

18/9/90

POSTAGE

Paul Campbell  
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Dear Paul:

Your red book entitled "Canadian Ionospheric Data, First Quarter 1990" posted on 19/7/90 arrived on 12/9/90. I find the contents useful and even interesting. Keep me on your mailing list.

As explained by mine of 10/8/90, I'd like to secure monthly data sheets giving hourly values of  $f_oF_2$  at Ottawa prior to November 1951, and going back as far as records go, perhaps 1942/3. I need this for comparative purposes with the other canadian stations. Please secure all that is available from archives and send off copies at your earliest convenience.

Enclosed are my analysis of Prince Rupert data for entire period station operated, June 1945 thru May 1954. The useful hours at any given frequency, say 2 mc, rise and fall inversely to solar activity. Now I'm working on similar data from StJohn's. It isn't as good as Prince Rupert. When I receive your Ottawa data, as above, I'll complete my analysis for Ottawa. The comparison of three stations will give a good quantitative understanding of transparency of ionosphere across Canada. This will allow finding a best location to do low frequency radio astronomy. My present thinking is Prince Rupert. I'd rather not have this bandied about yet.

Please remember me to Jack Landry.

Best wishes,

*Grote Reber*

Grote Reber  
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