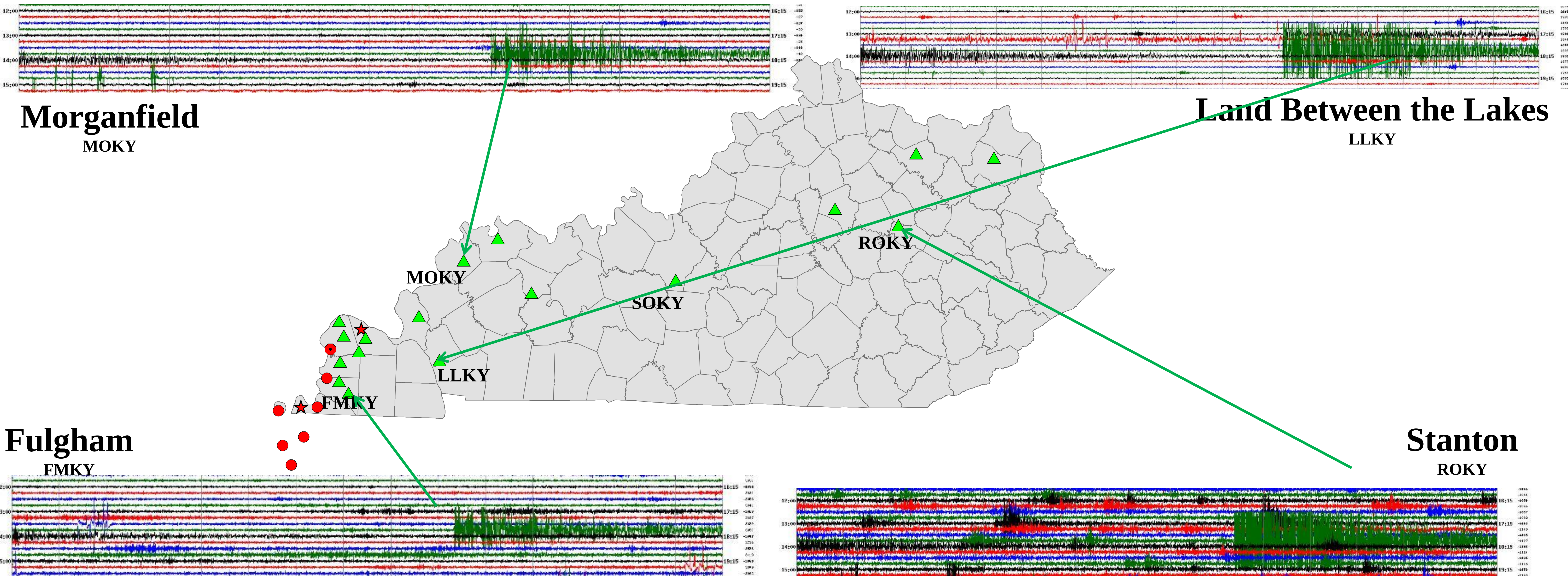


August 24,2011 Northern Peru earthquake (M 7.0)

17:46:11 UTC / 1:46:11 EDT

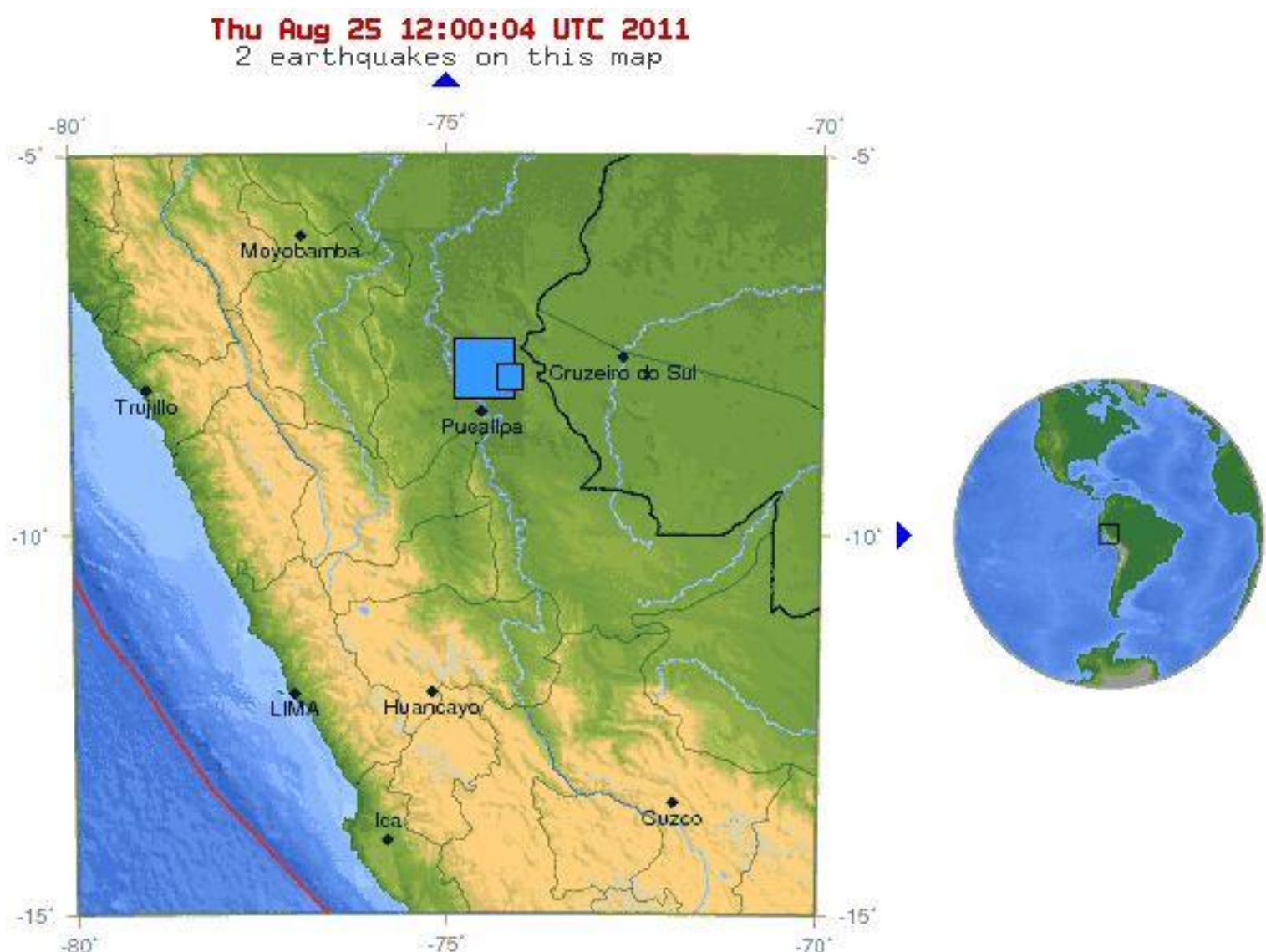
University of Kentucky – Kentucky Geological Survey Kentucky Seismic and Strong-Motion Network



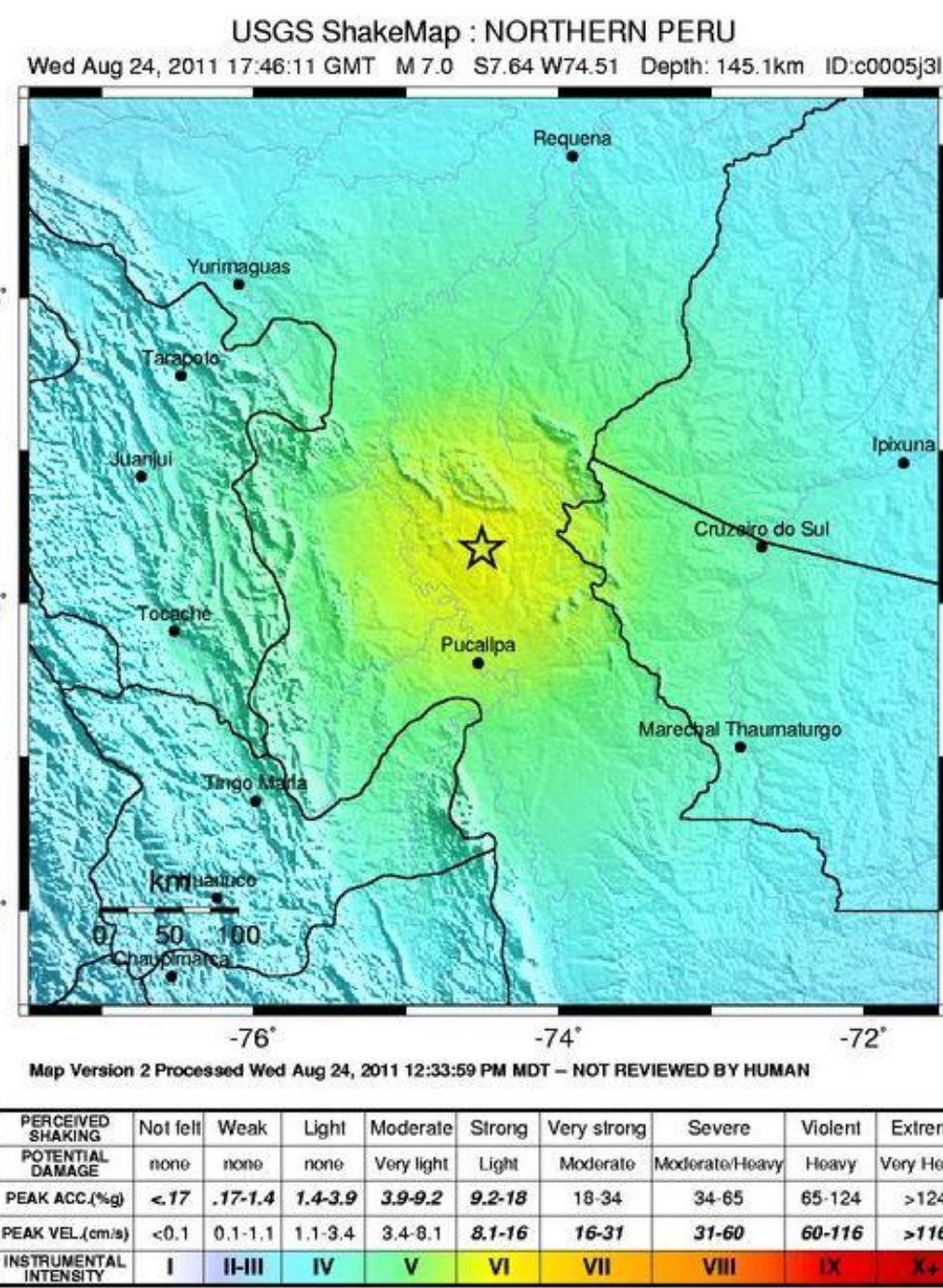
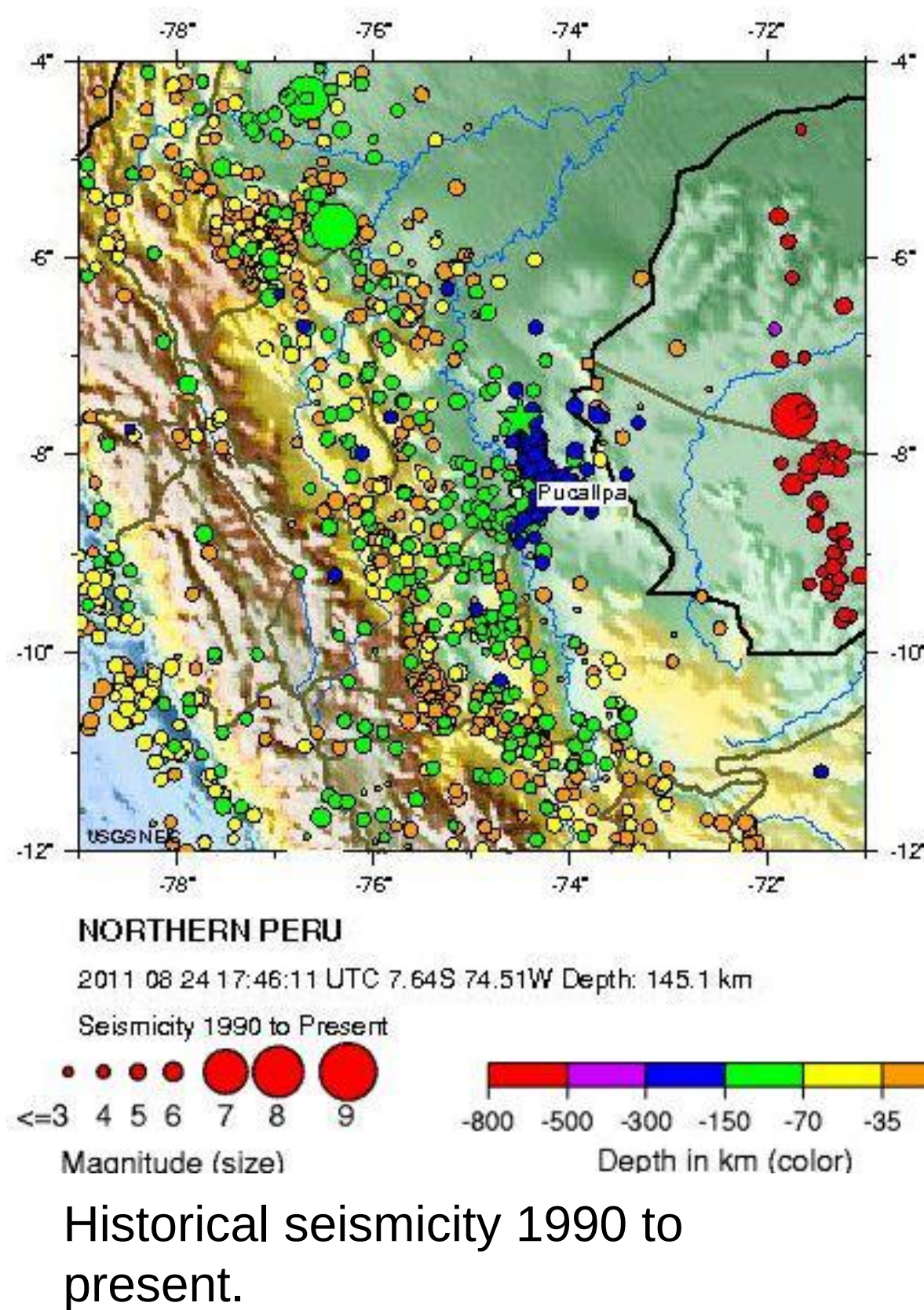
Earthquake Details

This event has been reviewed by a seismologist.

Magnitude	7.0
Date/Time	Wednesday, August 24, 2011 at 17:46:11 UTC Wednesday, August 24, 2011 at 12:46:11 PM at epicenter Time of Earthquake in other Time Zones
Location	7.644°S, 74.506°W
Depth	145.1 km (90.2 miles)
Region	NORTHERN PERU
Distances	82 km (50 miles) N of Pucallpa, Peru 210 km (130 miles) W of Cruzeiro do Sul, Acre, Brazil 315 km (195 miles) NE of Huanuco, Peru 567 km (352 miles) NNE of LIMA, Peru
Location Uncertainty	horizontal +/- 18.2 km (11.3 miles); depth +/- 12 km (7.5 miles)
Parameters	NST=183, Nph=184, Dmin=544.6 km, Rmss=0.89 sec, Gp= 47°, M-type=teleseismic moment magnitude (Mw), Version=7
Source	Magnitude: USGS NEIC (WDCS-D) Location: USGS NEIC (WDCS-D)



Location map showing main quake an 1 aftershock (M 5.3)
Purple line is tectonic converging boundary (subduction zone)



Shake map