

The Government of the Philippines
Weather Bureau, Central Office
Manila

Re Active Volcano in Piapayungan,
Mountain Range.

July 31, 1916.

Col. Herman Hall,
Chief of Constabulary,
Manila.

Sir:

I thank you very much for your kindness in sending to the Observatory a copy of the report of Lieut. Donnelly, of Kalaga Camp, about a volcano recently discovered in the Piapayungan range, Central Mindanao.

We consider such a discovery of great importance. For centuries the existence of a volcano near Illana Bay; called Macaturing, Illano or Pollock volcano has been reported by the Historians of the Archipelago and many scientist travellers who visited Mindanao, but as far as I know no one was able to approach nor to see it. From the recent sand and volcanic ashes forming the black soil in the vicinity of Malabang and other places of the Illana coast, and also from the effects reported as felt at Pollock in different occasions, it was inferred that the sought volcano lay somewhere in the range separating the Lanao from Cotabato District but nearer to the latter. I think it was Mr. de Buch, who, the first, gave some approximate geographical position of this volcano, lat. $7^{\circ} 35'$ 122° E of Paris; later on, Mr. A. Percy situated it at about $7^{\circ} 36'$ N - $124^{\circ} 26'$ E of Greenwich.

With the indications given in the report of Lieut. Donnelly it has been tried to locate it on a sketch map generously offered by your Bureau, and its position roughly agrees with the above said ones. If the bearings given in the report are reliable the volcano should be placed towards the southwest of Mt. Piapayungan. May be that the real Macaturing volcano consists of more than one cone and that some of the reported outburst took place in some one placed further to the southwest or south-southwest of Piapayungan. Dr. W. D. Smith of the Bureau of Mines, while travelling, some five or six years ago, from Camp Vicars to Malabang, saw many different cones towards SE and S of Lanao, but at such a distance could not form any idea of their age and conditions.