

1929

Rev. Miguel Selga, S. J.  
Director of Weather Bureau  
Manila, Philippine Islands

My dear Dr. Selga:

We finally decided to go to the eclipse. We are, however, going to Sumatra instead of the Philippines. The chief reason for this is that I have long been interested in trying to establish motion in the corona during the time of a total eclipse and this particular eclipse affords a better opportunity than any we have had for many years.

We are attempting to do this in two or three ways but one of them is by the comparison of photographs made at Stations differing widely in longitude. It so happens that the Naval Observatory has a lens of long focal length that is almost identical with one that we shall use except that ours is a little larger in aperture and we are cooperating on that problem. They are going to the Philippines and therefore it was necessary that we go, for that problem, to Sumatra. One of our men, Prof. W. A. Cogshall of Indiana University, will have charge of the 65-foot telescope there. We are going to Sumatra by the way of the Atlantic and Mediterranean and therefore we are not going to be able to see you at all, a fact that I very much regret and I hope that it may be clear in both the Philippines and Sumatra.

Prof. Baade of Hamburg Observatory is going to locate at Cebu. I have been in communication with Dr. Schorr, the Director of Hamburg Observatory. They will take with them also a telescope of long focal length, 20 meters, I think it is, and they should also like to engage in this program. I am fearful that I cannot reach Baade before he leaves Hamburg. I am therefore enclosing another letter which I hope you will deliver to him or have delivered to him when he arrives at the Philippines.

\* In P. I.

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