

March 7th, 1947
212 W. Seminary Ave.
Wheaton, Ill.

Dear Dr. Southworth:

This note is a continuation of my letter of the 1st.

The large group of spots of February 12th have again appeared and should cross the center of the solar disk early next week. The day by day intensity has been gradually increasing on my equipment ever since this group came around the edge of the sun a few days ago.

If at all possible I would like to have you make solar intensity measurements on one or more of your microwave receivers during the next few days.

Past experience and present indications are that there will be a very substantial increase in solar radiation a few days hence, at 62.5cm wavelength.

Any information you can secure in the microwave range (either positive or negative) will be very valuable in determining the frequency-intensity function of these temporary enhancements due to spots.

This time the group looks larger than last time and there is another similar group forming below and a bit behind the old group. Thus the solar radiation should be very substantial when both of these groups go by the center meridian of the sun.

Best regards,

Grote Reber