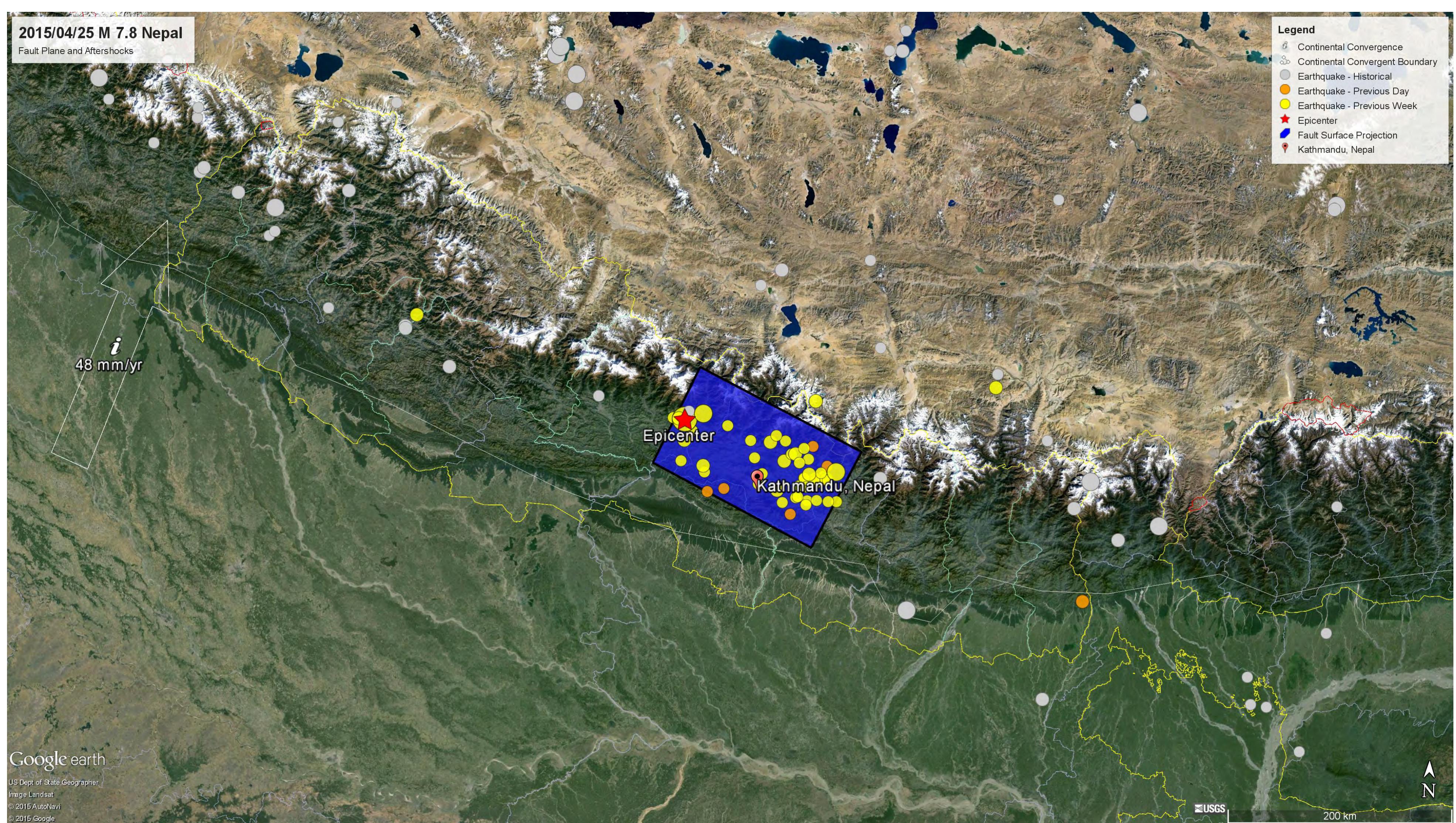
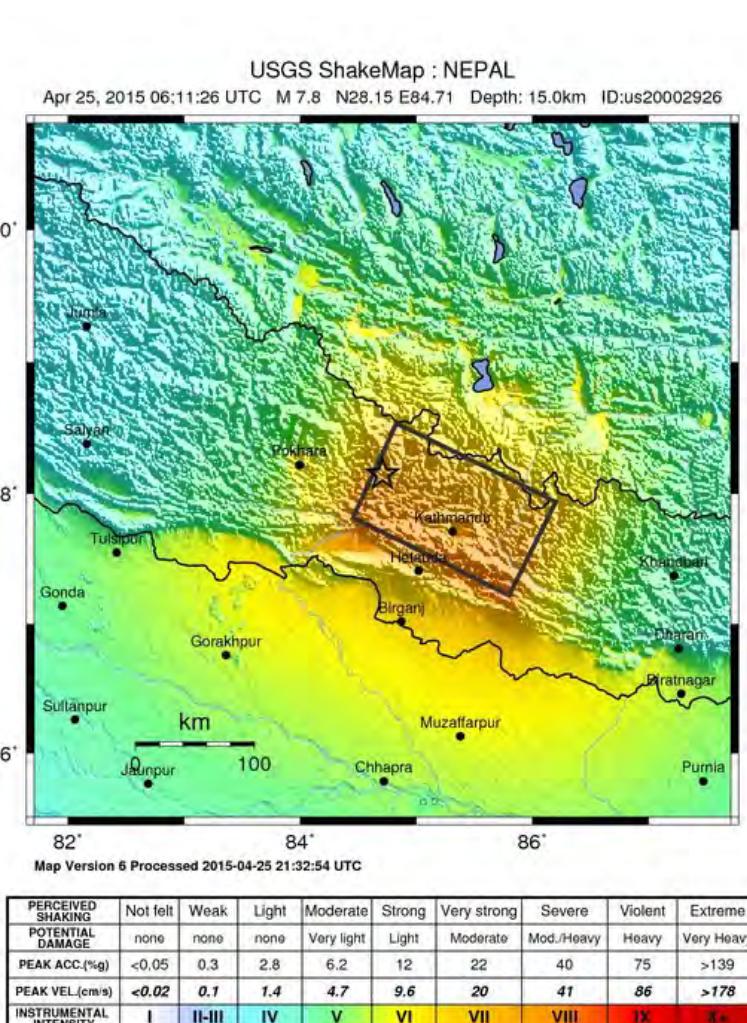


# April 25, 2015 Nepal (M 7.8)

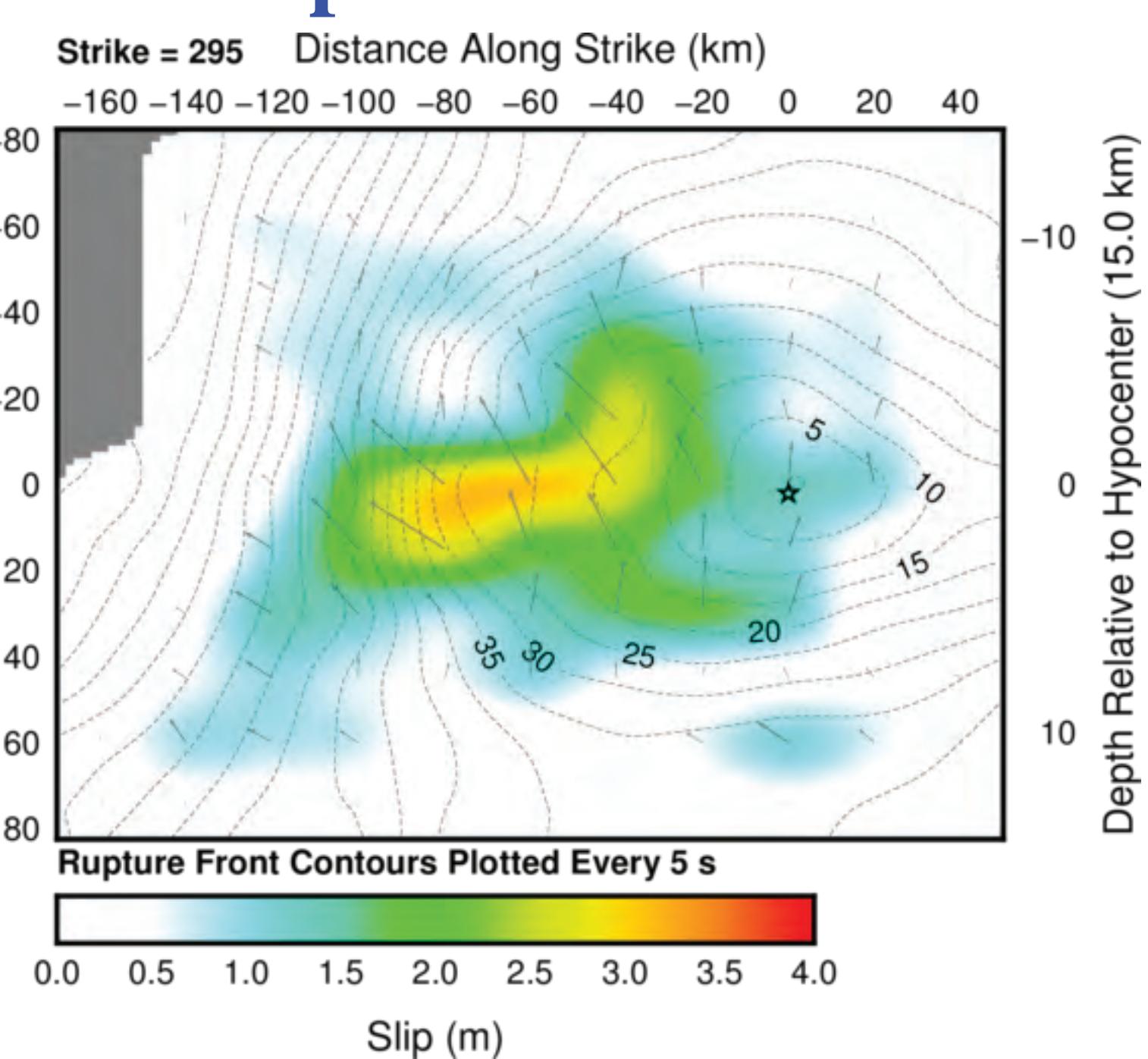
## 06:11:26 UTC / 11:56:26 at epicenter

University of Kentucky  
Kentucky Seismic and Strong Motion Network

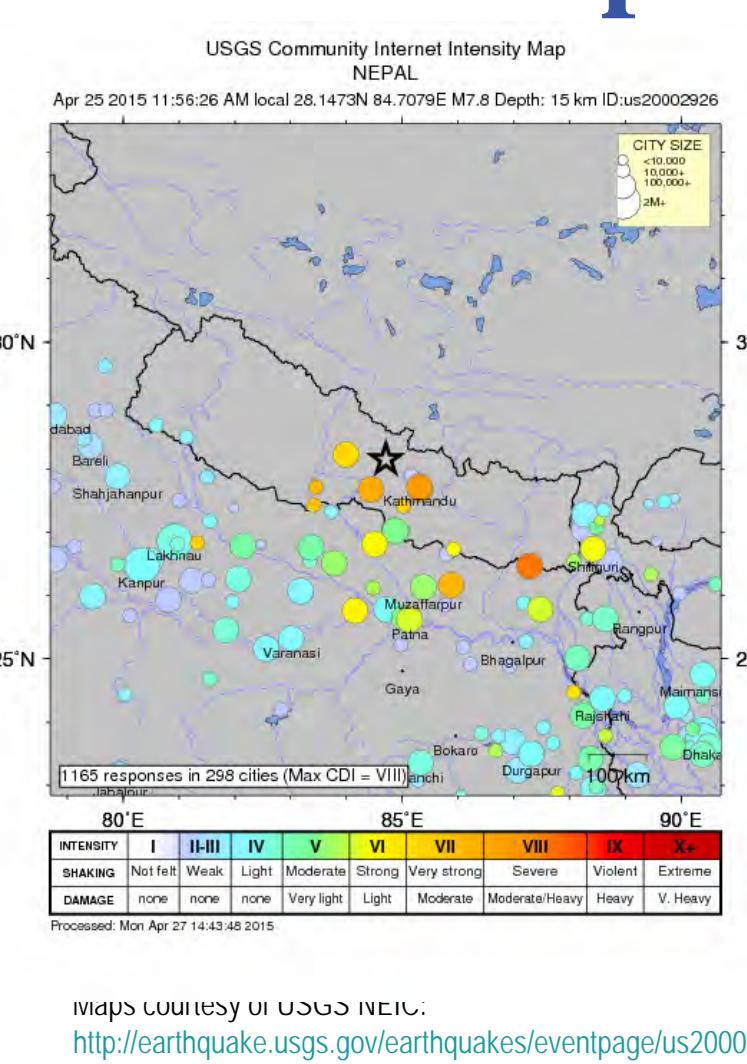
### USGS Shake Map



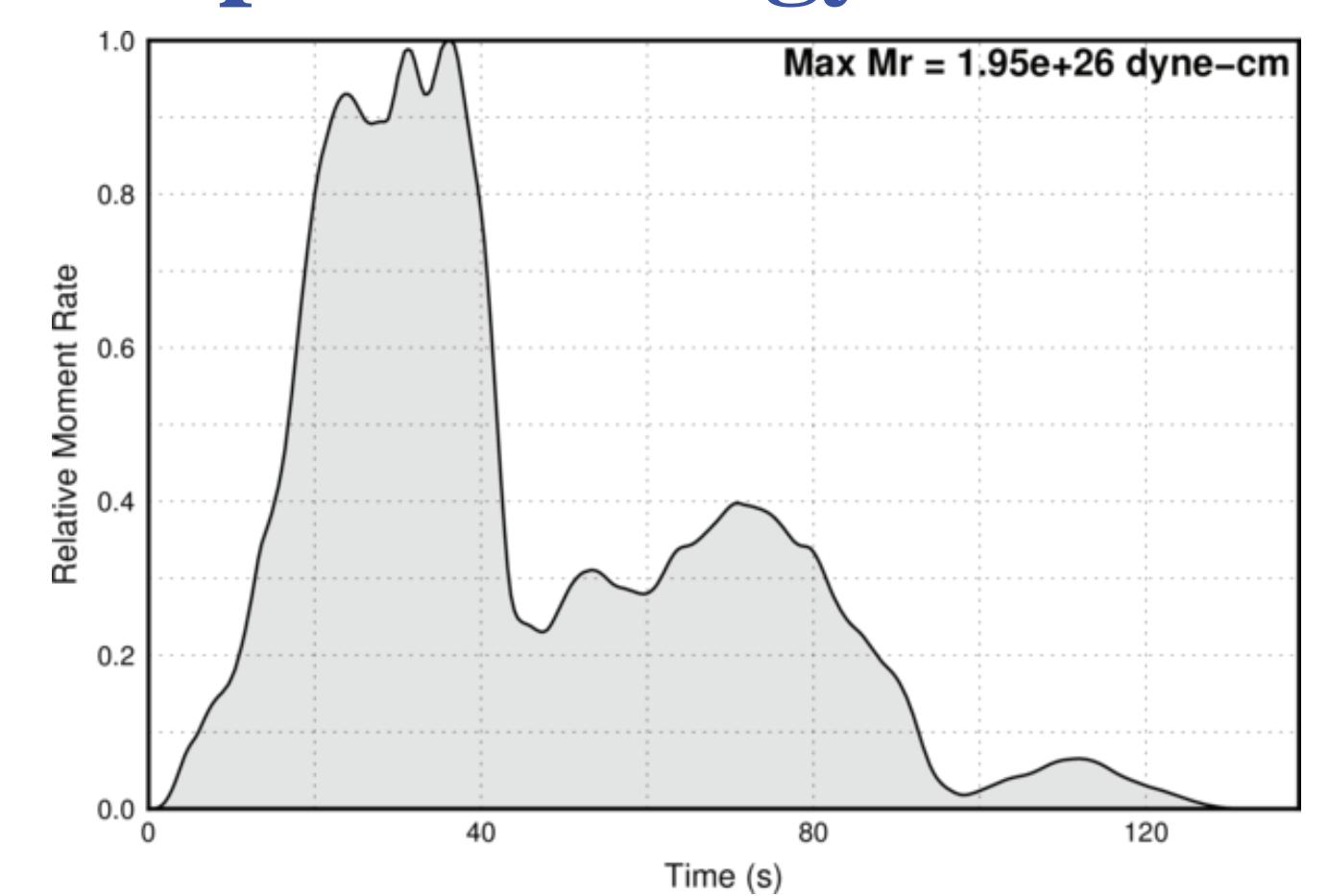
### Slip Distribution



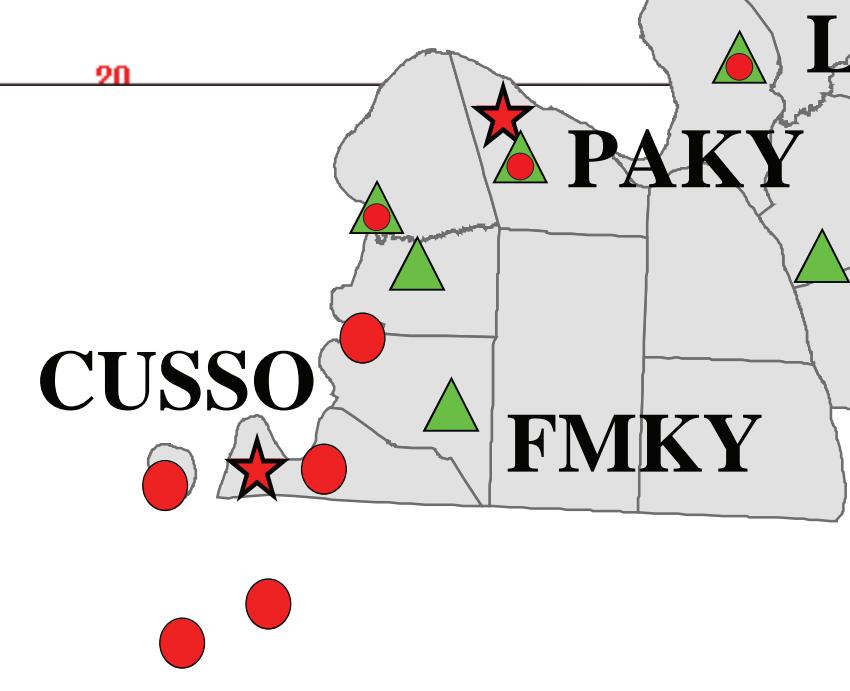
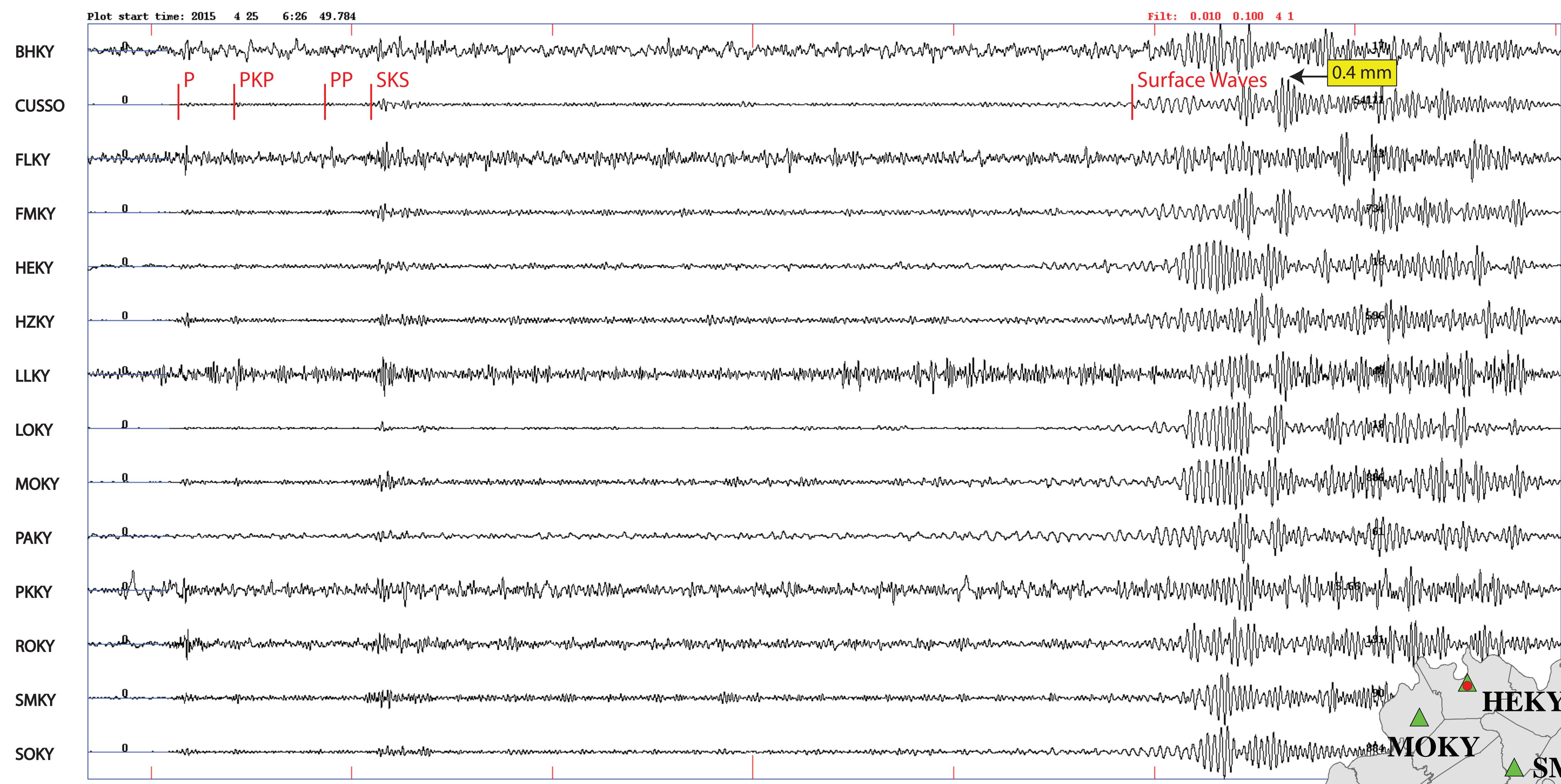
### USGS Felt Reports



### Rupture Energy Release

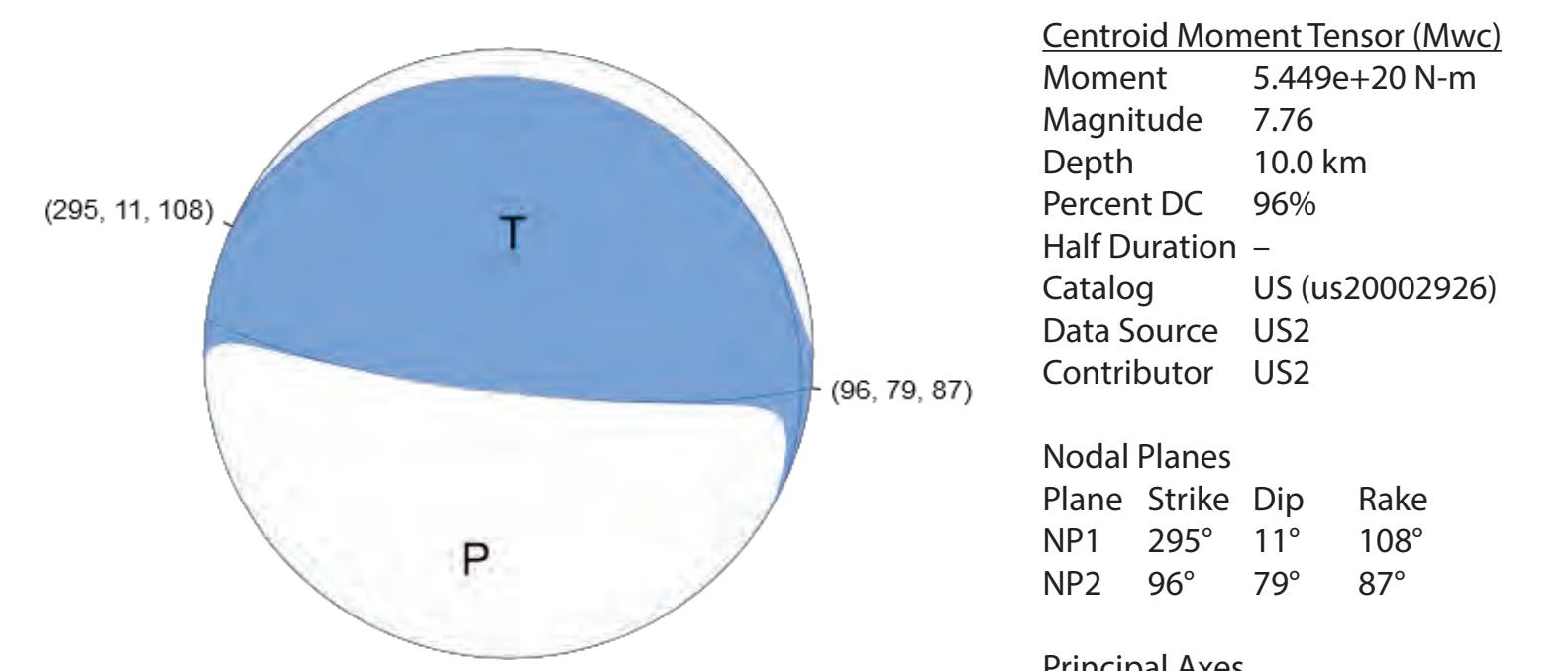


### KSSMN Seismograms (~8,000 miles away)



### USGS Source Mechanism

(Thrust faulting along the Main Himalayan Thrust)



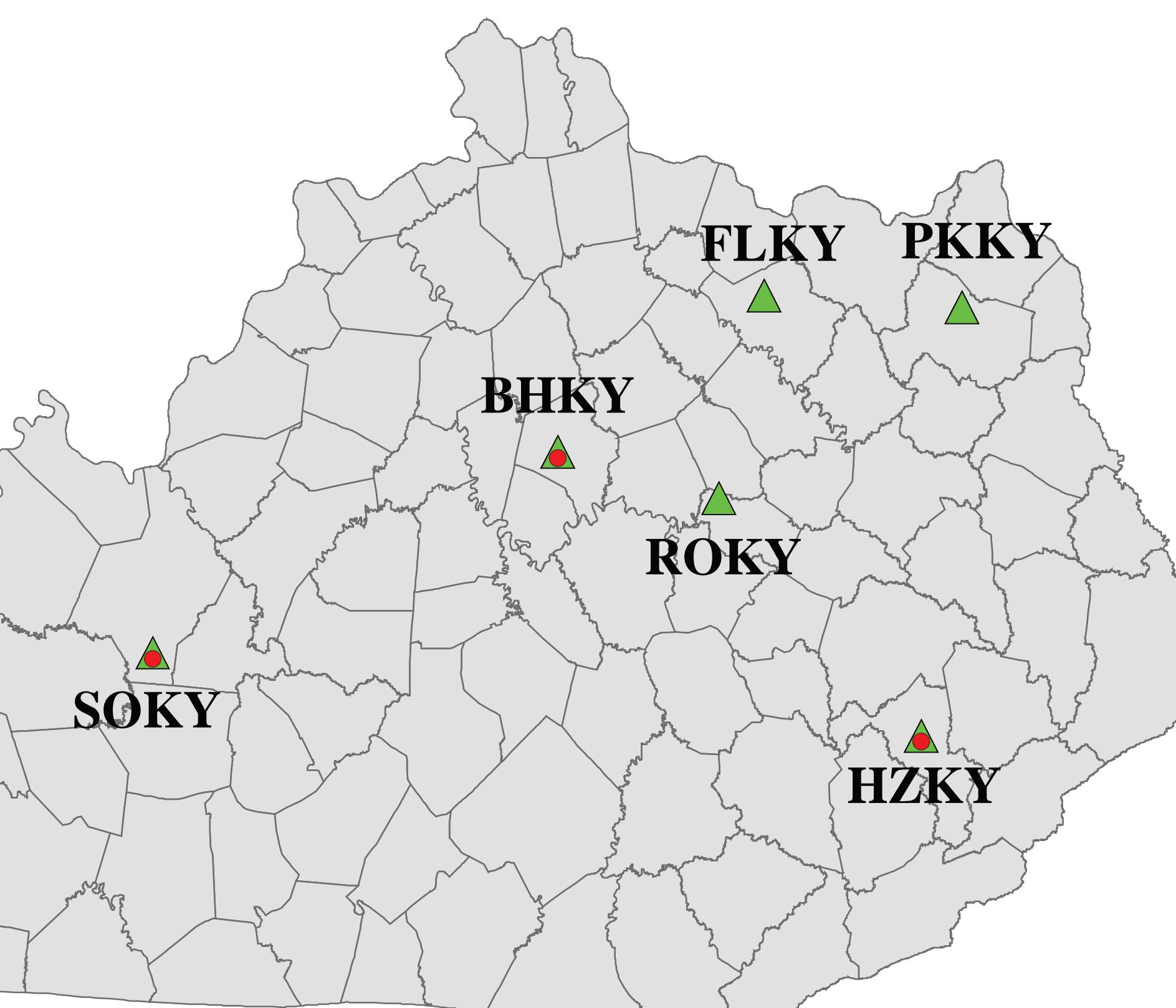
Centroid Moment Tensor (Mw)	
Moment	$5.449 \times 10^{20}$ N-m
Magnitude	7.76
Depth	10.0 km
Percent DC	96%
Half Duration	-
Catalog	US (us20002926)
Data Source	US2
Contributor	US2

Nodal Planes			
Plane	Strike	Dip	Rake
NP1	295°	11°	108°
NP2	96°	79°	87°

Principal Axes			
Axis	Value	Plunge	Azimuth
T	5.388	56°	2°
N	0.119	3°	97°
P	-5.507	34°	189°



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