

S t e r r e w a c h t t e L e i d e n .

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30th August 1945

Mr Grote Reber,  
c/o Dr O. Struve,  
Yerkes Observatory,  
Williams Bay, Wis.  
U.S.A.

Dear Mr Reber,

I have read with the greatest interest, a few years ago, your article on Cosmic Static, and, recently, your more extensive publication in Astrophysical Journal, 100, Pt 3. At the Leiden Observatory we have been much interested in the interstellar gas and its distribution through the Galaxy, and I am considering the possibility of erecting a large mirror and receiving set for ultra-short waves in this country. Naturally, the plans are vague, and it is still quite uncertain whether we shall be able to carry them out. However, in this stage, it would be of value for us to be able to make a general estimate of the cost of the instrument. If it is possible for you to give us a rough idea of the expenditure for your 31 feet mirror this would be of some help in the general planning. I should be greatly obliged if you could give us this information. Of course all other advice you could give would be warmly welcomed.

There is one thing I am interested in, in connection with the small peaks in your curves, due to automobile sparks. At what distance from the receiver did these automobiles pass?

Thanking you in advance for your advice

sincerely yours

J. K. Oort.