues 1-4 1996, Vol 8, issue 1 1997  
The Strolling Astronomer, Apr Jul Oct 89, Feb 90, Jun Dec 91, Mar Jul 92, Feb Jul Oct 93, Feb Apr Oct 94, Mar Jul 95, Jan Jun Oct 96, Association of Lunar and Planetary Observers  
Through The Telescope, Nov 94, Jan Mar May Jul Sep 95, Mar May Jun Sep 96, A.L.P.O.  
Yearbook Of Astronomy 1971 by Patrick Moore  
Yearbook Of Astronomy 1973 by Patrick Moore

## Star Charts

Astro Cards on The Messier Objects, Double Stars, and The Finest NGC Objects  
Celestron Sky Maps, Hubbard Scientific Co.  
Edmund Scientific Mag 6 Star Atlas by Terence Dickinson  
Norton's Star Atlas And Telescope Handbook by Arthur P. Norton & J. Gail Inglis  
Philip's Color Star Atlas by John Cox & Richard Monkhouse

## Solar System

A Planet Called Earth by George Gamow  
A Star Called The Sun by George Gamow  
Comet by Carl Sagan and Ann Druyan  
Eclipse by Bryan Brewer  
Mars, An interesting neighbor by The Fort Wayne Astronomical Society  
Meteorites, Messengers from Space by F. Heide and F. Wlotzka  
Planet Earth by Jonathan Weiner  
Solar Physics And Terrestrial Effects, Space Environment Laboratory and NOAA  
Space Images  
The Birth Of The Moon by Lewis A. Manson  
The Comet Handbook by Garry Stasiuk & Dwight Gruber  
The Comet Kohoutek by Joseph F. Goodavage  
The N.Y. Times Guide To The Return Of Halley's Comet by Flaste, Noble, Sullivan, Wilford  
The Solar System by Barrie William Jones  
The Sun, a Portable Universe book for children from Abrams Planetarium  
The Understanding Of Eclipses by Guy Ottewell

## Video Tapes

Title	Subject	Source	Minutes
Earth Calling Basingstoke	British amateur astronomers	Learning Channel	50
Amazing Space, 8 episodes	General astronomy	Learning Channel	30
Science Frontiers	Spacesuits	Learning Channel	50
Eclipse '94, Video Scrapbook	1994 Annular eclipse	FWAS	50
Eclipse Reflections	1994 Annular eclipse	FWAS	28

Link Observatory Field Trip		FWAS	23
The Astronomers	Searching for Black Holes	PBS	60
The Astronomers	A Window to Creation	PBS	60
The Astronomers	Prospecting for Planets	PBS	60
Stargazers: 100 yrs. of seeing	Lowell Observatory	Discovery Channel	50
What If Earth Had No Moon	Theories on Moon formation	Discovery Channel	60
Savage Sun	Solar Astronomy	Discovery Channel	60
Venus Unveiled	History of Venus exploration	PBS	60
The Space Shuttle	Refurbishing for launch	Discovery Channel	110
Equinox	Science of 'chaos'	Discovery Channel	50
Rescue Mission In Space	Hubble telescope repair	Nova	55
Eclipse Of The Century	1991 Total solar eclipse	Nova	55
Machine That Changed The World	Artificial intelligence	PBS	55
1988 Stellafane	Telescope makers convention		120
NIAGfest '88	Regional astronomy convention	FWAS/Paul Baker	4 hrs
Space Flight	Space exploration	NASA	99
Modern Marvels	History of selected observatories	History Channel	60
What, Cosmology Without the Big Bang?	Cosmology lecture by John Dobson	St. Francis Univ.	2h15m
Last Solar Eclipse of the Millennium	August 11, 1999 Total Eclipse	Discovery Channel	55
Looking Beyond	History of Adler Planetarium	Adler Planetarium	40
Looking Beyond	Reinventing Adler Planetarium	Adler Planetarium	15
Asteroids: Deadly Impact	Asteroids	Nat'l Geographic	60
Solar Blast	A dramatic look at the sun	PBS Home Video	60
Savage Sun		Discovery Channel	52
Aurora	Rivers of light in the sky	SkyRiver Films	40
Unfolding Universe		Discovery Channel	52
Fireballs From Space		Discovery Channel	52
Runaway Universe	Beyond the Big Bang	WGBH Boston, Nova	60
Comets & Asteroids			50
The Creation of the Universe		PBS Home Video	92
Observatories, Stonehenge to the Hubble Telescope		Modern Marvels	50
How to use the NGC MAX	JMI Digital setting circles	JMI	
Asteroids		History Channel	50
Stargazers		Discovery Channel	50
The Domsday Asteroid		WGBH Boston, Nova	60
Stephen Hawking's Universe	Vol. 1 The Big Bang	PBS Home Video	60
	Vol. 2 On The Dark Side	PBS Home Video	60
	Vol. 3 Black Holes and Beyond	PBS Home Video	60

## DVDs

Title	Subject		
Atlas of the Sky	General astronomy lectures		
Comet Hunters/Asteroid Seekers			
Countdown to the Cosmos	Shuttle & rocket launches		
Danger: Solar Storm	Solar phenomenon & Auroras		
HubbleSOURCE Video Collection	Hubble's 15th Anniversary		
If We Had No Moon		Discovery Channel	
Planet Storm		Discovery Channel	
Searching for Superstars			
Wheels on Mars	Mars Exploration Rovers		
Monster of the Milky Way	Black Holes	NOVA	56
Death of a Star	Supernova 1987A	NOVA	56
Universe 2001	Planets & Life	TLC	
Universe 2001	Stars & Creation	TLC	
Comet Collision!		Discovery Channel	50

Voyage to the Planets & Beyond		Discovery Channel	50
95 Worlds & Counting		Discovery Channel	50
Day Earth Nearly Died		Discovery Channel	
Magnetic Storm	Earth's Invisible Shield	WGBH Boston, Nova	
Origins: Fourteen Billion Years of Cosmic Evolution, 4 episodes		WGBH Boston, Nova	
	1 Earth is born		60
	2 How Life Began		60
	3 Where are the aliens?		60
	4 Back to the beginning		60
The Privileged Planet			60
Mysteries of the Cosmos: A Look Into the Dawn of Creation, 5 disks			6 hrs
	1 In the Beginning, Where no man has gone before		
	2 Neighbors, Long Journeys		
	3 Explorers, Hubble and Beyond		
	4 Bonus Features		
	5 Galactic Voyage (audio CD)		
Jack Horkheimer: Star Gazer	4 episodes	PBS	5
	1/21/08 2 Brightest planets meet		
	1/28/08 Using Orion to find animal constellations		
	2/4/08 Moon, Mars and the Valentine star		
	2/11/08 Lunar Eclipse		
The Creation of the Universe		PBS Home Video	92
Hyperspace	Big Bang, Black Holes, ET, etc.	BBC Video	180
Mega Disasters: Asteroid Apocalypse		History Channel	50
Mega Disasters: Comet Catastrophe		History Channel	50
Understanding the Universe		TLC	50
All About Telescopes & Binoculars	From the Minneapolis Planetarium		54
Eyes On The Skies	400 year history of the telescope		60
Solar Max	Solar physics	IMAX	120
<b>Astronomy Software</b>			
	Celestial Basic by Eric Burgess		
	Practical Astronomy With Your Calculator by Peter Duffett-Smith		
<b>CD-ROM</b>			
Title	Subject		
Observatory 25th Anniversary	Slideshow produced in 1988 showing the history of the FWAS observatory since construction began in 1961. Mac & PC viewers included.		
The Sky	PC planetarium software, Level 4, version 4		
Life In The Universe	Interactive multimedia adventure by Stephen Hawking		
<b>Audio CD</b>			
Title	Subject		
A Traveler's Guide to MARS	Music inspired by the book of the same name.		