The Alaska Earthquake Information Center located a minor earthquake that occurred on Wednesday, February 16th at 4:57 PM AKST in the Cook Inlet region of Alaska. This earthquake had a preliminary magnitude of 3.8 and was located at a depth of about 18 miles (30 km). The magnitude and location may change slightly as additional data are received and processed. This earthquake was felt in Anchorage and is an aftershock of the ML4.7 02/16/2005 18:35:23 earthquake. No reports of damage have been received at this time.

Distance to nearby locations:

- 8 km ( 5 miles) NNW of Elmendorf AFB
- 11 km ( 7 miles) NW of Fort Richardson
- 12 km ( 7 miles) NNE of Anchorage
- 15 km ( 9 miles) W of Eagle River
- 21 km (13 miles) WSW of Chugiak
- 36 km (23 miles) SW of Wasilla
- 46 km (29 miles) NNW of Hope
- 48 km (30 miles) SSE of Willow

Preliminary earthquake parameters:

- Origin Time (UT): 02/17/2005 01:57:00
- Latitude: 61 N 19'
- Longitude: 149 W 51'
- Depth: 30 km
- Magnitude: ML 3.8

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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