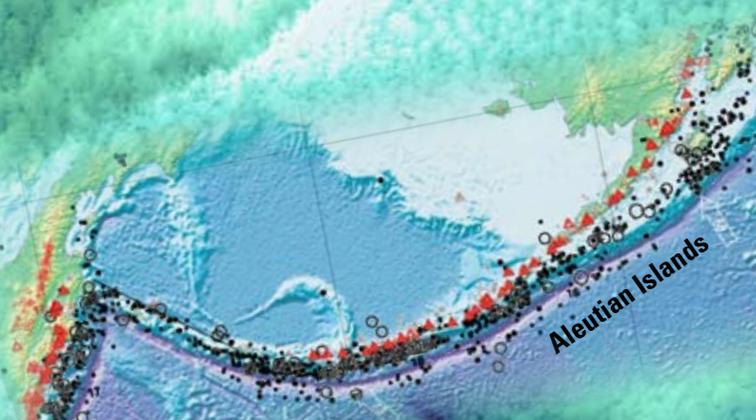


Geohazards in the Aleutian Islands

Great Earthquakes, Great Waves, and Great Volcanic Explosions!

by Steve Kirby, Geophysicist and Dave Scholl, Scientist Emeritus

- 
- **The Aleutian Islands are discussed with respect to geology, climate change, and the fates of sediments produced by mountain building and glaciation**
 - **These islands, occupied by maritime indigenous cultures known as the Aleuts for 9,000 years, lie over an active crustal subduction zone spawning seven great earthquakes since 1895, resulting in several destructive transoceanic tsunamis**
 - **Over a dozen catastrophic volcanic eruptions have occurred during the time of the Aleuts, forcing cultural separation and differences in Inuit and Aleut languages**
 - **Continued research promises to uncover the Holocene prehistory of such events and aid in future forecasting of mega-earthquake probabilities.**



Background Earth As Art image:
Aleutian Clouds
<http://earthasart.gsfc.nasa.gov/aleutian.html>

Directions to U.S. Geological Survey

The USGS Menlo Park Science Center is located at 345 Middlefield Road in Menlo Park

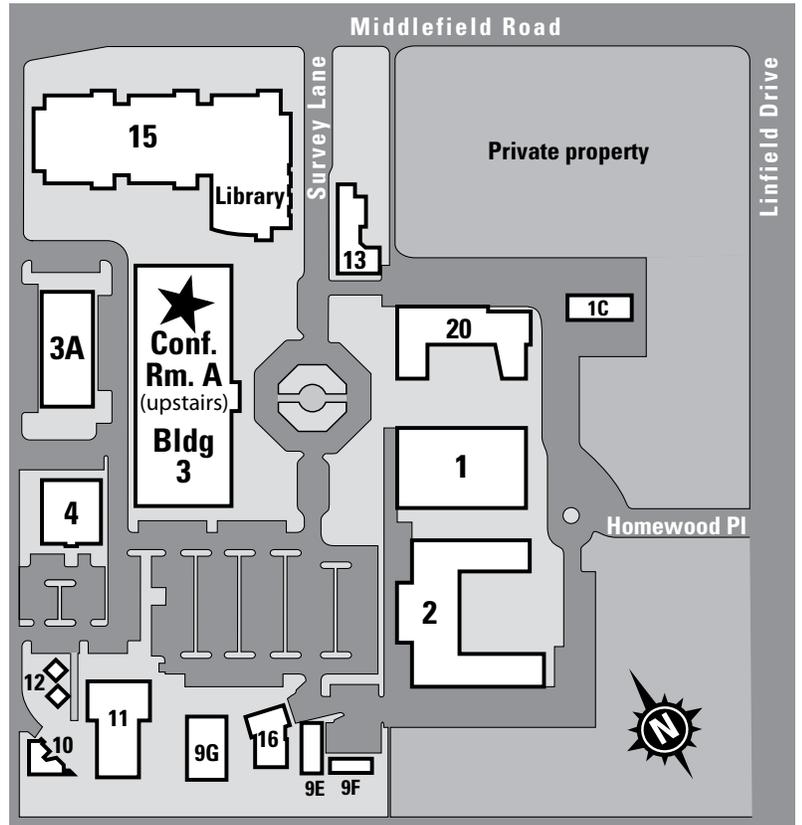
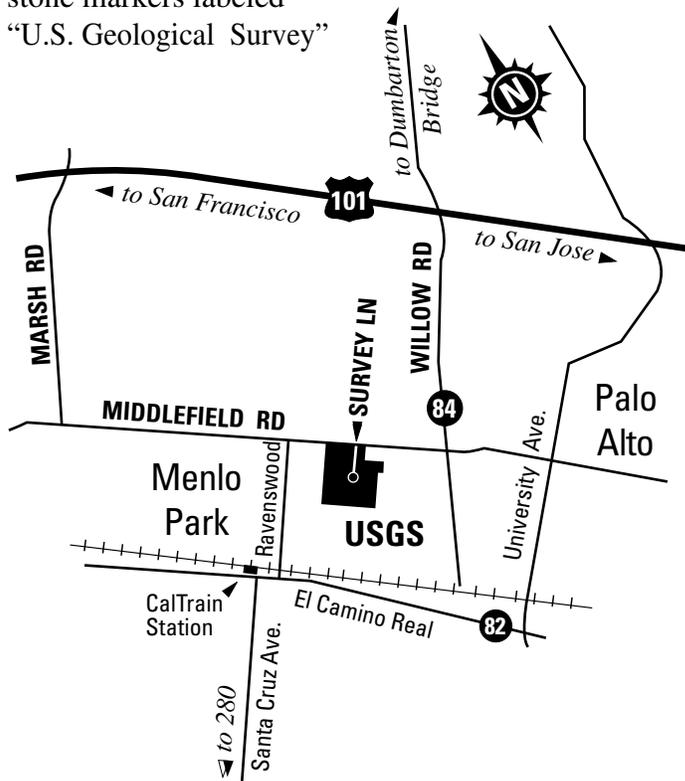
From San Francisco

- Exit highway 101 at Marsh Road, Atherton
- Go west to the T-junction with Middlefield Rd.
- Turn left (south)

From San Jose

- Exit highway 101 at Willow Road, Menlo Park
- Go west to Middlefield Rd.
- Turn right (north)

Enter the USGS campus at Survey Lane with large stone markers labeled “U.S. Geological Survey”



Special Assistance - Please contact us at least two weeks in advance of an event to request assistance. Special needs will be accommodated whenever possible. (650-329-5136)

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