

W M T E

Manistee Radio Corporation

July 26, 1951

Executive Offices
Manistee • Michigan
Phone 1340

Mr. Ernest R. Cooper
National Radio Club
438 East 21st Street
Brooklyn 26, N. Y.

Dear Mr. Cooper:

This is to acknowledge your SIGNAL REPORT on WMTE on the following date and times:

July 22, 1951--3:18 3:20 3:20:15AM and others.

We have checked and your report is hereby confirmed. For your information, your's is the "first report" received by this station since we went on the air at 7:00 PM on the night of June 7th, 1951.

Our equipment is Gates--our antenna is a Windcharger vertical guyed 205' and is located on a hill 212' above sea level. Manistee is located on the eastern shore of Lake Michigan, about 85 miles north of Muskegon, 250 miles NW of Detroit and 265 miles NE of Chicago. The incorporated population of the city is 8,700 but the population within $1\frac{1}{2}$ miles of the city exceeds 12,000. This is the home of MORTON SALT. They pull their salt in the form of brine from wells, similiar to oil wells, from a depth of several thousand feet. Also, other chemical industries such as BROMINE, is produced here.

As for our coverage--on the engineering basis with a conductivity of 4×10^{-14} e.m.u. the service radius at the (0.5 mv/m contour) is 16.5 miles. And the intereference radius (0.025 mv/m contour) is 66 miles. Our total listening audience, based upon the above is around 40,000.

This is the part of the country filled with trout streams and natural forests, and every week or so some motorist will run over a deer strolling across the road. In fact, they are sometimes seen in fields in groups of over 300.

Thanks again for your fine report and much success to you.

Sincerely,

E. J. Powell

Edwin J. Powell Mgr & C E.

The Good Neighbor Station