



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

hypocentral 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 Soviet Geology Geological Observations of Columbia University, the California Institute of Technology, the Seismological Laboratory of the University of California at Berkeley and the Institute of Physics at the Earth of the Academy of Sciences, U.S.S.R.

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The Modified-Stereographic Conformal Projection is conformal with a scale distortion of less than ±1% for Alaska including all islands in adjacent waters. 1 cm=25.34 km. The center point for this projection is at 64°N, 157°W.

Reference: Snyder, J. P., 1984. A lower 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.

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