

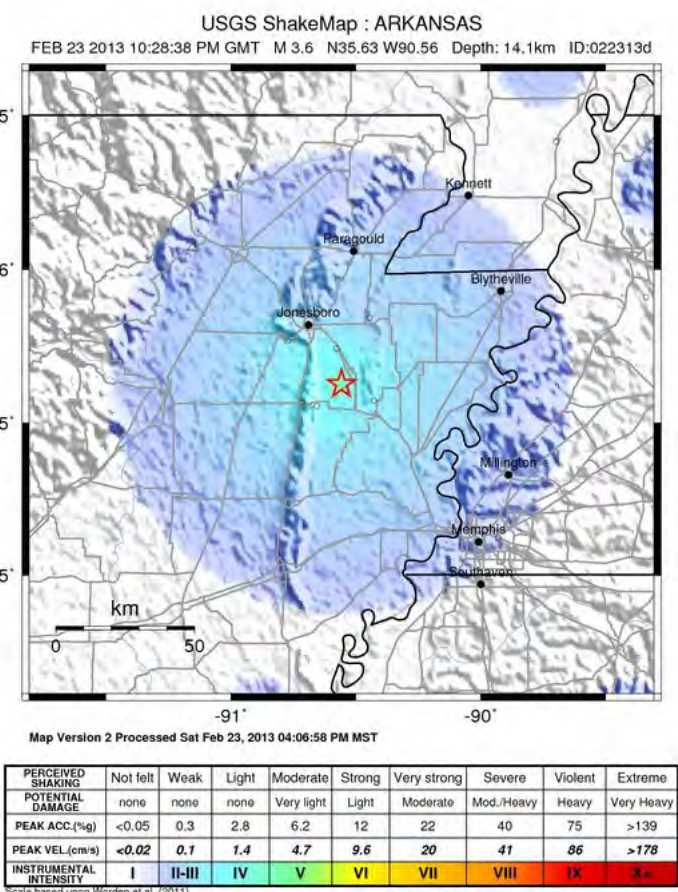
February 23, 2013 E. Arkansas earthquake (M 3.6)

22:28:38 UTC / 17:28:38 UTC

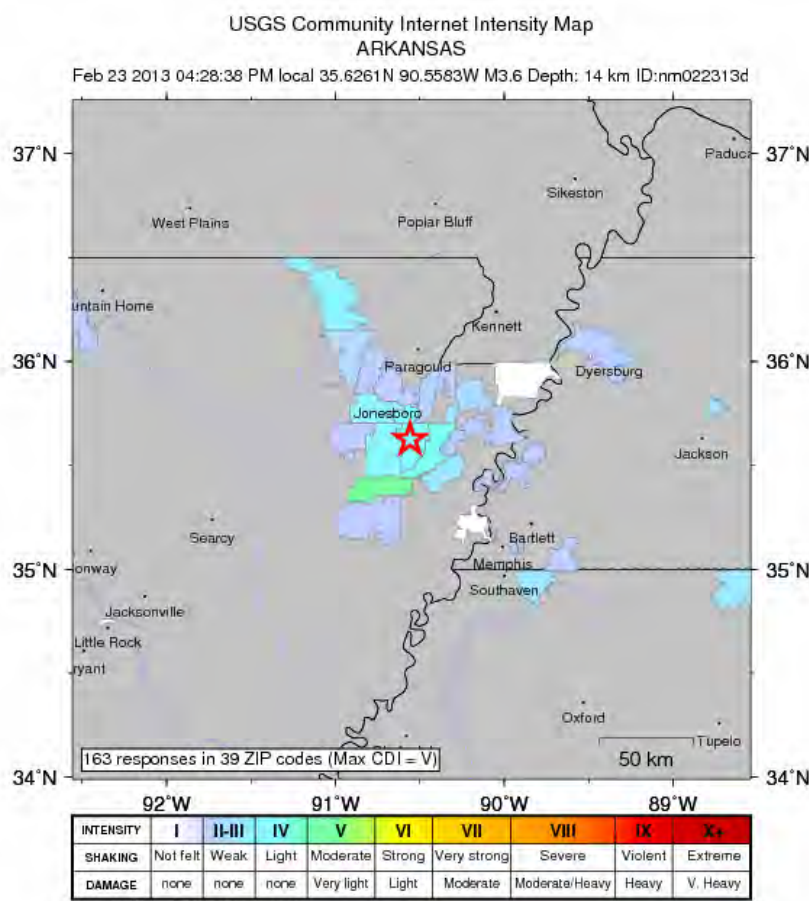
University of Kentucky

Kentucky Seismic and Strong Motion Network

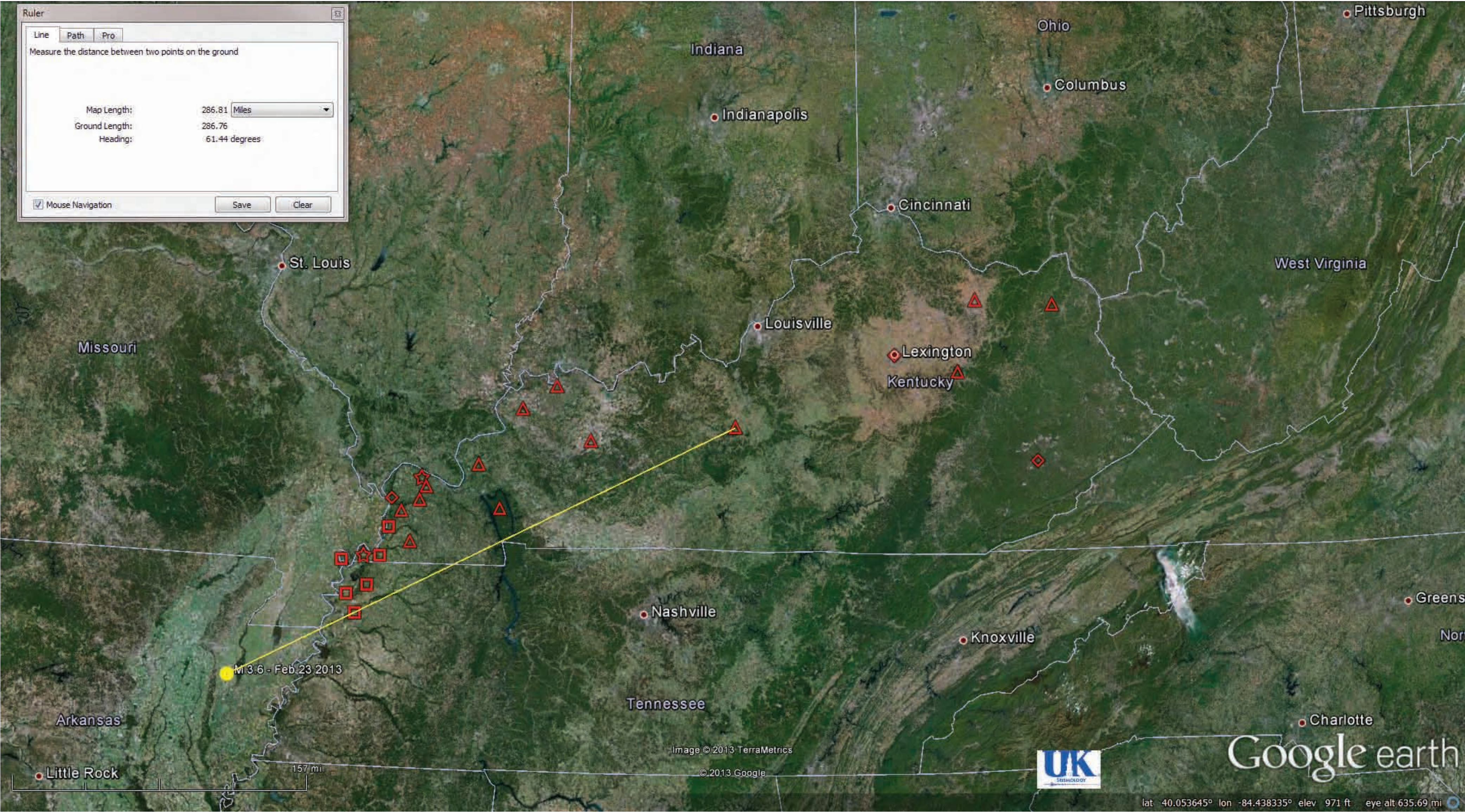
USGS Shake Map



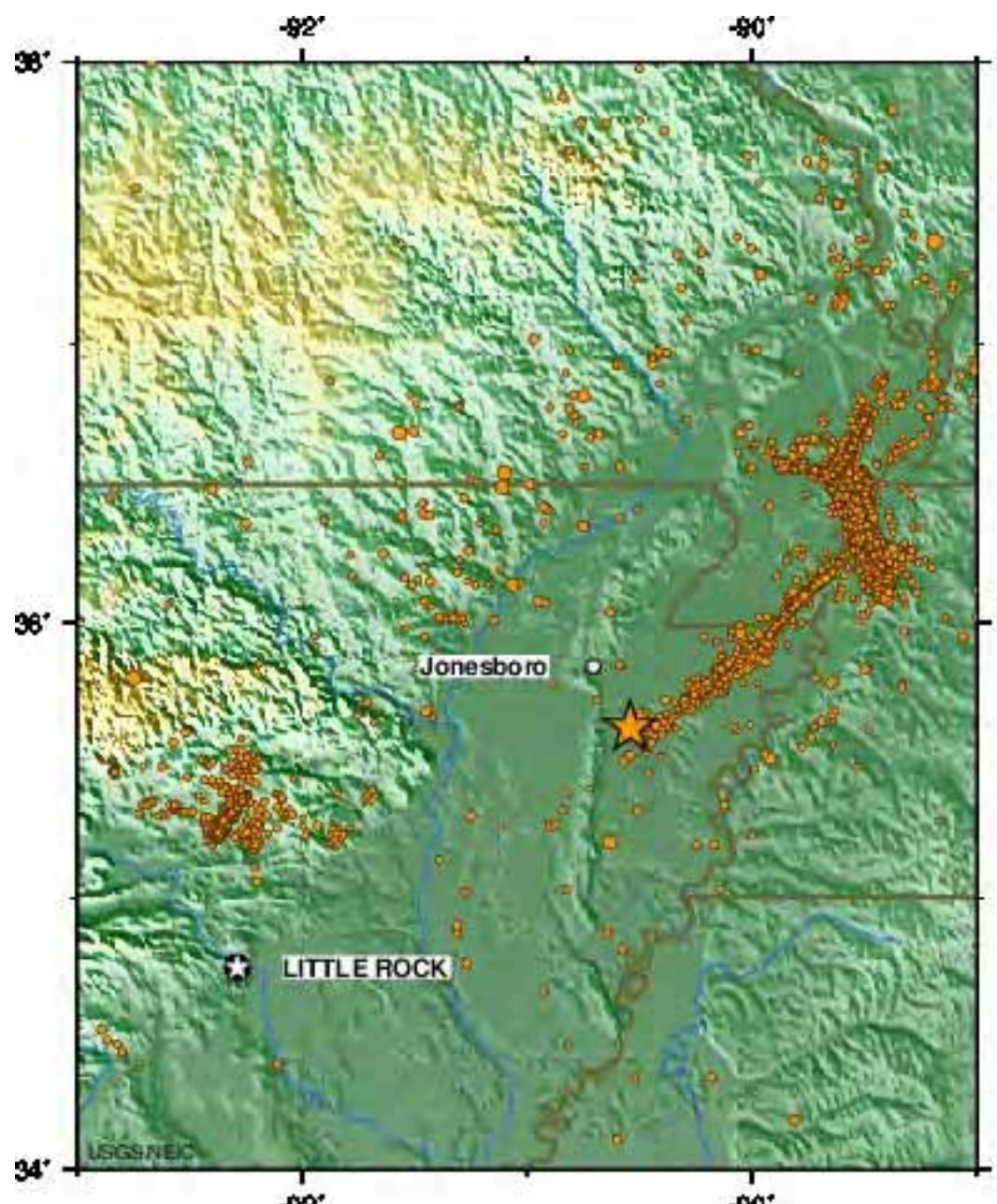
USGS Felt Reports



Maps courtesy of USGS NEIC:
<http://earthquake.usgs.gov/earthquakes/eventpage/nm022313d>



Historical Seismicity since 1990

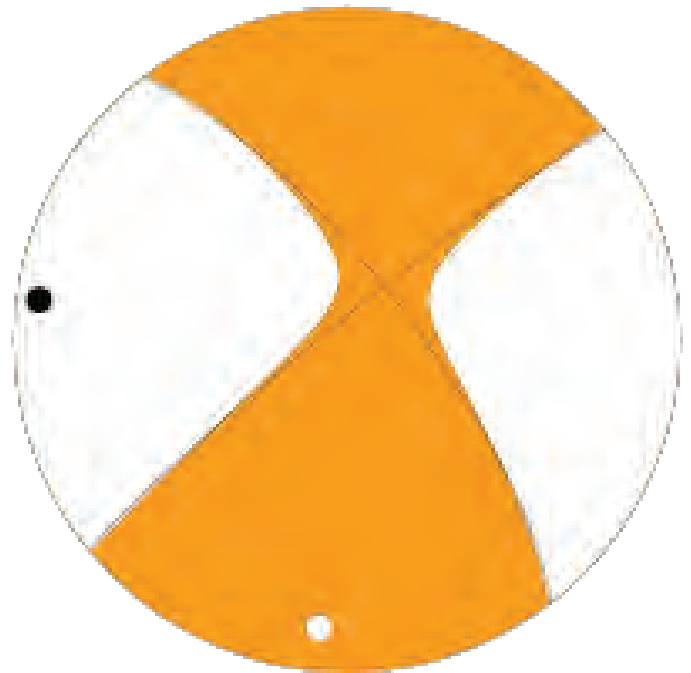


ARKANSAS
2013 02 23 22:28:37 UTC 35.62N 90.54W Depth: 5.1 km
Seismicity 1990 to Present

Maps courtesy of USGS NEIC:
<http://earthquake.usgs.gov/earthquakes/eventpage/nm022313d>

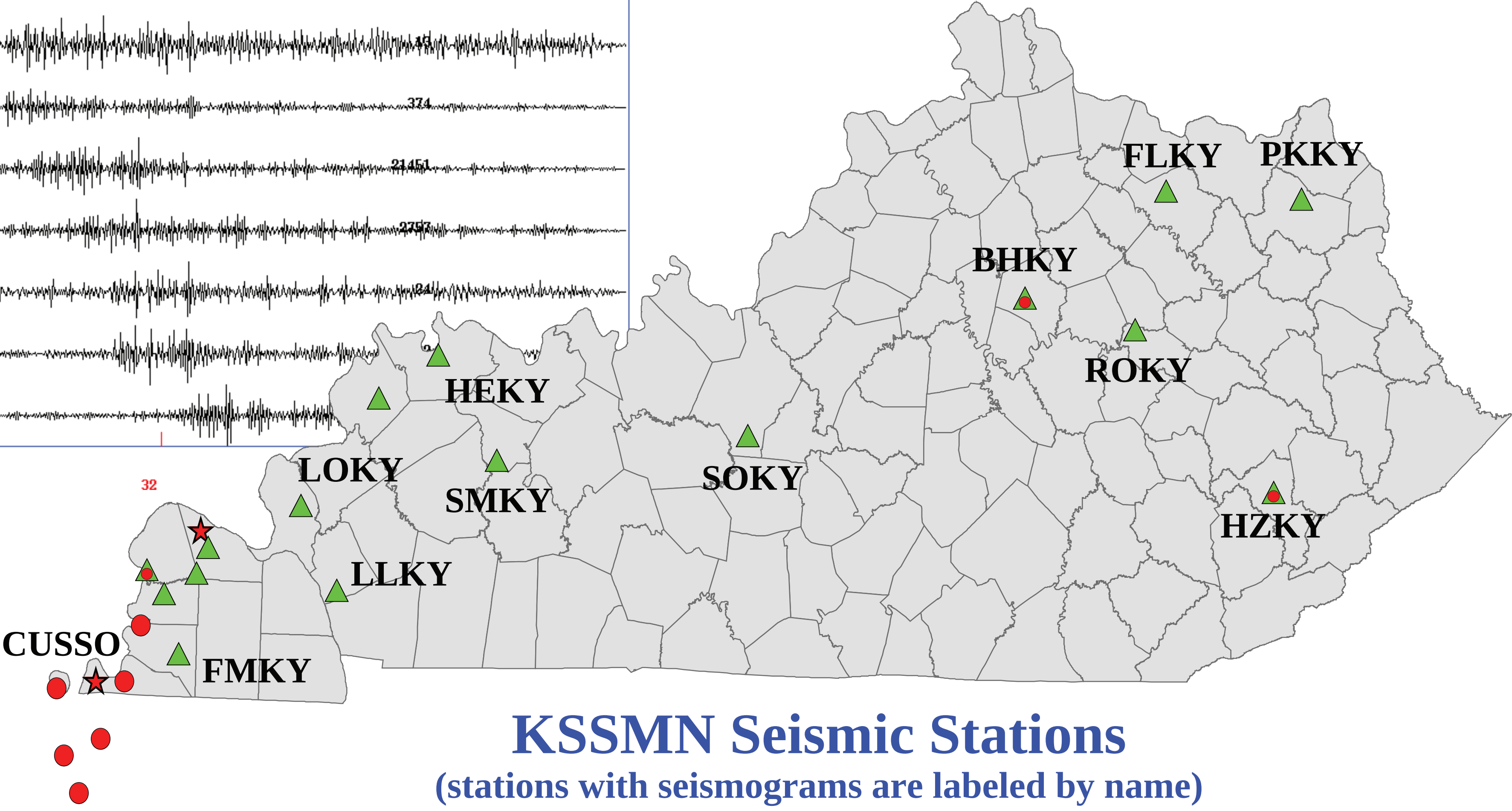
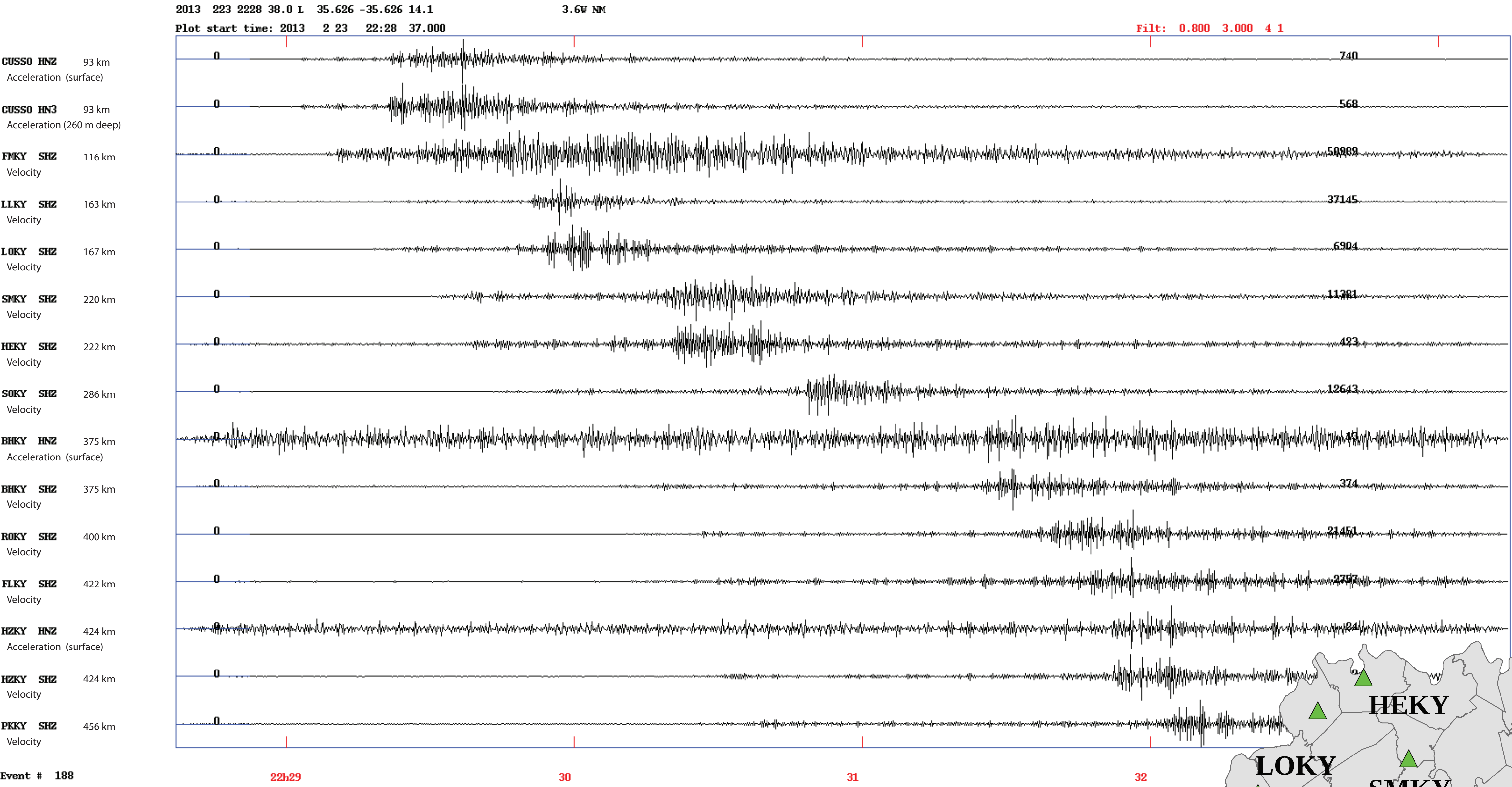
USGS/SLU Source Mechanism

Epicenter: 35.626 -90.558
MW 3.6
USGS/SLU REGIONAL MOMENT TENSOR
Depth 12 No. of sta: 10
Moment Tensor; Scale 10¹⁴ Nm
Mrr= 0.29 Mtt= 3.37
Mpp= 3.65 Mrt= -0.89
Mrp= 0.42 Mtp= -0.82
Principal axes:
T Val= 3.67 Plg=14 Azm=186
N 0.15 74 34
P -3.82 7 277
Best Double Couple: Mo=3.8*10¹⁴
NP1: Strike=231 Dip=85 Slip= 165
NP2: 322 75 5



(Right-lateral strike-slip faulting on the NE-SW-trending SW Segment of the New Madrid Seismic Zone.)

KSSMN Seismograms (ordered by distance)



KSSMN Seismic Stations (stations with seismograms are labeled by name)