

Tracking Ongoing Kilauea Eruptions



Fissures... Fountains... and Flows

by Hawaiian Volcano Observatory geologist Matthew Patrick

- Spectacular Kilauea eruptions have produced a summit lava lake, roiling for several years, and a flank eruption recently sending lava flows downslope to threaten residential areas
- How do USGS scientists monitor and track subsurface molten rock movement, measure the state of volcanic unrest, and forecast eruptions?
- Hawaiian volcano “plumbing systems” force deep molten magma into subsurface reservoirs, through eruptive fissures, and onto the surface to form large lava flows



Hawaiian Volcano Observatory 2012 Centennial information:
<http://hvo.wr.usgs.gov/>

Directions to U.S. Geological Survey

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

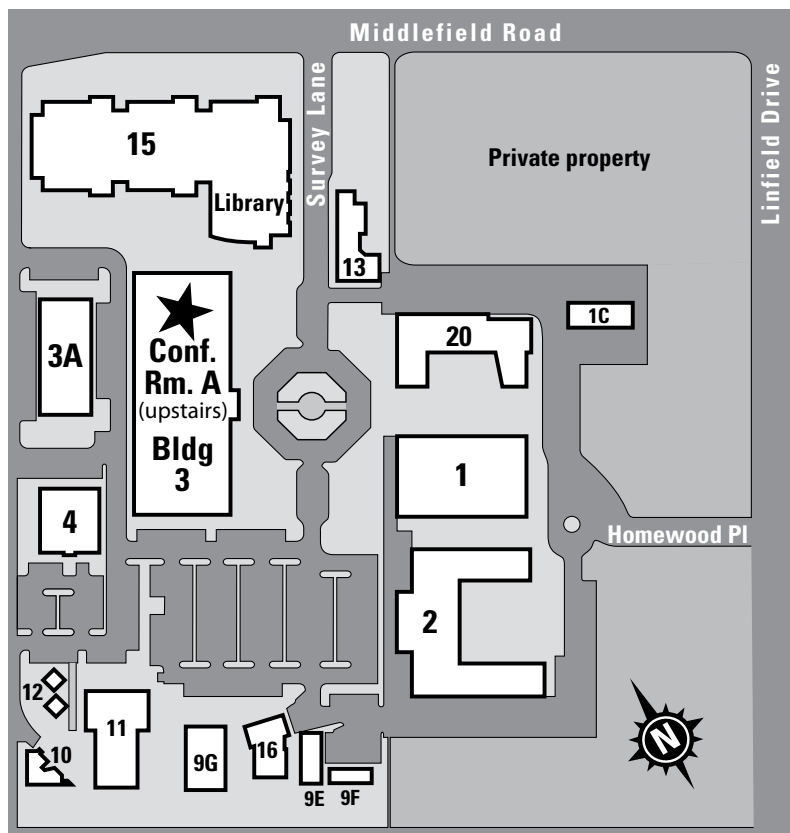
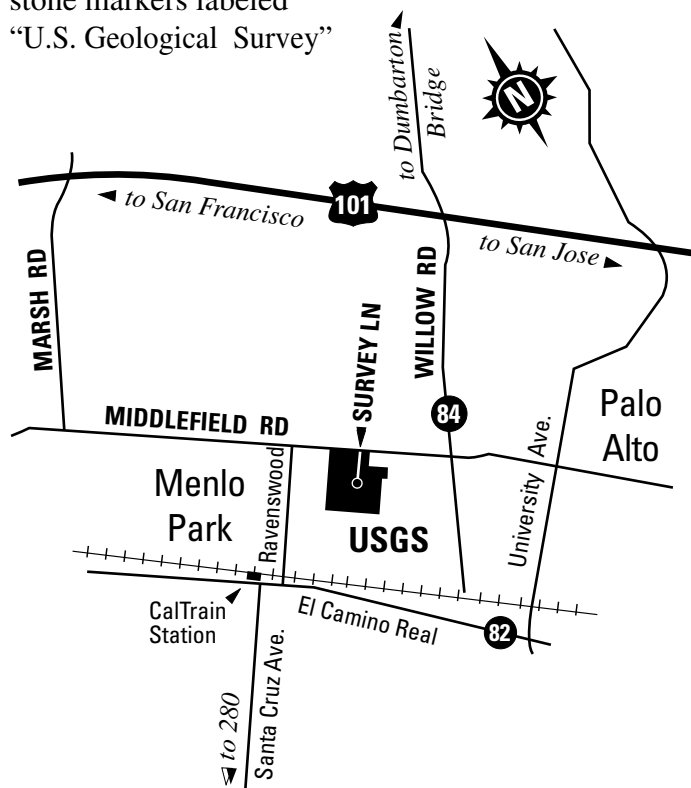
From San Francisco

- 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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