

# Alaska Volcano Observatory

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Redoubt Volcano, March 31, 2009

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[www.avo.alaska.edu](http://www.avo.alaska.edu)

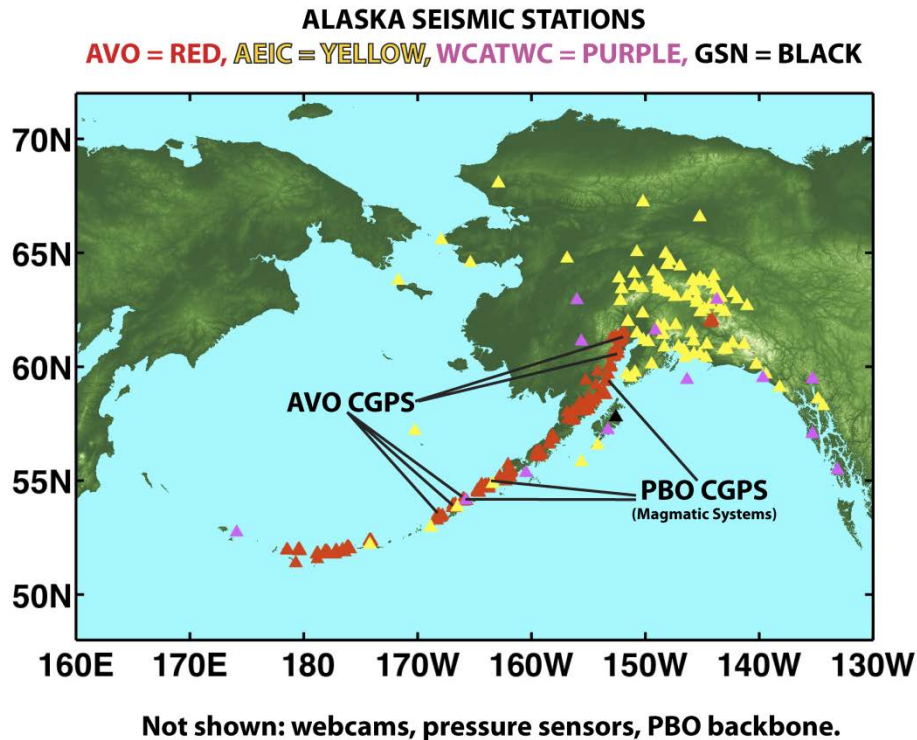
AVO is a partnership of the U.S. Geological Survey, University of Alaska Fairbanks Geophysical Institute, and the Alaska Department of Geological and Geophysical Surveys.

AVO's goal is to understand and warn of volcanic hazards within Alaska.

# AVO Monitoring Program

## Monitoring Activities

- Seismology
- Geodesy (GPS)
- Remote Sensing (visual & InSAR)
- Webcams
- Airborne Gas (SO<sub>2</sub> & CO<sub>2</sub>)
- Geology
- Pressure
- Targeted response deployments
- Dense campaign deployments
- Others



AVO operations typically involve ~120 days of helicopter supported field work each year throughout the Aleutian Arc.

# Status of AVO Geologic Investigations



20110909

Cleveland Volcano  
20110909  
Z. Lu  
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# AVO's Plans

Current focus on volcanoes in Cook Inlet region and Akutan. Makushin, Okmok.

Numerous opportunities exist for scientific and logistical interaction between AVO and GeoPrisms and we would like to encourage this!

A photograph of a volcanic eruption. A large, dark, billowing plume of ash and smoke rises from a mountain range. The foreground shows rugged, rocky terrain with some snow or ash. The sky is a clear, pale blue. The word "END" is overlaid in white, bold, sans-serif font in the center of the image.

END