



## INFORMATION RELEASE



### ALASKA EARTHQUAKE INFORMATION CENTER

October 19, 2005

4:46 pm

The Alaska Earthquake Information Center located a light earthquake that occurred on Wednesday, October 19th at 4:29 PM AKDT in the Unimak Island region of Alaska. This earthquake had a preliminary magnitude of 4.1 and was located at a depth of about 4 miles (6 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.

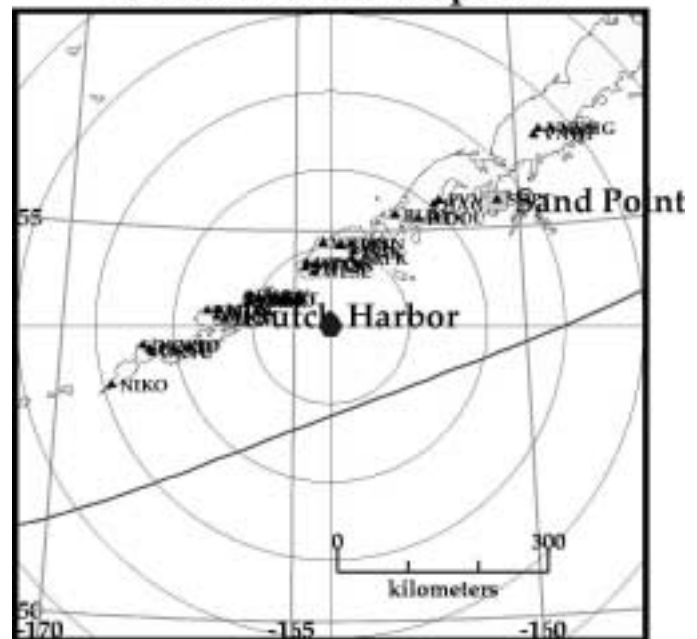
#### Distance to nearby locations:

108 km ( 68 miles) ESE of Akutan  
129 km ( 81 miles) SSW of False Pass  
151 km ( 95 miles) E of Dutch Harbor  
152 km ( 95 miles) E of Unalaska  
183 km ( 114 miles) SSW of Cold Bay  
188 km ( 117 miles) SW of King Cove  
296 km ( 185 miles) SW of Sand Point  
313 km ( 195 miles) SW of Nelson Lagoon

#### Preliminary earthquake parameters:

Origin Time (UT): 10/20/2005 00:29:46  
Latitude: 53 N 47'  
Longitude: 164 W 13'  
Depth: 6 km  
Magnitude: ML 4.1

#### 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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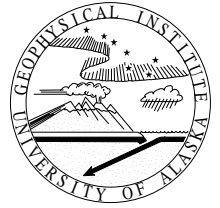
Natasha Ruppert  
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The Alaska Earthquake Information Center (AEIC) monitors earthquakes in Alaska and provides earthquake information to the citizens and public officials of Alaska. The Center is a cooperative program of the Geophysical Institute of 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.  
Ph: (303) 273-8500 FAX: (303) 273-8450



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