

15th May 1958
General Delivery
Wailuku, Maui, Hawaii

Dr. George C. Southworth
19 Williams Road
Chatham, New Jersey

Dear Dr. Southworth:

Enclosed are a few reprints. The one entitled "Early Radio Astronomy at Wheaton, Illinois" I hope is a suitable second chapter to follow your fine article about Jansky of a year or so ago. The reprints of same showed up at Hobart in due time. Thanks very much. "Between the Atmospherics" tells what I was doing in Tasmania. After I sent it to the printers, more accurate measurements were made of the direction of arrival of the 143 KC energy. This turned out to be 36 degrees north of the zenith by night and by day which is nearly the same as 520 KC observation. The geomagnetic latitude of Hobart is 56 degrees, so the whole picture fits together fairly well.

Presently I am organizing my data taken from the top of Haleakala during 1952-4 and making a few more comparative measures. When this finally gets off to the printers, I expect to fold up the Hawaiian adventure. Along about next August my address will be

Grote Reber
National Radio Astronomy Observatory
P.O. Box 2
Green Bank, West Virginia

Part of my work will be to construct new and better low frequency apparatus for use when the present high solar activity dies down. After I get back to the eastern seaboard, I'll contact you with a view to getting together sometime. The reprint on Foster article describing cross antenna also arrived in good order. Thanks again.

Best regards,

Grote Reber
Grote Reber

*IRE July 55, Jan 58
JGR, June 54, June 56, Mar 58
Nature 8 Jan 55
Aust Met Mag Sept 57*