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EXPRESS STATION
DISHMAN, WASHINGTON

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To Whom It May Concern;

This is to announce that on August 20th I was able to perform the heretofore untold feat of scanning better than 16" diameter solar-image with a Spectroheliograph.

This was accomplished with less than a 10" aperture, causing the image to be decidedly dimmer than normal sunshine. Also, the Anderson's-Prisms used had nearly 2" of cross-section-mass, which would further reduce the brightness. Still, the final visual observations were of sufficient brilliance to be of great importance in solar-research, using such methods.

It has always been the wish of all solar-workers to have an image which is both large and bright. Under normal usage of optics, it would have required an aperture of nearly 4' feet diameter, and around 150' feet of/as focal length to have accomplished like results.

While the discussion of optical-nomenclature has no place herein, I shall be happy to confer with any person, or persons, from other solar-observatories who wish to contact me, on the methods used.

cc:
Solar Data Center
High Altitude Obs.
Boulder, Colorado.

Sky & Telescope Pubs.
Harvard College Obs.
Cambridge 38, Mass.

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(No amateur inquiries, please.)