

12th January 1973

C. S. I. R. O.
Stowell Avenue
Hobart, Tasmania
Australia, 7000

Mr. H. C. Krupp
Griffith Observatory
P.O. Box 27787
Los Angeles, California
U. S. A., 90027

Dear Dr. Krupp:

This is a rather belated reply to your flattering letter of 12th December. The story of Radio Astronomy at Wheaton, Illinois appears in the January 1958 issue of Proceedings of Institute of Radio Engineers, now Institute of Electrical and Electronic Engineers. The limited space for exhibit should contain matters of substance.

My first complete map of sky appears in November 1944 issue of Astrophysical Journal. There is a bright band along the Milkyway with a few bright sources in the band. The wavelength is 1.87 meters. I suggest this map, the picture of dish telescope 32 feet diameter, plus a foto of me at that time. The elevation of instrument could be changed. Thus the telescope was meridian transit type using mechanical adjustment of declination. It is now restored at Green Bank, West Virginia.

My recent observations here appear in the January 1968 issue of the Journal of Franklin Institute. The wavelength is 144 meters. The telescope is meridian transit mounted, 3520 feet diameter, using electrical adjustment of declination. It is now being reorganized to operate in range 250 to 333 meters wavelength.. I suggest a current picture of me, the birds eye view of telescope, and map at 144 meters wavelength. This map shows a dark band along the milkyway with a few darker sources in the band.

The complete reversal of picture of radio sky from 1.87 meters to 144 meters should be called to the attention of those viewing the exhibit. I've not had an opportunity to see just what I can supply you from here, but will examine the situation in due course.

I am,

Sincerely yours,

Grote Reber
Grote Reber

*As of 25/2/77
I never sent anything*