

March 31, 1940
312 W. Seminary Ave.
Wheaton, Illinois

Dear Keenan:

Enclosed is a copy of the corrected proofs of article on Cosmic Static. If your paper on theory appears at same time it might be well to include a statement in it or at end of mine that the two have related interest.

In regard to your letter about data on sun, my estimate is based on three fairly good runs of 30 minutes each. A dozen tries were required to get these due to local auto ignition noise at noon day. Consequently there is virtually no possibility of getting useful data over a period of a couple of hours. Night time data is directly comparable to daytime data provided any of the latter can be obtained. Incidentally a good bit of Jansky's data was taken during the daytime as he was in a quiet location.

Most of the new equipment I mentioned has arrived and is in process of assembly. The special wide band amplifier is also about half constructed. A motor drive is to be installed on mirror so that a sweep from $+ 90^{\circ}$ to $- 30^{\circ}$ dec. can be made in two minutes. Output will be recorded in permanent form by a graphic meter.

Tell Greenstein I very much wanted to hear his talk before the Chicago Astronomical Society but at the last minute got hooked for some evening work.

Best regards,