

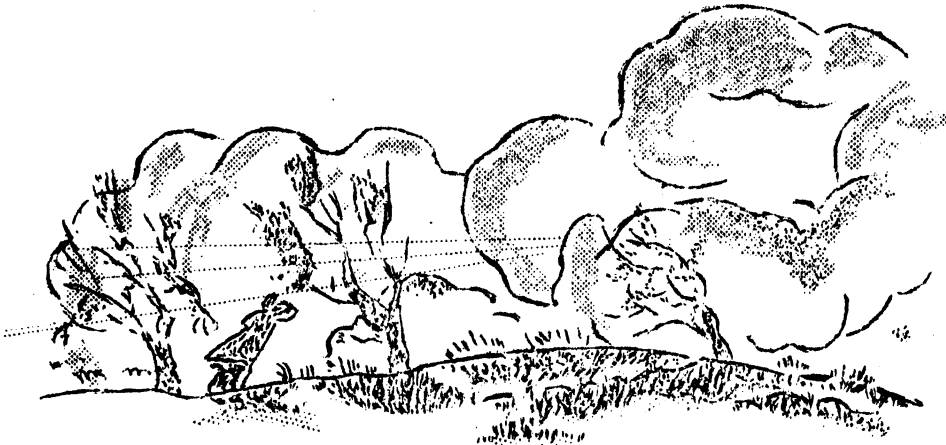
A.A.V.S.O.

SOLAR DIVISION BULLETIN.

Noal J. Heines , Editor.

March 1948.  
Number 28, Page 56.

560 Broadway.  
Paterson 4, New Jersey.



" I'm still in  
doubt concerning spring"

Selected.

GENERAL.

Nestled in the hills of New England, one of America's Nature Spots, we find at South Hadley, Massachusetts, Mount Holyoke College. It is here that in the latter part of May the A.A.V.S.O. will hold it's Spring Meeting. Here at the John Payson Williston Observatory, directed by, Dr. Alice Farnsworth, members will again commune in matters of astronomical interest and participate in one another's companionship.

The writer cannot comment farther without mentioning Dr. Anne Sewell Young who preceeded Dr. Farnsworth , for it was Dr. Young who unselfishly gave . . . of her valuable time to help a novice, your chairman, in his early sunspot work and eventually arranged contact with Dr. Wm. Brunner the former Director of the Federal Observatory at Zurich, Switzerland, the International Headquarters for Sunspot Statistics.

We look forward to this event knowing that a goodly number of AAVSO Solar Divisions members will be present as well as the Variable Star folk.

The New Haven Astronomical Society has invited the Northeastern Region of the Astronomical League to hold it's first Convention at the Yale Observatory on April third and Fourth, Saturday and Sunday. The Saturday meeting will be devoted to League Matters following into Sunday if necessary. On Sunday, however, there will be a second Solar Conclave. A fine program has been arranged for observing ( visibility permitting) in the morning followed by a conference , after luncheon we hope to have some outstanding speakers on sunspot work.

There is a possibility of obtaining dormatory accommodations for some on Saturday night. Those interested should write Mr. D.S. Kimball, Yale Observatory, Prospect Street, New Haven 11, Connecticut.

Word has also been received from Mr. E.H. Pilsworth of Battle Creek, Michigan, that a spring Solar Division Conclave is planned, and, from Mr. T.P. Maher of Portland, Oregon, the Chairman of the Northwestern Region, Astronomical League. Amusing to say the least, is the geographical location aspect.

The response to the request for observers in the Gleissberg Foreshortening Project was most gratifying. The initial reports, for January 1948, were mailed to Prof. Gleissberg February 12th.

Prof. Gleissberg informs "----- It is intended to publish preliminary statistical results at short intervals ( if possible, every third month ) so that your members can see the progress of the investigation for which their observations are used.

For the benefit of the newer observers of the AAVSO Solar Division, we announce again, our other current projects in which we invite participation  
Solar Granulations ----- Director, Dr. J.C. Bartlett Jr.

Significant Changes in Sunspot Groups " Dr. W.O. Roberts,  
Information concerning participation in the above can be obtained in this office.

From time to time we receive request for materials for observational work on sunspots. We cannot emphasize strongly enough the importance of extreme care in making direct observations. Existing Solar Division observers therefore are asked to spread the same information to potential material.

DO NOT MAKE DIRECT OBSERVATIONS ON THE SUN WITHOUT THE  
PROPER EQUIPMENT.

Your eyesight can be ruined for life, in a moment's time if the necessary precautions are not taken. We have, so far, not experienced any difficulty along these lines and we do not want to either hence the caution.

Do not forget the National Convention of the Astronomical League which is to be held in Milwaukee on July 4th and 5th, 1948. Better start making provision now.

STATISTICS.

Total number of Groups for January 1948 40.

" " " days with sunspots 31.

Solar Division Preliminary Sunspot Number. see Reductions Report.

\* Highest sunspot group number February 22 nd., 1948; 70.

\* This last value is given in order that the observers can check their counting of groups each month.

PUBLICATIONS.

1. " Quarterly Bulletin On Solar Activity " for January, February, March, 1947.  
Published by the Federal Observatory of Switzerland under  
the auspices of the International Astronomical Union.

2. Final Relative Sunspot Numbers For 1946. ----- Dr. M. Waldmeier.  
Terrestrial Magnetism and Atmospheric Electricity  
December Issue. Publisher, Johns Hopkins Press Baltimore, Md.

3. "The Sun A Typical Star" ----- Dr. K.O. Wright.  
Journal Of The Astronomical Society Of Canada  
November Issue 1947  
Toronto, 3 Willcocks Street.

A comprehensive review of recognized facts in Solar Activity.  
Anyone interested in solar work should read this lecture  
In this same issue we find an interesting sunspot report  
from Solar Division Observers of the Montreal Centre group  
under the guidance of M. Garneau p.327. Know what your  
colleagues are doing.

4. "Some Experiments With Color In Natural And Artificial Sunspots " -----  
Dr. J. C. Bartlett Jr.

Popular Astronomy February Issue 1948

Dr. Bartlett heads our Granulations Project, is a student of the sun of longstanding and has written much on the subject. This color study is very important. When the Solar Division observers observe color in sunspots during their observational work please report same to Dr. Bartlett. It is only by much evidence that a fact can be established. Address data to 300 North Eastaw Street, Baltimore 1, Md.

5. "Projection Of Artificial Meteor Trails On The Moon". Dr. J. C. Bartlett Jr.  
Science. ( Weekly) February 6, 1948.

A series of articles on this subject, pro-and-con have appeared because of Dr. Bartlett's initial claim and the above is his final statement of proof. Read it without fail.

6. " Life Among Sunspots " ----- Walter G. Bowerman.

Popular Astronomy. January 1948 Issue.

This paper was read at our AAVSO spring meeting last year at Hood College. Mr. Bowerman is an outstanding Actuary and supplies plenty of data in his writings, he is affiliated with our Solar Division Research Section.

7. "Bicklimatic" ----- Manfred Curry M.D.

On sale by Stechert- Hafner Inc., 31 E. 10th St N.Y. 1 N.Y.

Two Volumes for \$46.00

Foreign.

There has long been purported that some where in the Solar Corpuscular stream, that flows over the earth and it's atmosphere, is energy that affects humans and this work is the first to be published, although there is much unwritten evidence most ready for publication, claiming evidence.

"For ten years Dr. Manfred Curry has directed Meteorological, chemical, physical and medical studies which have led to the discovery of a substance contained in the air in very small Quantities in the form of a gas."

"In his book, Dr. Curry demonstrates how this substance has a definite reaction on healthy and diseased organisms. He proves how diseases are created and may be controlled by atmospheric conditions.

The work is profusely illustrated, showing hundreds of Pictures of typical patients before and after treatment, graphic recordings of observations and physiological reactions as well as photographs of actual meteorological conditions."

While this work is somewhat over the average individuals' purchasing power it will eventually be available in Libraries.