

Observatorio Vulcanológico y Sismológico de
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OVSICORI-UNA

Boletín de Prensa

Poás volcano, Costa Rica resumed phreatic activity.

27 March. 2006

After 1994 Poas volcano resumed activity with a series of phreatic eruptions. Armonic tremor was detected in the seismic station 3 days prior to the events.

On Friday noon, (march 24, 2006) a strong eruption was emitted from the hot crater lake. At least one of the subsequent eruptions was documented early Saturday.

Staff from OVSICORI-UNA visited the east side of the volcano to confirm material charged with water, blocks and sediments from the bottom of the lake.

Impact craters were documented in one area ranging from 300 to 700m beyond the source point. Crater size range from some cm to 70cm while, blocks associated ranged from few cm to 50cms and they were scattered randomly in the visited area. Although they did not reached the extracrater area. Fine and superfine sediments were also documented and collected for later analysis. The area visited showed a gray appearance although the rainy conditions accumulated small ponds of such sediments in crevices and lower drainages.

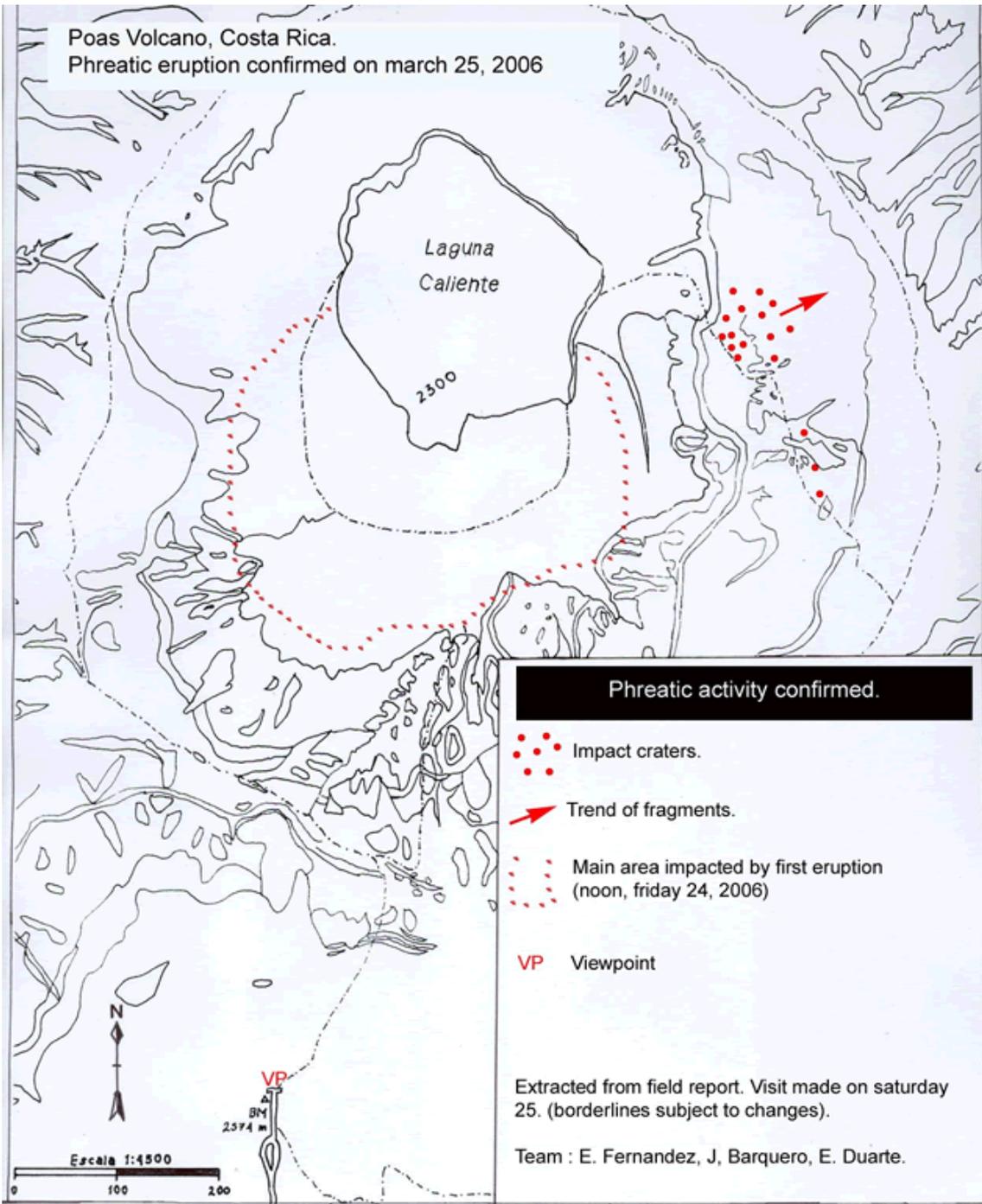
Material collected is composed of preexistent solid material from the bottom of the lake heavily altered by the action of acid and hot conditions during the last 12 years. Some of the more friable samples consist of compacted sediments that have aggregated miscellaneous granulometries.

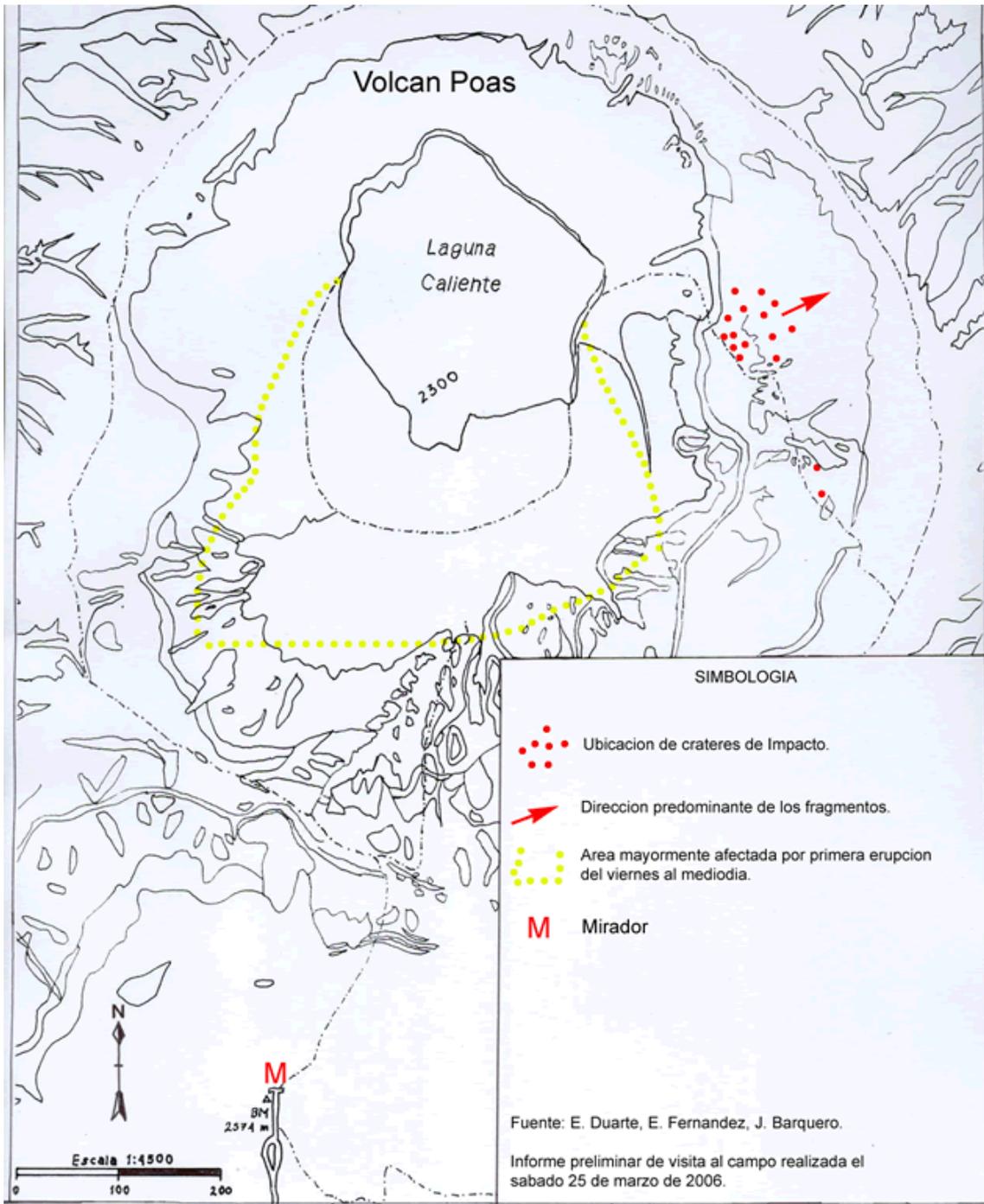
Up to Monday 27 the tremor disappeared to resume normal seismic activity.

No impact on surrounding vegetation, visitors or infrastructure has been confirmed.

Since this tropical area is in the middle of the dry season there is expectation to what point a vigorous degassing may impact the surrounding, up to small communities, as it did in past similar events (89/90 and 94).

Poas Volcano, Costa Rica.
Phreatic eruption confirmed on march 25, 2006









Volcan Poas 25-3-06
Coloración gris de las paredes
al este del lago.

Foto: E. Duarte-OVSICORI



Poas Volcano, Costa Rica.
Phreatic activity renewed on March 24, 2006

Photo: E. Duarte-OVSICORI