



# Wrest Point Riviera Hotel

(Proprietors: Australian National Hotels Ltd.)

HOBART, TASMANIA

2nd November 1955

Dear Schuyler:

My work here is completed for this year, so on the 14th I start the long journey back to America. My flight plan is enclosed. The various stopover dates I will fill in when I get more information. Next time it won't be so long between visits back to Wheaton. This junket I now find has taken me about a year each in Hawaii and in Australia.

The results of the experiments here are considerably beyond expectations which in a measure makes up for the rather poor results in Hawaii. Now there seems no doubt that the earth's atmosphere is bulged out in a big ring around the equator which makes the seeing bad at low latitude. Here the atmosphere is much more transparent and the celestial sources overhead are very strong. The center of the galaxy swings by during the winter months in a most auspicious position high overhead. All this is rather easy to see afterwards but certainly was not easy to guess before hand. Actually, if centrifugal force is great enough to flatten the very rigid earth by over 200 miles thru the poles, then anything as tenuous as the outer parts of the earth's atmosphere certainly would be affected very much more greatly.

Spring arrived here more than a month ago and from time to time we have a rather warm day, so summer should be just around the corner. From this point of view, I rather regret leaving here and going to a place where there are severe winters; however I have been away a long time and it is important that I get back and catch up on what's happening with you and yours.

I'll probably be gone here before any reply you may wish to make, can arrive. However I can be contacted until the 29th at

Ionosphere Prediction Service  
Department of the Interior  
5 Hickson Road  
Millers Point, New South Wales  
Australia

Best regards,