

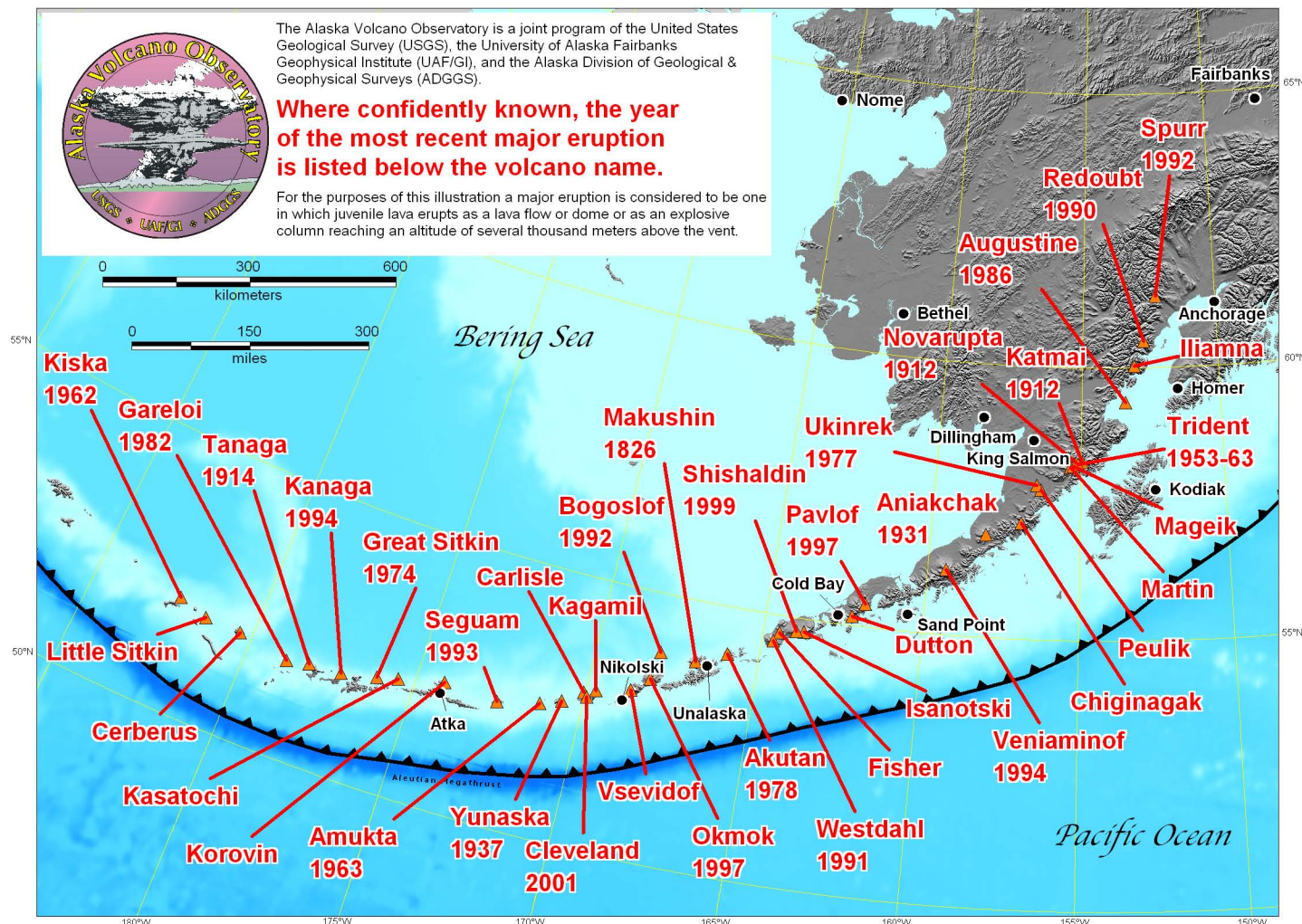
Historically Active Volcanoes of the Aleutian Arc



The Alaska Volcano Observatory is a joint program of the United States Geological Survey (USGS), the University of Alaska Fairbanks Geophysical Institute (UAF/GI), and the Alaska Division of Geological & Geophysical Surveys (ADGGS).

Where confidently known, the year of the most recent major eruption is listed below the volcano name.

For the purposes of this illustration a major eruption is considered to be one in which juvenile lava erupts as a lava flow or dome or as an explosive column reaching an altitude of several thousand meters above the vent.



SOURCES OF DATA

Historically Active Volcanoes

Miller, T. P., McGimsey, R. G., Richter, D. H., Riehl, J. R., Nye, C. J., Yount, M. E., and Dumoulin, J. A., 1998.

Catalog of the historically active volcanoes of Alaska: U.S.G.S. Open-File Report 98-582.

Measured and Estimated Seafloor Topography

by David T. Sandwell, Walter H.F. Smith, Stuart M. Smith, and Christopher Small (http://topex.ucsd.edu/marine_topo/mar_topo.html)

Data Reference: Smith, W.H.F., and Sandwell, D.T., 1977, Global seafloor topography from satellite altimetry and ship depth soundings: Science, v. 277, p. 1957-1962.

Shaded relief image of Alaska

Riehl, J.R., Fleming, M.D., Mohia, B.F., Dover, J.H., Kelley, J.S., Miller, M.L., Platner, George, Till, A.B., 1997, Shaded relief image of Alaska: U.S.G.S., Miscellaneous Investigations Series, MI-2685.

The full size (28" x 38") original copy of this map can be purchased from the
State of Alaska Division of Geological & Geophysical Surveys (ADGGS)

794 University Ave., Suite 200
Fairbanks, AK, 99709-3645

907-451-5010 (phone)
907-451-5050 (FAX)

dggs@dnr.state.ak.us (email)
<http://www.dggs.dnr.state.ak.us>