



## INFORMATION RELEASE



### ALASKA EARTHQUAKE INFORMATION CENTER

October 17, 2009

12:28 am

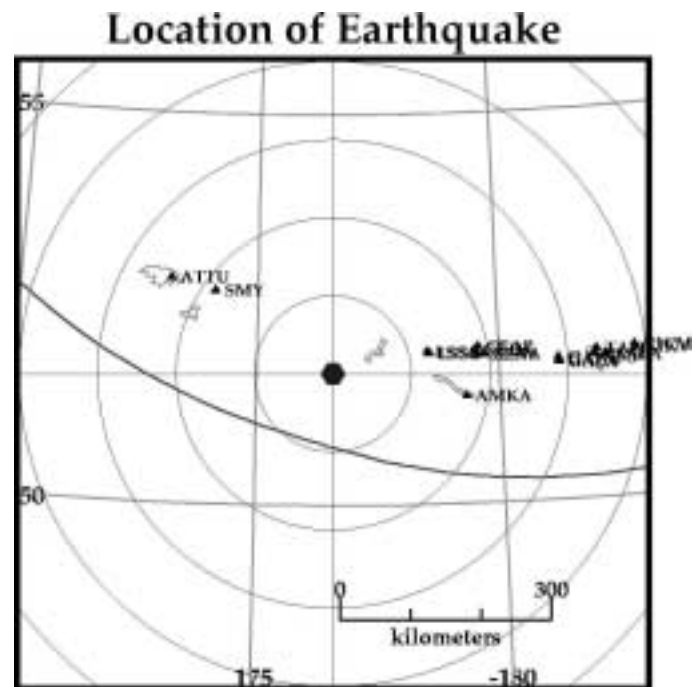
The Alaska Earthquake Information Center located a light earthquake that occurred on Friday, October 16th at 9:23 PM AKDT in the Rat Islands region of Alaska. This earthquake had a preliminary magnitude of 4.5 and was located at a depth of about 5 miles (8 km). The magnitude and location may change slightly 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:

86 km ( 54 miles) SSE of Buldir Is  
168 km ( 105 miles) W of Amchitka  
202 km ( 126 miles) ESE of Shemya  
266 km ( 166 miles) ESE of Attu  
466 km ( 291 miles) W of Adak  
635 km ( 397 miles) W of Atka  
784 km ( 490 miles) ESE of Bering Is, Komandorsky  
785 km ( 490 miles) W of Amukta Pass

Preliminary earthquake parameters:

Origin Time (UT): 10/17/2009 05:23:07  
Latitude: 51 N 41'  
Longitude: 176 E 34'  
Depth: 8 km  
Magnitude: mb (NEIC) 4.5



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  
Ph: (907) 474-7320; Fax: (907) 474-5618; Internet: <http://www.aeic.alaska.edu>  
OR USGS National Earthquake Information Center, Denver, CO. Ph: (303) 273-8500; Fax: (303) 273-8450