

14.1/904

February 3, 1950

Dr. R. H. Finch, Volcanologist
U. S. Geological Survey
University of Hawaii
Honolulu, T. H.

Dear Dr. Finch:

A project under consideration requires a very high place overlooking the sea. The large peaks of Mauna Loa, Mauna Kea, and Haleakala are possibilities. Since any scientific establishment of importance should be made at a safe place, we are interested in learning about the volcanic and seismic activity of these peaks.

The January/March 1948 issue of The Volcano Letter discusses the activity of Mauna Loa and lists the active periods for the past two hundred years. In various issues of the above-mentioned publication there appears a map of Hawaii with outlines and dates of the lava flows. All of these seem to originate near Mauna Loa.

We are interested in securing similar tabulations and maps giving details of the volcanic activity of Mauna Kea and Haleakala. Whatever you have in reprints or bulletins will be greatly appreciated, or perhaps you can give direct references to the subject in literature available to us. If there has been no activity in historic times, we would like some statement to this effect, or an indication when the last flow probably occurred as deduced from the present condition of the lava beds.

We are also interested in the frequency and severity of earthquakes occurring in this region. Your aid and assistance will be greatly appreciated in order that we may form a reasonable judgment upon the use of these peaks.

Yours very truly,

G. R.

Grote Reber, In Charge
Radio Astronomy
Upper Atmosphere Research Section
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GR:hjb

(This letter sent air mail.)