

GR:JEG

3rd December, 1974.

Dr. R. M. Price,
N.R.A.O.,
Edgemont Road,
CHARLOTTESVILLE, Va.,
U.S.A., 22901.

Dear Dr. Price,

Thank you for your interesting and flattering letter of 19th November and enclosures. The signed foto is returned herewith. The A on watch foto is a survivor from Armour Institute of Technology in Chicago. Now it is the Illinois Institute of Technology. This school laid considerable emphasis upon learning by doing. It has repaid me well.

During the past winter I monitored 1155 KC (a clear channel) using two horizontal dipoles. Only three partial openings of the ionospheric hole for a couple of hours were recorded. Solar activity and fo F2 remain much too high. The monthly average sunspot number must fall to 5 or less before significant results will appear.

I am recording a variety of phenomena at night which show some correlation with VLF (4.5 to 5.5 KC) noise. Both seem to be caused by charged particles falling into the earth's upper atmosphere above 300 km.

Next winter I expect to have 48 dipoles operating. The latest quotations for solar activity minimum suggest 1976 or 1977 with sunspot number of 3.

Does NRAO have copies of Solar Bulletin issued by AAVSO prior to September 1971?

Best wishes,

Grote Reber.