



# INFORMATION RELEASE



## ALASKA EARTHQUAKE INFORMATION CENTER

October 4, 2009

4:47 am

The Alaska Earthquake Information Center located a light earthquake that occurred on Sunday, October 4th at 3:22 AM AKDT in the Cook Inlet region of Alaska. This earthquake had a preliminary magnitude of 4.0 and was located at a depth of about 61 miles (97 km). The magnitude and location may change slightly as additional data are received and processed. It was felt in Anchorage and Palmer. No reports of damage have been received at this time.

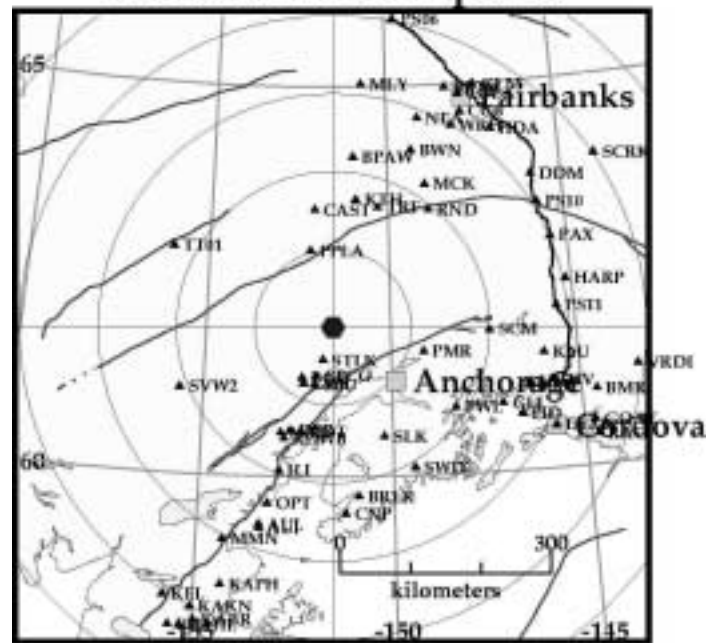
### Distance to nearby locations:

- 21 km ( 13 miles) WSW of Skwentna
- 82 km ( 52 miles) WNW of Willow
- 88 km ( 55 miles) WSW of Talkeetna
- 97 km ( 61 miles) NNW of Tyonek
- 117 km ( 73 miles) NW of Anchorage
- 118 km ( 74 miles) WNW of Wasilla
- 119 km ( 75 miles) W of Hatcher Pass
- 119 km ( 75 miles) NW of Elmendorf AFB

### Preliminary earthquake parameters:

Origin Time (UT): 10/04/2009 11:22:44  
 Latitude: 61 N 55'  
 Longitude: 151 W 34'  
 Depth: 97 km  
 Magnitude: ML 4.0

### 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  
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 OR USGS National Earthquake Information Center, Denver, CO. Ph: (303) 273-8500; Fax: (303) 273-8450