



## INFORMATION RELEASE

### ALASKA EARTHQUAKE INFORMATION CENTER



December 21, 2004  
12:23 pm

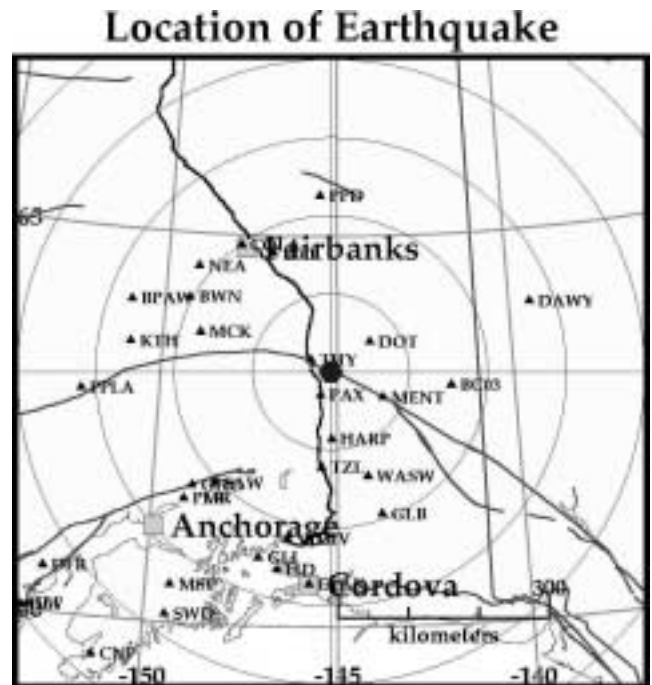
The Alaska Earthquake Information Center located a minor earthquake that occurred on Tuesday, December 21st at 12:01 PM AKST in the east-central region of Alaska. This earthquake had a preliminary magnitude of 3.9 and was located at a depth of about 3 miles (5 km). The magnitude and location may change slightly as additional data are received and processed. No reports of this event being felt or causing damage have been received at this time.

#### Distance to nearby locations:

- 30 km ( 19 miles) NNE of Paxson
- 34 km ( 21 miles) ESE of Pump Station #10
- 79 km ( 49 miles) SSE of Pump Station #9
- 85 km ( 53 miles) SSE of Fort Greely
- 88 km ( 55 miles) NW of Slana
- 90 km ( 56 miles) SSE of Delta Junction
- 108 km ( 67 miles) N of Gakona
- 110 km ( 69 miles) W of Tok

#### Preliminary earthquake parameters:

Origin Time (UT): 12/21/2004 21:01:36  
Latitude: 63 N 16'  
Longitude: 145 W 11'  
Depth: 5 km  
Magnitude: ML 3.9



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:

Roger Hansen  
State Seismologist  
Geophysical Institute  
907-474-5533  
roger@giseis.alaska.edu

Natasha Ratchkovski  
Seismologist  
Geophysical Institute  
907-474-7472  
natasha@giseis.alaska.edu

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.  
Ph: (303) 273-8500 FAX: (303) 273-8450



**INFORMATION RELEASE**  
**ALASKA EARTHQUAKE INFORMATION CENTER**

---



*(Continued)*