



INFORMATION RELEASE



ALASKA EARTHQUAKE INFORMATION CENTER

October 22, 2002
4:51 pm

The Alaska Earthquake Information Center located a minor earthquake that occurred on Tuesday, October 22nd at 4:28 PM AKDT in the Cook Inlet region of Alaska. This earthquake had a preliminary magnitude of 3.4 and was located at a depth of about 22 miles (36 km). The magnitude and location may change slightly as additional data are received and processed. This event was felt in Palmer, Chugiak and Anchorage. However, no reports of damage have been received at this time.

Distance to nearby locations:

- 13 km (8 miles) NW of Wasilla
- 21 km (13 miles) SW of Hatcher Pass
- 24 km (15 miles) ESE of Willow
- 28 km (18 miles) WNW of Palmer
- 31 km (19 miles) NNW of Chugiak
- 38 km (24 miles) N of Eagle River
- 39 km (24 miles) W of Sutton
- 45 km (28 miles) N of Fort Richardson

Preliminary earthquake parameters:

Origin Time (UT): 10/23/2002 00:28:30
 Latitude: 61 N 39'
 Longitude: 149 W 37'
 Depth: 36 km
 Magnitude: ML 3.4

Location of Earthquake



Circles are 111 km (70 miles) apart.

The location and magnitude for this earthquake may be updated as data from additional seismic stations are received. The Alaska Earthquake Information Center will continue to gather data and may issue additional releases as appropriate. With any moderate or large earthquake, aftershocks should be expected to occur.

For more information contact:

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The Alaska Earthquake Information Center (AEIC) monitors earthquakes in Alaska and provides earthquake information to the citizens and public officials of Alaska. The Center is a cooperative program of the Geophysical Institute of the University of Alaska and the U.S. Geological Survey and is located at the Geophysical Institute in Fairbanks with the Alaska State Seismologist's Office.

Additional information may be obtained from: AEIC, Geophysical Institute, Fairbanks, AK, 99775-7320 Ph: (907) 474-7320
 FAX: (907) 474-5618 WEB: <http://www.aeic.alaska.edu> ; OR USGS National Earthquake Information Center, Denver, CO.
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