

May 22nd, 1948  
P.O. Box 4868  
Cleveland Park Station  
Washington, D.C.

Mr. Ralph E. Williamson  
David Dunlap Observatory  
University of Toronto  
Richmond Hill, Ontario  
Canada

Dear Ralph:

Thanks for your note of the 18th and reprint from the RASC.

With this letter I am sending five prints which are the same material I showed at NRE on the 6th. Along with the prints are two pages of typewritten material giving some explanation of the curves and some deductions which might be made. You are welcome to use any or all of this material as you chose. I have no immediate plans to publish any of it and if it serves some purpose for you then it will not go to waste. The only article I presently have up for print is an account of my 480mc observations. The IRE is now considering it. The material thereof is quite engineering in nature with considerable about the apparatus. The 480mc data is presented in celestial coordinates in the manner of curves I left with you last fall. Thus any of the enclosed material you may use will not duplicate my current paper.

I agree that data published in tabular form would be very useful. However most magazines are very allergic to presenting data in this manner. I have been unable to sell the idea to any of the leading technical journals when the volume of the data exceeds about two columns. Data on four of the enclosed prints (hey excluded) I have available in both celestial and galactic coordinates. The celestial coordinates are the original measurements. The galactic coordinates were computed from the above using the tables of the Lund Observatory 1932. After talking to Coort, I got the impression that the Lund tables may be in some error as perhaps the choice of the galactic equator may have been rather poor. Thus my conversions may not be much good. During the coming week I will have the data in celestial coordinates compiled in tabular form and send you copies of data at 20.5, 60, 160, 480mc. In view of the above doubt about the Lund tables, I presume that this will be more satisfactory to you than the data in galactic coordinates.

Best regards,

Grote Reber