

A.A.V.S.O.

SOLAR DIVISION BULLETIN.

Neal J. Heines, Editor.

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560 Broadway,  
Parsen (4) N.J.

The April issue of the S.D. Bulletin was omitted because of duties prior to and connected with the Spring Meeting of the AAVSO held at Smith College Observatory, Northampton, Mass., on May 3 & 4.

A fair representation of observers from the Solar Division were present. The one coming the greatest distance was Council member Mr. Ralph N. Buckstaff of Oskosh, Wisconsin.

Mr. David Rosebrugh read his interesting paper on various colors observed in umbral portions of the Great Sunspot Group 46117.

Mr. C. F. Fernald exhibited his and talked on his polarizing filter used in making his solar observations.

Your chairman submitted his Solar Division Report and read two Papers, 1. "Sunspots and Levels of Lakes In Minnesota" by our member Mr. Franklin J. Ryder of Minneapolis; 2. "Sunspots and Weather" by Mr. Paul H. Nadeau of Quebec, Canada. Discussions followed both Papers.

As a part of the Solar Division Report, your chairman also read the report on the Solar Granulations Project of Dr. James C. Bartlett of Baltimore Md., which incorporated the work of several members of the Solar Division. Dr. Bartlett was profuse in his acknowledgement of the assistance given him in this study, especially to the observers who are participating in the work with him.

Due to the lack of ample time your chairman also read six papers of his own by title only.

Essential details of the Solar Division report will be published in Popular Astronomy and Sky and Telescope in a forthcoming issue. There is a possibility for publication of some of the above mentioned Papers. Announcement of this will be made at the proper time in the S.D. Bulletin.

There are two Publications that have consistently helped the Solar Division. These, do most surely, deserve your consideration. They are, The Texas Observers Bulletin, Mr. Oscar Monig, 1010 Morningside Drive, Fort Worth, Texas, Editor, and, Astronomical Information Sheets, Dr. Bruce Blair of the University of Nevada 1059 Sierra Street Reno Nevada, Editor.

Both of these Publications reveal a host of valuable data for the amateur astronomer and are moderate in cost to him. The Texas Bulletin is \$1.50 per year and is issued monthly. The Information Sheets cost \$1.00 for twenty mailings. Both deserve our support.

In S/D Bulletin Number 3, November 1945 p. 6, mention was made of the chosen way of writing the word sunspots. We decided upon the compound word, hyphenated, because of the fact that it was so used in the text book, Astronomy, by Russell-Dugan and Stewart and other works

We are indebted to Dr. Harlan T. Stetson of the Massachusetts Institute of Technology for a correction. Some time ago the magazine Science announced the publication of the new edition of Astronomy by Russell-Dugan- and Stewart, which, was reviewed by Dr. Stetson. In the review he pointed out that the word is not hyphenated, referencing authority to the Encyclopedia Britannica. We therefore should not hyphenate the word in the future. Sunspots is correct.

Dr. Charles P. Olivier, Flower Observatory, Upper Darby, Pa., is desirous of observers for his Meteor program. He is especially in need for observations made at night for telescopic meteors. Little extra effort is necessary to record such observations and those who observe Variable Stars or other objects could well afford the little extra time and effort. Write to Dr. Olivier for particulars and mention the fact that you are a member of the S/D/

In the present mailing we have started to use the revised Monthly Report Form. Only a few were necessary as the old ones had to be sent out first. In the old form the printer neglected to insert the word TOTALS on the bottom line underneath the date column. It should be noted that in the new form the Greek letter Sigma is used to indicate totals. On our monthly report totals should be ~~shown~~ shown for all entry headings except c. d. and e. It is not necessary to show break-down totals under g, i, n, and o, nor is it necessary to enter zeros under n, and o. This is plainly stated in the instructions Leaflet. The other revision was the addition of a plus sign instead of a saber under n, in the printed information below the ruled report form.

We are happy to enter as new members of the Solar Division Reverend Herbert Kitley, of Gosford, Australia; University of Athens, Dr. S. Plakadis, Greece and the Rensselaer Polytechnic Institute of Troy New York, Dr. Robert Fleischer.

Mr. H. B. Chase, 40 Hummock Road has more projection discs and the instructions for their use available for members of the S.D. Communicate directly with Mr. Chase in order to avoid second handling.

The last issue of the S.D. Bulletin was incorrectly numbered. Kindly change the Number 6 to Number 7 as there was a typographical error here.

We wish also to apologise for the many typographical errors in the S.D. Bulletin as its editor is a two finger artist, on the typewriter. Erasures can be made in a letter but not so on the necessary stencils for mimeograph work.

In Leaflet No. 207 - May 1946, Astronomical Society of the Pacific San Francisco, California are all the latest details of the Great ~~sun~~ Sunspot group 46117 ( S.D. Number ). An individual copy can be obtained but a subscription can be had for this publication for \$5.00 per year. Two Plates show the progressive activity from Feb 2 to 11 Fig 1., and Plate two shows five of the largest Sunspot groups ever photographed. On page 4 a table is given of all the largest groups recorded from 1892 to date. There is a wealth of data in this Leaflet which every Sunspot observer should have on hand for reference purposes.