USGS
science for a changing world

Earthquakes ★ Floods ★ Hurricanes ★ Landslides ★ Tsunamis ★ Volcanoes ★ Wildfires

Natural Hazards Science: Reducing America's Risk

"Since 1989, when we nearly lost a fully loaded Boeing 747 to a volcanic ash cloud encounter in Alaska, the USGS Volcano Hazards Program has developed a strong partnership with our organization. …Our accomplishments include alerts and warnings to help pilots avoid dangerous volcanic ash clouds, procedures for pilots to use to minimize aircraft damage when ash clouds are inadvertently encountered, charts showing the locations of hazardous volcanoes relative to jet routes, and procedures for volcanic ash clean-up that minimizes on-the-ground aircraft damage."

-- Air Line Pilots Association, International