

The University of Chicago

Netkes Observatory
WILLIAMS BAY, WIS.

January 26, 1940

Dear Reber:

We have just had a new brainstorm concerning the radiation which should be observed from the sun at your frequency of one meter. It looks as though what I said about the expected intensity was wrong, but to test our ideas would it be possible for you to make some runs across the sun, extending the measures to about an hour on each side? If you have some tracings extending more than a few minutes from the time of meridian passage, would you be willing to send them to us? According to the way the theory works out the situation is rather puzzling and we should like to clear it up.

I did not remember from your description of the method of calibration whether it would be possible to compare the absolute intensity of the incoming noise during the daylight runs with the ones taken at night, but it would be important to do that if it is feasible.

When the weather gets better I hope to have a chance to see you in town, but it does not look as though that would be very soon. Incidentally, we are getting some rather chilly observing out here now.

Sincerely,

Philip Keenan