

A.A.V.S.O.

SOLAR DIVISION BULLETIN.

Neal J. Heines, Editor.

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Paterson 4, New Jersey.

It is a genuine pleasure and a real privilege to inform our Solar Division Observers that their work is being recognized internationally.

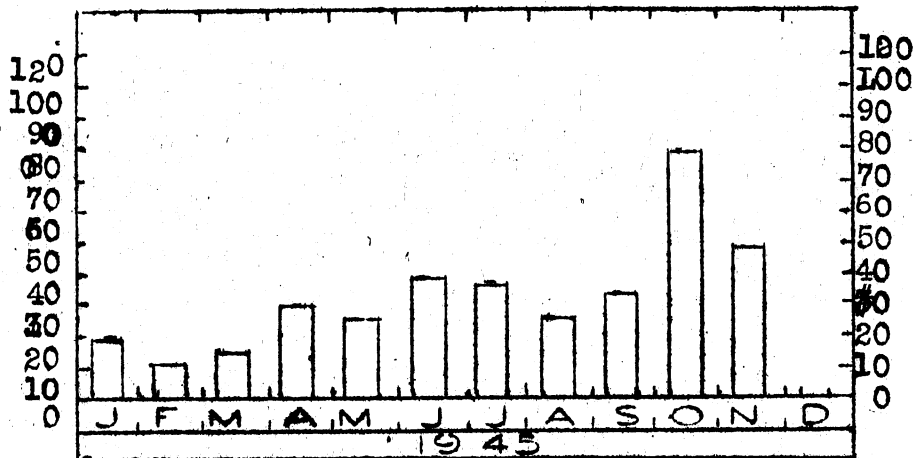
A few days ago, we received a request from Dr. M. Waldmeier for our S.D. Reductions. Dr. Waldmeier has succeeded Dr. Wm. Brunner as Director of the Federal Observatory of Switzerland, headquarters for Sun Spot statistics for the International Astronomical Union. In addition, we received a similar request from the British Astronomical Association, also known as B.A.A., as well as for copies of our report form and Instructions Leaflet. This request came from Dr. F. A. Sellers, F.R.A.S., Director of the Association.

This would not have occurred, had it not been for the zealous efforts of our S.D. observers. The S.D. Committee joins me in sincere appreciation of your fine work.

We are still expanding. Last August, Mr. B. H. Harrell our Gadsden Alabama observer, sent to his son who is in the armed forces at Luzon in the Philippines, a 4" Richest Field reflector. It was received shortly before Christmas, and, Harrell Jr. has gone to work with it. You will eventually find his name on the monthly report of S.D. Reductions. From there we go to Brazil to a solar observer with 20 years of experience namely, Mr. Herbert Luft. Mr. Luft has requested forms and the Instructions Leaflet. The report of S.D. activity which appeared in the August issue of "Popular Astronomy" prompted this request.

Below is a graph of the Sun Spot activity as observed by you during 1945.

A.A.V.S.O. Solar Division Preliminary Relative Sun Spot Numbers.



The tables are as follows;

J"20.3	A 29.5	J 38.9	O 79.2
F 11.9	M 26.2	A 25.5	N 48.7
M 18.5	J 39.7	S 36.1	D

The December value will be given in the S.D. Bulletin for February. You can then add the missing bar.

Dr. Bartlett writes that the co-operation of S.D. observers in his Solar Granulations Program has shown real value. We can use a few more observers in this worthwhile program. Kindly write your chairman if you wish to co-operate. We would greatly appreciate West Coast observers in this program.

Several requests have come to this office for the names of the people whose initials appear in the lower right hand corner of the monthly Reductions. As you know the Carnegie Institution has made these reductions since the Solar Division was organized. Dr. Jno. A. Fleming, Director of this Institution at Washington, has allocated this responsibility within the Institution. Dr. Allan H. Shapley, Physicist, has been assigned the supervision of this activity. His assistant is Miss Fredricka Hodder. Therefore the initials A.H.S. and F.H.

Mr. David Rosebrugh, former secretary of the A.A.V.S.O., one of our observers is desirous of obtaining a Filar Micrometer Eyepiece with cross-hairs, vertical (movable) and horizontal, calibrated in degrees with vernier drum in a manner similar to the position micrometer. Anyone having such an instrument for sale or is aware of other procurement will kindly communicate directly with him. His address is 87 Fern Circle, Waterbury, Connecticut.

If you have instruments you wish to dispose of or wish to procure take advantage of the Solar Division Bulletin in letting others know.

Observers of the Solar Division who have not as yet become affiliated with the American Association of Variable Star Observers are again invited to join this splendid organization. The annual dues are \$3.00 plus \$1.00 for charts and other furnished material. The latter charge is only made with the initial application. Applications will be sent to those intending to join upon receipt of intent to the chairman of the Solar Division.

WORK THOU FOR PLEASURE

Paint, or sing, or carve, the thing thou lovest
tho' the body starve:

He who works for glory, misses off the goal:

He who works for money, coins his very soul:

Work for the work's sake, and it may be

That these things shall be added unto thee.

(Author unknown.)