

DECEMBER 17, 1958

DR. ROBERT L. PYLE
3012 - 44TH STREET, N. W.
WASHINGTON 16, D. C.

DEAR BOB:

THANKS FOR YOUR NICE CHRISTMAS CARD. IT IS INDEED GOOD TO HEAR FROM YOU AGAIN. WE SEEM TO BE FOLLOWING EACH OTHER AROUND THE WORLD MORE OR LESS.

I DIDN'T KNOW THE BUREAU OF FISHERIES NEEDED A METEOROLOGIST. WHEN YOU FIND OUT WHAT THE JOB IS, AND HAVE TIME, PERHAPS YOU COULD TELL ME SOME OF THE THINGS YOU DO.

NRAO IS QUITE A LARGE UNDERTAKING. ONE RADIO TELESCOPE WITH A DISH 85 FT. DIAMETER IS NEARLY COMPLETED. CONCRETE IS BEING POURED FOR ANOTHER WITH A DISH 140 FT. DIAMETER. SEVERAL BUILDINGS ARE IN VARIOUS STAGES OF CONSTRUCTION. BY NEXT SUMMER QUITE A PRETENTIOUS OBSERVATORY SHOULD BE TAKING SHAPE. COME OVER AND SEE US NEXT SPRING.

MY RADIO ASTRONOMY RESULTS FROM HALEAKALA WILL BE PUBLISHED IN THE FEBRUARY AND MARCH ISSUES OF THE JOURNAL OF GEOPHYSICAL RESEARCH UNDER THE TITLE OF "RADIO INTERFEROMETRY AT THREE KILOMETERS ABOVE THE PACIFIC OCEAN". AS OF JANUARY 1959 THE JGR PASSES FROM CARNEGIE TO AGU AND BECOMES A MONTHLY MAGAZINE.

I HAVE WRITTEN ANOTHER ARTICLE ABOUT TEMPERATURE AND "HUMIDITY ATOP HALEAKALA" WHICH WILL APPEAR SOON IN THE AUSTRALIAN METEOROLOGICAL MAGAZINE. I'LL SEND REPRINTS OF ALL THESE IN DUE TIME.

MERRY CHRISTMAS,

Grote
GROTE REBER

GR:NI