

WTMT 620 Kc

STUDIOS • YORK TOWERS, SECOND AT YORK • LOUISVILLE, KY. 40203

December 28, 1971

Mr. Carl Dabelstein
3300 North 56th Street
Lincoln, Nebraska 68507

Dear Sir:

Our log records show that your reception of WTMT on November 25, 1971 at 5:23 am to 5:25 am, our time 6:23 to 6:25, is correct.

Since we are a three tower directional, power lobe southeast, it is a rare skip that sends our signal toward nebraska. However we do get a few verifications in that direction.

The three towers are 300 ft high and are 90 degrees from true north, in line toward Lexington, Ky. to protect a station on 630 KCS. Since Lexington is less than 65 miles away, we have a sharp pull back and flatten out only 25 miles toward the east.

Our transmitter is a Gates, manufactured in Quincy, Illinois and has an output of 500 watts normal. The fields for our ground radials cover some 40 acres, and it keeps us busy mowing the grass in the summertime.

Since we are directional southeast, we locate the transmitter in Indiana, northeast of Jeffersonville 4.5 miles and shoot the main power lobe back into the city of Louisville. A creek flows thru the grounds with water in it year around. This gives us a strong ground conductivity all the time. Reception as far as Terre Haute and Evansville on the west is common.

Our format consists mostly of Western and Country Music, the only full time format in this area for since 1958 when we went on the air, we have built up quite a library of this type music.

The signal of WATE in Knoxville, Tenn. which you heard does interfere with us some but the ground conductivity is very poor in middle and eastern, Kentucky so it does not bother us close in to the county listeners.

Thank you for the report, and even tho I am late in answering your letter, the holidays and all, and I work over 122 hours per week, I do get around to answering the mail eventually.

Very truly yours

Charles N. Cutler
Charles N. Cutler
Chief Engineer WTMT

cnc;kw