

920 KCS.

CJ CJ

"THE VOICE OF THE VALLEY"

1000 WATTS



CARLETON-VICTORIA BROADCASTING CO. LTD.

P. O. BOX 920, WOODSTOCK, N.B.

September 25th, 1961

Mr. Kermit Geary,
R. D. 2, Box 298,
Walnutport,
Pennsylvania, U. S. A.

Dear Kermit:

Thank you for your complete report on CJ CJ's signal there about 6 A.M., A.D.T., September 11th, 1961.

We are most surprised to learn that you heard us loud and clear, and your identification of our program content tallies with our log for the day and time.

The CJ CJ transmitter radiates 1000 watts, (1200 input to the array), with the same directional pattern used day and night. The maximum signal radiated is to our North North West, with about $\frac{1}{4}$ radiated to the reciprocal bearing. (Main lobe is 350° true).

After doing a little calculation, it seems that we radiate about 115 mv. 10 degrees above the horizon in your direction, 90 mv. at 20° , 64 mv. at 30° , and 40 mv. at 40° .

Our transmitter is located at,

N. Latitude	46°	07'	30"
W. Longitude	67°	35'	10"

The array consists of two guyed elements, base insulated, series fed, 182 feet high, spaced 268', or 90 electrical degrees apart.

We radiate minimum signal towards WMMN, Fairmont, West Virginia.

Mr. Kermit Geary

You certainly must have a fine receiving location, and your setup is obviously well designed.

Being an ex-DX'er myself, I know the pleasure of pulling in a tough one, and certainly at your location, they won't come much tougher than CJCJ!

Wishing you the best of luck in future, we remain,

Sincerely,

CJCJ-RADIO - 920



R. J. Morrison
Chief Engineer

RJM:lm
Encl.

P.S. Your report is the most distant to date.