

INDEX TO AAVSO ABSTRACTS
Fall 1951 To Fall 1964
Compiled by Kenneth Weitzenhoffer

- Abell, George, S63 Extra Galactic Distance
Abt, Helmut A., F53 Radial Velocities in Three RV Tauri Stars
Adams, Douglass Franklin, F62 Dark Adaption
Adams, Robert M., S55 Some Comments on Variable Star Observations
 S59 Graphic Study of V Sagittae
 F61 V Sagittae
 S63 Telescopic Meteors
 S64 New Data on V Sagittae - The Variable Gremlin
Alford, Laura T.C., F63 A Short Period Variable Star in Sagittarius
Anderer, Joseph A., S59 Astronomical Postage Stamps
Anderson, Curtis, F61 AAVSO Observing Totals for 50 Years
 F64 Record AAVSO Observing Totals
Anderson, Jean, S58 Nova Sagittarii 1932
Arp, Halton C., S63 Star Clusters and Photoelectric Photometry
Ashbrook, Joseph, F60 RZ Cassiopeiae
Austin, Doris, F63 A New Variable Star in the Globular Cluster M22
Baird, Kenneth, S58 Astronomy on Postage Stamps
Baldwin, Marvin E., S64 WW Aurigae Minima
 F64 Delta Librae
Baldwin, Meredith, F60 Evolution in Classification
Bappu, Vainu, July 63 Narrow Band Photometry
Barreto, Luiz Muniz, S58 Moon Occultations
Bartlett, James C., Jr., F51 Solar Granulations
 S52 Statistical Methodology in Relation to the Granulation Project
 S56 The Annular Group, A Solar Oddity
 S58 Solar Tetragons
Bateson, Frank M., F57 Variable Star Observing in New Zealand
Bondy, Harry L., F52 The Case for Sunspot Numbers
 F53 Birth and Death of an Idealized Sunspot
 S54 What Will the Sun Look Like on June 30, 1954
 F54 A Simple "Prominence Telescope"
 F54 Solar Activity in the First Half of 1954
 S55 The IGY and the Amateur
 F55 Solar Flares
 S56 Present Phase of Solar Activity
 F57 The Danjon Cat's Eye Photometer
 S58 Unusual Aspects of the Current Solar Cycle
 F58 Recording Sudden Enhancements of Atmospheric
 F59 The Work of The Solar Division
 F59 Some Remarks About the AAVSO Solar Division
 S60 White Flares
 F61 Seventeen Years of the Solar Division
 S62 Color in Sunspots
Boothroyd, S.L., S52 Aurorae
Bornhurst, Larry, S63 A Visual Photometer
Boss, Lewis J., S57 Electronics and the AAVSO
 S61 A Source of Standard Time Signals
 F61 Through the Years with the AAVSO (Motion Picture)
 F62 Photo-Electronics and the AAVSO Photometer
Brower, Stanley W., F51 New Solar Filter for Visual Observation of Sunspots
Buckstaff, Ralph N., F51 Light Fluctuations of Z1256 (Continued)

- Buckstaff(cont), F51 Deformations on the Sun's Limb
F55 Stonyhurst Sun Discs and Their Use
F56 Sunspot Regions on Sun, This Cycle
F57 Sunspot Positions
F58 Sunspots on the Same Meridian
S60 A Solar Flare
- Burt, Stephen E., S62 Some Observations of the Orion Nebula Variables
S62 A Modified Danjon Cat's-Eye Photometer
- Carlisle, James Henry, III, F57 Electronic Computers and Astronomy
F60 Conjunction of Vega and Echo
F62 AAVSO at Goddard Space Flight Center
- Carpenter, Claude B., S53 Rise and Fall of an 18-Inch Telescope
F61 Australian Observatories
S63 The AAVSO (Motion Picture)
S63 XX Tauri
- Carpenter, Martha Stahr, F55 Some Glimpses of Astronomical Activities in Australia
Carrington, A., S61 Goth Hill
- Cave, Tom, Jr., S63 Telescope Considerations for Variable Star Work
- Chang, Yuin, S59 Explanation of Photographic Light Curves of Very Short Period
Variable Stars
- Chase, Harry B., F51 Exposure Formula for Solar Photography
- Chassapis, Constantin, F59 Fine Structure of the Solar Photosphere
- Chiabotta, Ronald, F53 PEP Work with AE Aquarii
- Cleaver, William G., F56 Timing Lunar Occultations
S60 Random Comments
- Cox, Robert E., S64 Eyepiece Problems of the Amateur Observer
- Cragg, Thomas A., F52 A Sunspot Crosses the Equator
S56 Evolution of Sunspots
F58 The Regular Red Variables
F60 Identification of Nova Herculis, 1960
F61 Observations of Eight Variable Stars
S63 Sanctum Observers and the Minima of Mira Stars
S63 Notes on Four N-Stars
S63 Mt. Wilson Observatory
- Cuevas, Charles, S57 Comet Arend-Roland
- Darsenius, Gunnar O., S55 On Observing Flare Stars
F55 A Bright Meteor in High Magnification
S56 A Peculiar Aurora in 1941
S56 A New Type of Cooperation
F58 A Test of The Seeing
- Davis, Richard H., F62 The Astrolabe - The Astronomer's Slide Rule
F63 Photographic Observations of Variable Stars
- Davis, Robert, F61 Project Colescope
- De Kinder, Frank, S56 Comparative Advantages of a Domed Observatory
S56 Rejection of Solar Observations
S63 Fifteen Years as a Solar Observer
- Del Vecchio, Philip J., F58 Variations in Radio Atmospherics
- Deutsch, Armin, S63 Spectra of Long Period Variables
- Diedrich, George, S55 Who Wants to Find a Nova?
S56 Picking a Nova Field and Observing It
F56 A Nova is Coming
S57 Can We Interest You?
F58 After the IGY, What?

(Continued)

- Diedrich(cont), S59 Bode's Law Modernized
F59 1959 Report of Nova Search Division
F64 Julian Days - Forward and Backward
- Dippel, Elizabeth A., F63 Spectral Class Betrays a Variable with Close Companions
- Dunham, David, F64 Grazing Occultations
- Dunn, Robert W., S57 Do U.F.O.'S Exist?
- Eckert, Wallace, S54 Contributions of the Electronic Calculator to Astronomy
- Elias, Demetrius P., F52 Solar Activity in 1951
- Federer, Charles A., Jr., F55 English Observatories
S58 Observatory on Kitt Peak
- Feibelman, Walter A., F58 Aurora Photography and Spectroscopy
- Fernald, Cyrus F., F51 Inferior Conjunctions of Venus and the Sun
F54 Seeing Bright Stars in the Daytime
F55 Questar
S57 Comet Arend-Roland
F58 Fernwold Observatory
F60 Footsteps on the Way to 100,000 Observations
F61 On the Trail
F62 Eclipse Site Hunting
F62 The Ten-Inch Springfield
S63 Solar Transit of Unknown Object, 15 February 1963
F64 Massachusetts, Florida, and Maine
- Ford, Clinton B., F51 A Different Kind of Light Curve
S52 Using the Becvar "Skalnate Pleso Atlas" Charts for Variable Star Observing
F55 Variations in Total Visual Light Per Cycle for R Cygni and RT Cygni
S56 Top-Secret Plans for the Inner Sanctum
F56 Martian Seeing^{seen} with California Seeing
S59 Programming Monthly Estimates of Variable Stars
F59 Report on AAVSO at Denver Convention
F61 Notes from Olcott's Files
F62 Building a Sliding-Roof Observatory
S63 An Explanation of Fernald's Observation
F64 Current Data on Variations in Total Visual Light Per Cycle for R Cygni and RT Cygni
- Friedel, Margo, & Andrea R. Kundsinn, F58. Photographic Observations of RS Ophiuchi
- Gartlein, Carl W., S56 Auroral Work for the IGY
- Gaustad, John E., F56 White Dwarf Stars
- Gernant, Paul L., S56 Are Martian Canals Real?
- Giffen, Charles H., F60 The Practicability of Colored Filters for Visual Photometry
S62 Filter Photometry Program for the AAVSO
- Gill, Jocelyn, S62 Astronomy for Astronauts
- Gleissberg, W., F51 Preliminary Report on the Foreshortening Project
F51 Apparent Asymmetry in Distribution of Sunspots
S52 The Coming Sunspot Minimum
- Glenn, Florence, S60 Inside Story of a Nova
- Glenn, William H., F55 The Observing Group of the AAA of New York
S57 Observations of Mars in 1956
S60 Visual Observations of Moon's Shadow - October 1959 Eclipse
- Godfrey, Norman B., S58 The Stars are My Photometer
- Gogolak, Victor, S60 Photometric Observations of Sky Brightness, 1959 Eclipse
- Greenley, Robert M., F52 AAVSO Observations, 1911-1930
- Haines, Leland, S53 Rotation of Sunspots

- Halbach, Edward A., S53 A New Telescope Designed for Variable Star Observing
Hales, Jean, F54 Nova Sagittarii 1928, H.V.12320
Halliday, Ian, S61 Dominion Observatory
Hamilton, Richard W., S60 The Stamford (Conn.) Observatory
Hartsock, Nancy, F64 Long-Period Variables in Sagittarius
Harwood, Margaret, S54 Variable Stars in the Scutum Cloud
 F54 DF Cygni
 S56 Long Period Variables in the Scutum Cloud
 S58 The First Fifty Years of Maria Mitchell Observatory
Hepworth, Harvey, F60 Sunspots
Hoffleit, Dorrit, F51 Zwicky's Nova Aql 1951
 F53 On Errors of Mean Light Curves
 S54 Periods 100 to 150 Days
 F54 The Long Period Variables in a Field in Sagittarius
 F57 My First Summer in Nantucket
 F59 Back to Variables
 F61 New Peculiar Variable with S-Type Spectrum
 S62 V1211 Sagittarii
Hoffleit, Dorrit, & Harlan Smith, S63 The First Hypernova
Hogg, Helen Sawyer, S52 Variable Stars in Globular Clusters
 F61 Variable Stars in Clusters
Holloway, J. Leith, Jr., F51 Effect of Sunspots on Climate Change
 S54 Sunspot Number Autocorrelations
 F54 Variance Spectra of Variable Stars
 S56 Prediction of Next Sunspot Minimum
 F56 Predictions of Next Sunspot Maximum
 S57 Observing the Nearest Variable Star from the Artificial Earth
 Satellite
 S57 Further Comparisons of Predicted and Observed Sunspot Numbers
 F59 Sunspot Prediction Post Mortem
Hossfield, Casper, F60 Sudden Enhancement of Signals (SES)
Houk, Nancy, F62 A Peculiar Long Period Variable with N-Type Spectrum
Houston, Walter Scott, F61 Polar Axis Alignment with AAVSO "Path of the Pole Chart"
 F63 Psychology and SS Cygni
 F64 The Olcott 4-Inch Telescope
Hurless, Carolyn, S63 R Coronae Borealis - A "Bread Board" Variable
Hurless, Don & Carolyn, S63 Peltier's 12' Clark Refractor
Hynek, J. Allen, S64 The Fight for Photons
Johnson, Thomas J., S63 A Multiple Purpose Catadioptic Telescope
Joy, Alfred H., S63 Studies of RW Tauri
Kelly, Frank J., S56 The Skies Through a Prism
Kemper, Robert (See Kunze)
Kimball, Donald S., F51 Graphic Method for Recording an Aurora
 F51 Teaching Variable Star Estimating
 F51 Auroral Index
 F52 Geographical Extent of a Particular Aurora
 F53 Uses of Visual Observations of the Aurora
Kimball, Maxwell, F55 Theory on Pulsating Stars
Kime, Bonnie B., F64 Variability Confirmed in Five Red Stars
Knowles, Jeremy, F51 R Lyrae, a Bright Semi-Regular
 F55 Another Look at Algol
Kolman, Roger S., S64 Practical Magnitude Limitations of Amateur Telescopes
Kraft, Robert P., S63 Dwarf Novae and Other Cataclysmic Variables

- Kundsin, Andrea R., & Margo Friedel, F58 Photographic Observations of RS Ophiuchi
Kunze, Jay, S55 North to the Eclipse
Kuykendall, H. Leroy, S64 Project "Anna"
Lacchini, Giovanni Battista, F61 Autobiographical Sketch
S64 Honors
Lane, Harold H., S52 New Colgate University Observatory
Lecar, Myron, F63 Landing on the Moon
Leighton, Robert B., S63 How We Explore Space
Levine, Joel S., F61 Supernovae as Extragalactic Radio Sources
Lippincott, Sarah Lee, F52 Red Dwarf Flare Stars
Lovi, George, S56 Values and Uses of Planetariums
F56 Observations of a Star of Large Proper Motion
S57 Two Misplaced Stars
F61 Star Chart Construction
S62 Binary Star Observing
Luft, Gretchen, F61 Two Variables in Sagittarius
Luft, Herbert A., F52 No Distortions on the Sun's Limb
F56 Observation of a Mysterious Object
F58 Brightness and Magnitudes of Some Very Bright Stars
F60 Halo Phenomena, September 17, 1960
S62 Atlases
Macdonald, Duncan, F61 Let There Be Light
Majden, Edward, S56 Why Not Try Meteor Photography?
F56 Operation Perseid
Marsh, Franklin, F61 Orbiting Astronomical Observatory Satellite
Marshall, John Stewart, S57 Storm Studies by Radar
Matte, Joseph, S63 Rho Persei Versus Algol
Mayall, Margaret W., S52 Remarks on Some Variables
S53 Charts and Graphs
F53 Special Announcement
F54 Light Curves of Z Andromedae
S55 The Predicted Light Curve of R Geminorum
F55 Report on the I.A.U.
S56 Predicted and Observed Light Curves
F56 Some Interesting Light Curves
F57 Semi-Regular Variables
S58 Miscellaneous Variable Star Notes
F58 Variable Comments
S59 New Variable Star in Camelopardalis
F59 Miscellany
S60 R Cor Bor and Nova Her 1960
F60 Nova Hercules
S61 Interesting Current Light Curves
S62 R Hydrae
F62 Some Results of AAVSO Observations
S63 Some Interesting Variables
F63 Some Interesting Variables
S64 Activities of R CrB and Other Variables
F64 A New Observational Program for V Sagittae
Mayall, R. Newton, S53 The Campbell Volume
F53 The Campbell Memorial Volume
S55 Secondary Observation of a Variable
S56 What Goes On!

(Continued)

- Mayall (cont), F59 Folding Astronomy
F61 History of the AAVSO
- McKellar, Andrew, S53 Dominion Astrophysical Observatory's New Spectrograph
- McLaughlin, Dean B., S53 Vastness of Celestial Distances
- Merrill, Paul W., F53 Questions Concerning Long-Period Variable Stars
- Meyer, Don, S64 On Lunar Cartography
- Millman, Peter M., S52 Canadian Super-Schmidt Meteor Cameras
S56 Visual Meteor Observing for the IGY
S57 The IGY in the Canadian Arctic
F60 The Canadian IGY Meteor Program
S61 Spring Hill
- Moore, Walter L., S52 On Observing Sunspots
S53 Construction of an Eyepiece Interferometer
- Moreton, Gail E., F61 Solar Flares (Motion Picture)
- Morgan, Francis P., S57 Planning an Observing Program
S58 The Cepheid Variables and the Revised Distance Scale
- Morris, Charles, F60 Observations of Jupiter
- Morris, T.F., S57 Seeing Conditions in the Montreal Area
- Mumford, George S., S63 Photometry of Some Cataclysmic Variables
- Murayama, Takashi, S59 Cosmic Ray Data and Variations of W Orionis
- Nadeau, Lawrence, F63 Miracle at Grand Mere
- Nail, Virginia McKibben, F54 Variable Stars of the Bar of the Large Magellanic Cloud
- Oberstatter, A., S64 Observing Methods
- Olson, Edward C., F63 Spectral Characteristics of Selected Eclipsing Binary Stars
- Oravec, Edward G., F55 E-B 120 Leporis
S57 Variable Star Program of the Observing Group
S58 The Bright RV Tauri Variables
S60 Report of AAA Observing Group
- Osvalds, V., F61 The Motions and Absolute Magnitudes of Mira Variables
- Ott, Adam, See Kunze
- Parmenter, Ben C., F52 Solar Eyepieces for Sunspot Colors
S56 New Solar Laboratory for Northwestern Observatory
F57 IGY Prominence Patrol at Northwestern
- Pascoe, Joyce, F64 Three Variable Stars in Cluster M28
- Patterson, John, F56 Boston Museum of Science Planetarium
- Paulton, Edgar M., F59 On the Observation of Shadow Bands
F63 A New Look at Shadow Bands
- Payne-Gaposchkin, Cecilia, F61 Variable Stars and Stellar Evolution
- Pearlmutter, Arthur, F59 Visual Meteor Observing
F61 Meteor Astronomy for the Amateur
F62 Observing the Perseids with a Tape Recorder
- Raine, William, S56 Some Ideas Concerning the Expanding Universe
- Record, Frank A., S52 Radio, Radar, and Electronics and Application to Astronomy
- Reeve, Dianne, F63 Variable Star DH73 in Sagittarius
- Remage, Nancy, F64 DH Variable 405 in VSF 193
- Reynolds, Francis H., F54 Observations of AE Aquarii 1954
F58 Determining the Heights of Auroral Displays
- Rizzo, Patrick, F59 Another Star Illusion
S60 A Check List for Locating Variable Stars
F63 An Observation of Cor Caroli on May 28, 1660
F63 A Request for Aphakic Observations
- Robertson, Walter Orr, F52 Color Phenomena in Sunspots

- Robinson, Leif, Thomas Cragg, & Jack Eastman, F61 Observations and Preliminary Analysis of SN 4564
- Robinson, Leif, F61 Two New Variables in Orion
- Rosebrugh, David W., F51 Visibility of Planetary Details
- F51 Two Problems Facing the AAVSO
 - F52 Informal Report
 - F54 An Apodizing Screen
 - F55 A Color Free Solar Telescope
 - F64 The Eye of Dora
- Rosenblatt, Florence, S57 Revolution in Evolution
- Royer, Ronald E., S63 Invocation
- S63 Timing Lunar Occultations
- Ruiz, Consuelo, F60 Some of My Best Friends are Astronomers
- Ruiz, John J., F51 Gremlins in My Photometer
- S52 Model of Eclipsing Variables
 - F52 Observing with P.E.P.
 - S53 Occultation Model
 - F53 Martha, Margaret, and the Moon
 - F54 Observations by the Yard
 - F55 Palomar Has Nothing on Me
 - F57 South of the Border
 - S58 Around the World with Mlle. Dedeé Lacertae
 - S61 RZ Cassiopeiae
 - F63 Doctor Hampton's Magic Eye
- Ruley, Frances E., S58 Naked Eye Observations of Algol
- Schiffmacher, Edward R., S56 Radio Astronomy at Cornell University
- Seely, Roy A., F51 Chart Making
- F54 Televising an Eclipse
- Seitter, Waltraut, F57 The Bonn Radio Telescope
- Seldon, Philip, F57 A Mysterious Object
- F58 Magnitude Peaks of the Sputniks
- Semereau, Walter J., F58 Solar Photography
- F60 Solar Prominences
- Shapley, Alan H., F51 Revised Procedures for Reducing Sunspot Number Observations
- Shapley, Harlow, F51 The Leon Campbell Observatory
- F55 Highlights of Astronomy During the Past Year
 - F56 Galaxies and What They Do to Us
 - F56 Some Highlights of American Astronomy in 1956
 - F61 Highlights of 50 Years
- Shaw, R. William, S56 Interplanetary Travel and the New Astronomy
- Smiley, Charles H., S62 Predicting the Next Sunspot Maximum
- Smith, Harlan J., F61 Variable Stars for Photoelectric Photometry
- Smith, Harlan, & Dorrit Hoffleit, S63 The First Hypernova
- Stearns, Carl L., F55 Trigonometric Parallaxes
- Sterling, Joyce, F63 Eclipse Pictures from Athens, Maine
- Stokes, Arthur, F64 A Study of BV382
- Streeter, John, F51 AAVSO Charts on Slides
- Thomas, Morgan A., S55 An Electronic Idea
- Thompson, Malcolm M., S61 Positional Astronomy
- Travis, Neil M., F61 Stars (A Poem)
- Ullmann, Albert, F58 Astronomical Prints
- S60 Heavenly Hues
 - F61 Old Astronomical Prints

(Continued)

Ullmann(cont), F62 Stellar Spectacular
F63 Solar Eclipse Photography
Van Biesbroeck, George, S59 Omicron Ceti (Mira)
Vodra, Richard, F64 Please Observe Telescopic Meteors
Von Arx, William S., F64 GEON - A New System of Celestial Navigation
Wade, Campbell, F52 T Coronae Borealis
Wagman, N.E., S55 Flare Stars
Warren, George R., F52 Polarizing Solar Eyepiece
Warshaw, David D., S56 A Solar Flare Indicator
F58 SEA Sidelights
Weitzenhoffer, Kenneth, S57 Comet Comments
S58 Curious Light Phenomena
F59 Solar Eclipses
S60 Radio Telescope Simplified
F61 Observations of a Moon Illusion
F64 AAVSO Abstracts - The First Ten Years
Whillans, M.G., S61 Bioscience and Space Research
Williams, David, S64 A Successful Variable Star Training Program
Williamson, Isabel K., S57 Our Choice of an Observatory Site
Wright, Ralph A., F57 The Signals Are Set

References are to Spring (S) and Fall (F) issues of the AAVSO Abstracts.

The early numbers had very brief abstracts, but in later years, more complete papers were printed.