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Australia.

24th January, 1966.

Dr. Bernhard Haurwitz,  
Centre for Atmospheric Research,  
Boulder, Colorado, 80301,  
U.S.A.

Dear Dr. Haurwitz,

Thank you for your letter of 20th December, 1965, which arrived on the 24th. The package of four reprints arrived on the 27th. I found them interesting and enlightening. The articles by Siebert and Chapman are rather detailed and cumbersome. While considering all this, another bothersome thought has entered my mind.

The January 1966 issue of Journal of the Franklin Institute carries an article by me entitled Cosmic Ray Astronomy. Therein I purport to find a sidereal effect in the flux of cosmic ray particles. The effect is very small but seems to be rather similar over seven years. All the data this study is based upon have been corrected for barometric pressure variations. The displayed sidereal effect might have been accidentally introduced by way of the pressure corrections. Has anyone ever found a sidereal component in the barometric pressure? If so, can you give me a reference or synopsis of the situation?

Yours faithfully,

Grote Reber.

GR:JBG