



# INFORMATION RELEASE



## ALASKA EARTHQUAKE INFORMATION CENTER

December 21, 2004

8:44 am

The Alaska Earthquake Information Center located a moderate earthquake that occurred on Tuesday, December 21st at 8:21 AM AKST in the Prince William Sound region of Alaska. This earthquake had a preliminary magnitude of 5.1 and was located at a depth of about 1 miles (1 km). The magnitude and location may change slightly as additional data are received and processed. This event was felt in Anchorage. No reports of this event causing damage have been received at this time.

### Distance to nearby locations:

- 48 km ( 30 miles) NNE of Chenega Bay
- 66 km ( 41 miles) SW of Tatitlek
- 72 km ( 45 miles) ESE of Whittier
- 99 km ( 62 miles) W of Cordova
- 100 km ( 62 miles) E of Moose Pass
- 100 km ( 62 miles) SW of Valdez
- 103 km ( 65 miles) ESE of Girdwood
- 111 km ( 69 miles) ENE of Seward

### Preliminary earthquake parameters:

Origin Time (UT): 12/21/2004 17:21:09  
 Latitude: 60 N 27'  
 Longitude: 147 W 33'  
 Depth: 1 km  
 Magnitude: ML 5.0 (NEIC);

### 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:

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



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