



m represents magnitude (m_b , body-wave magnitude, or, M_s , surface-wave magnitude).
h represents hypocentral location, or depth-of-focus in kilometers.

SEISMICITY OF ALASKA AND THE ALEUTIAN ISLANDS, 1960-1983

By
A. F. Espinosa

1:12,500,000

Modified-Stereographic Conformal Projection
1984

Volcanic Activity
(Holocene Time)

The Modified-Stereographic Conformal Projection is conformal with a scale distortion of less than 0.1% for Alaska including all islands in adjacent waters. 1 cm=25.34 km. The "center point" for this projection is at 64° N, 152° W.

Reference
Snyder, J. P., 1984. A low-error conformal map projection for the 50 States. *Am. Cartographer*, v. 11, no. 1, p. 27-39.

These maps are preliminary and have not been reviewed for conformity with U.S. Geological Survey editorial standards and nomenclature. Boundaries shown on this map should not be regarded as having official significance.

Map for sale by: U.S. Geological Survey
925
Denver, CO 80225

Epicenter locations were calculated using the Jeffreys-Bullen Travel Time Tables from January 1, 1960 through December 31, 1983. The hypocentral data displayed on these maps were calculated from the observations of 10 or more stations which were reported by the U.S. Geological Survey National Earthquake Information Center, the Lamont-Doherty Geological Observatory of Columbia University, the California Institute of Technology, the Seismological Laboratory of the University of California at Berkeley and the Institute of Physics of the Earth of the Academy of Sciences, U.S.S.R.

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