

31/8/89

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Dear Jack:

Thank you for your good letter of 18th and interesting enclosure. Posted on 21st, they arrived on 30th. This is excellent service for fourth class surface mail! While at NRC, I examined a lot of Alouette data. These high latitude daytime vallies were often apparent. It is good the ground based observations agree. This gives confidence in whole operation.

I'm interested in nite time vallies at lower latitude. Results of my initial studies are enclosed. These are two graphs and two explanation sheets. All are based on ground observations. The whole study confirms that SE Canada at about 45° latitude is optimum place to conduct low frequency radio astronomy observations. I'm still considering the construction of a large antenna somewhere east of Georgian Bay. Maybe I'll get started early (April) next summer.

My lost request was for Ottawa Nov 50 thru Oct 51. I'd like to add to this StJohn's Nov 62 thru Feb 67. You will probably have to recover these from Archives. Your red booklets arrive from time to time. Keep me on your mailing list. Thanks for all your efforts on my behalf. Remember me to Paul Campbell. Let us keep in touch.

Best wishes,

Grote Reber
Grote Reber

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