

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
BOULDER, COLORADO

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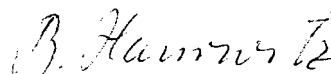
Dr. Grote Reber
C.S.I.R.O.
Stowell Avenue
Hobart, Tasmania
Australia

Dear Dr. Reber:

Thank you for your letter of 24 January. I am not aware of any sidereal effect on the barometric pressure variations, and it seems difficult to see why such an effect should exist on physical grounds. Moreover, such a sidereal effect, if it did exist, would be very difficult to distinguish statistically from the solar diurnal variation of pressure.

Therefore I do not think that the sidereal effect in the flux of cosmic ray particles which you have found could be produced merely by a correction for barometric pressure.

Sincerely yours,



Bernhard Haurwitz

BH/mr