

COLLINS

COLLINS RADIO COMPANY

CEDAR RAPIDS, IOWA, U. S. A.

11 June 1947

Mr. Grote Reber
212 West Seminary Avenue
Wheaton, Illinois

Dear Mr. Reber:

Your letter of May 18 concerning sun spot activity has been referred to me by Mr. Salisbury.

We were able to follow the sun at 24000 mc on May 23 and May 25, 1947. On these days, we tracked the sun manually during a period from shortly before noon to 2:00 P. M. During these periods, we did not notice any unusual activity at our measuring frequency. Comparing the data with some obtained on May 5, it seems that the noise level on these two days was about 25 per cent lower than on May 5. However, this 25 per cent difference in level is not very significant since conditions (antenna mainly) may not have been exactly the same for the two groups of measurements. We did try to duplicate the set-up of May 5 for our measurements on May 23 and 25 but the difference in measured values for a fixed sun noise level may be as much as 30 per cent. At any rate, there were no violent disturbances noted.

We would be interested in hearing of your results at 480 mc.

Very truly yours,

C. M. Hepperle

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Research Engineer

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