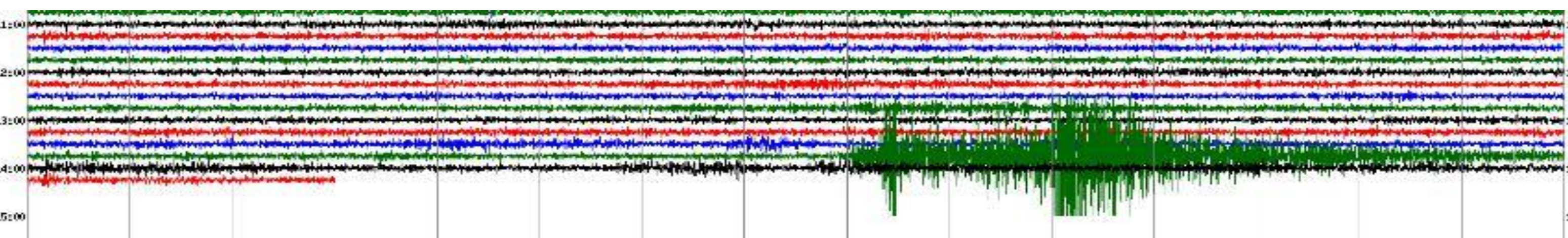


August 23,2011 Virginia earthquake (M 5.8)

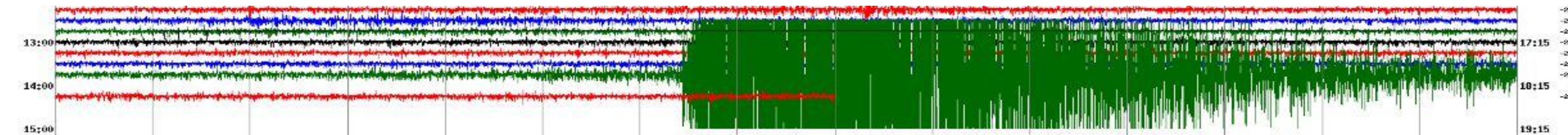
17:51:03 UTC / 01:51:03 EDT

University of Kentucky – Kentucky Geological Survey

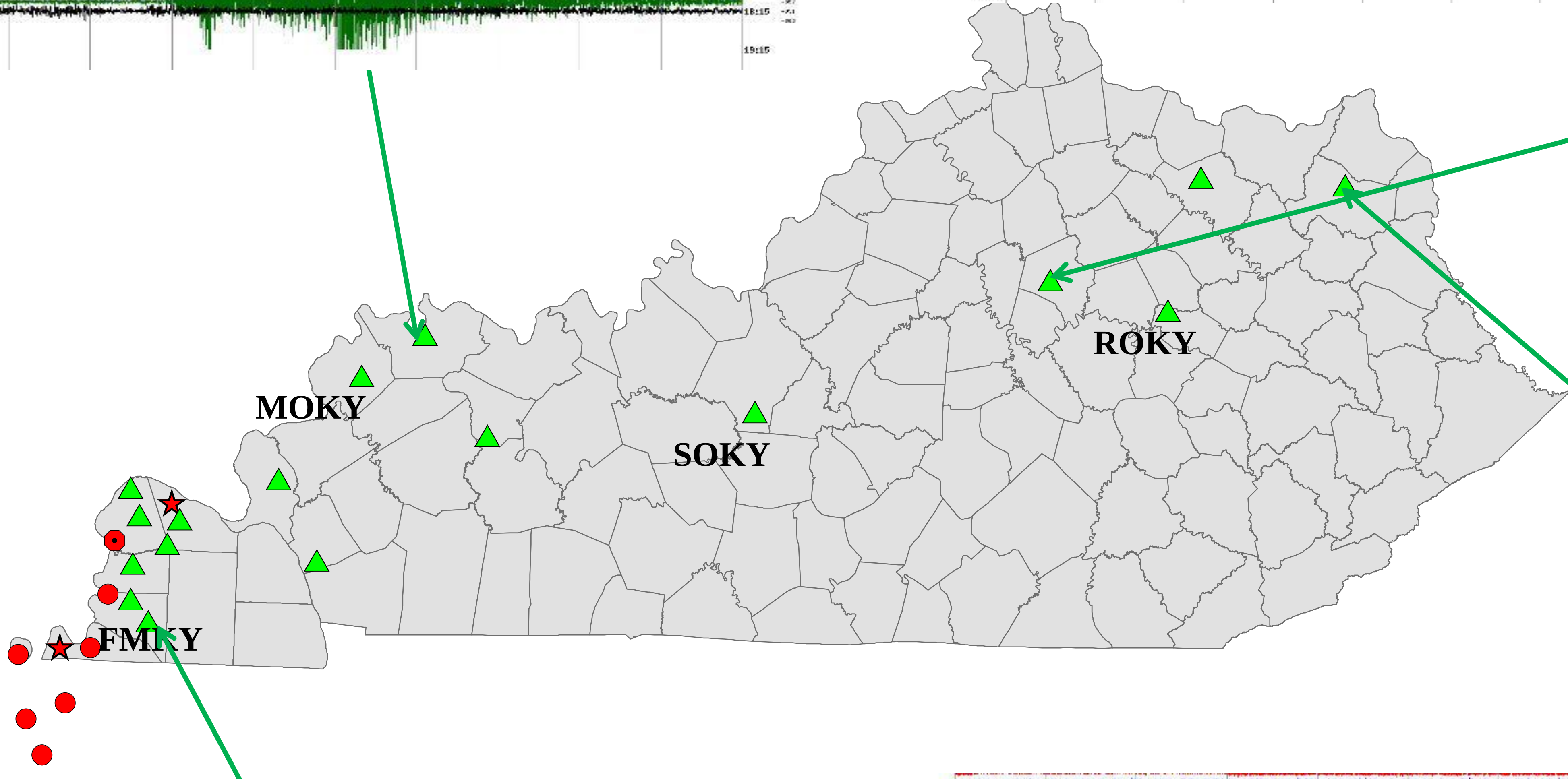
Kentucky Seismic and Strong-Motion Network



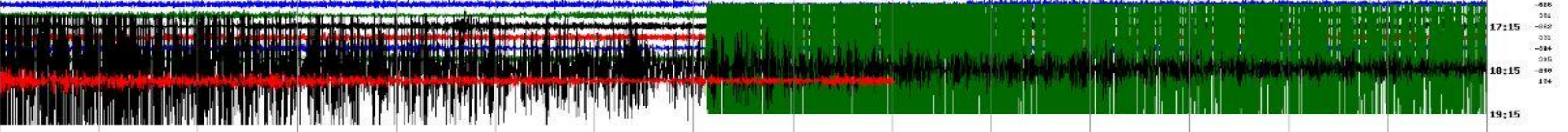
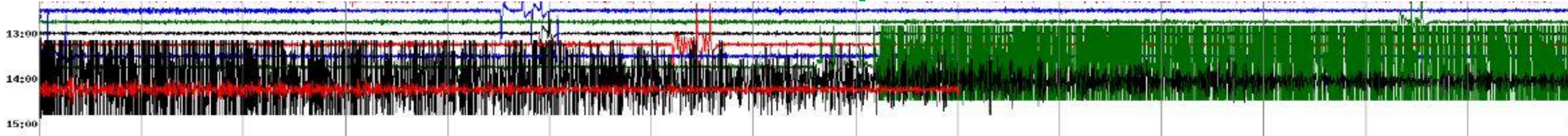
Henderson
HEKY



Lexington
BHKY

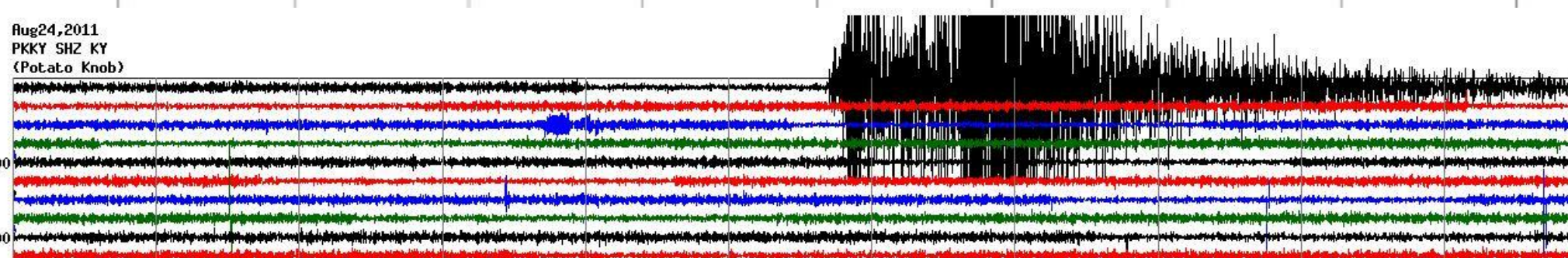


Fulham
FMKY



Grayson
PKKY

Aftershock 8:04pm EDT, M 4.2



Earthquake Details	
This event has been reviewed by a seismologist.	
Magnitude	5.8
Date-Time	Tuesday, August 23, 2011 at 17:51:04 UTC Tuesday, August 23, 2011 at 01:51:04 PM at epicenter Time of Earthquake in other Time Zones
Location	37.944°N, 77.942°W
Depth	6 km (3.7 miles)
Region	VIRGINIA
Distances	45 km (27 miles) E of Charlottesville, Virginia 55 km (34 miles) SW of Fredericksburg, Virginia 64 km (39 miles) NW of RICHMOND, Virginia 82 km (50 miles) NNE of Farmville, Virginia
Location Uncertainty	horizontal +/- 9.7 km (6.0 miles); depth +/- 2.6 km (1.6 miles)
Parameters	NST=564, Nph=564, Dmin=54.5 km, Rmss=1.11 sec, Gp= 18°, M-type="moment" magnitude from initial P wave (tsuoi method) (Mi/Mwp), Version=8
Source	Magnitude: USGS NEIC (WDCS-D) Location: USGS NEIC (WDCS-D)

