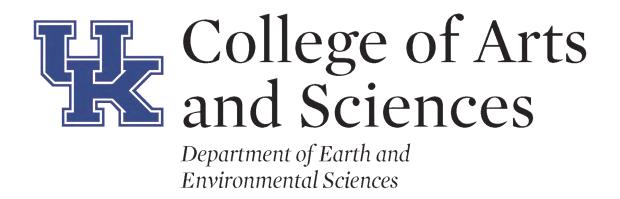
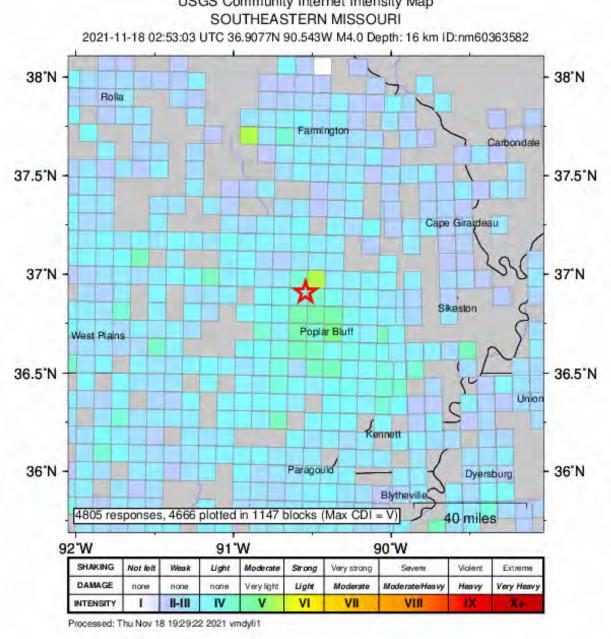
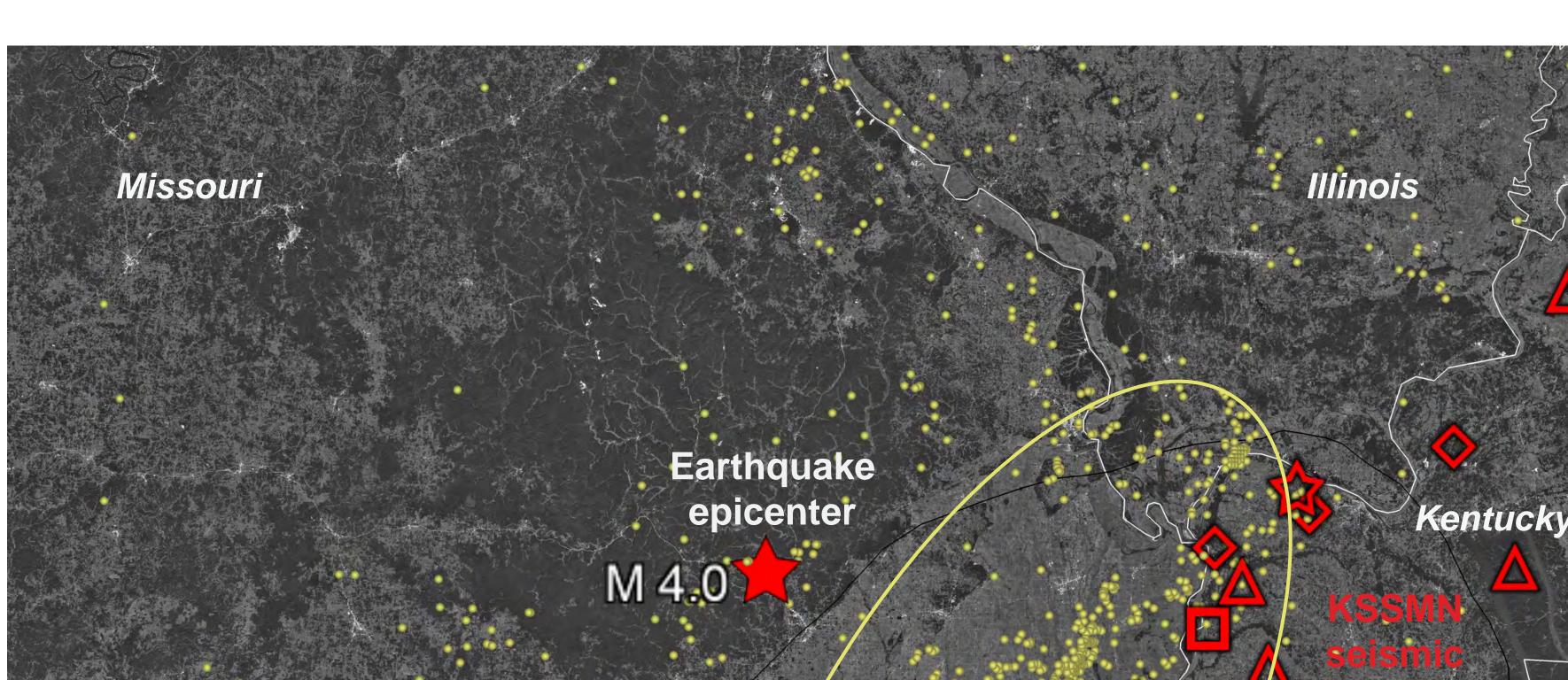


November 11, 2021 Poplar Bluff, MO (M 4.0) 02:53:03 UTC / 20:53:03 (Nov. 10) CST **University of Kentucky Kentucky Seismic and Strong Motion Network**



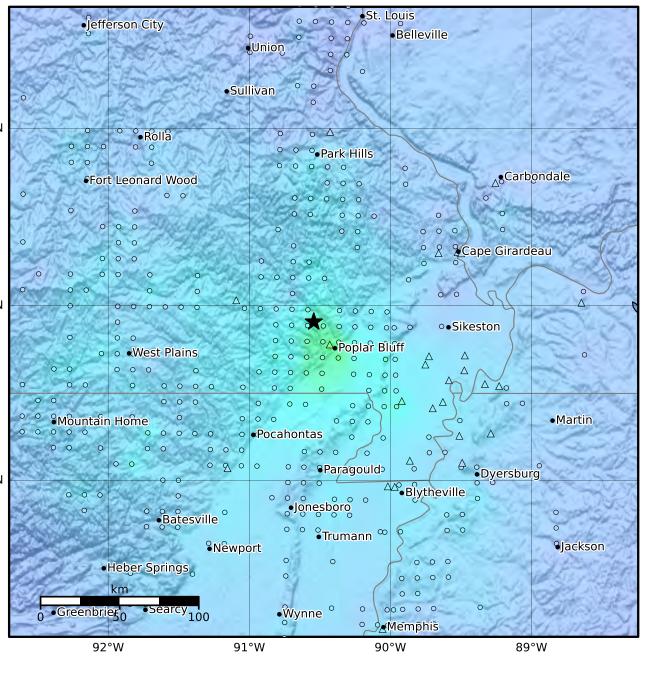
USGS Felt Reports



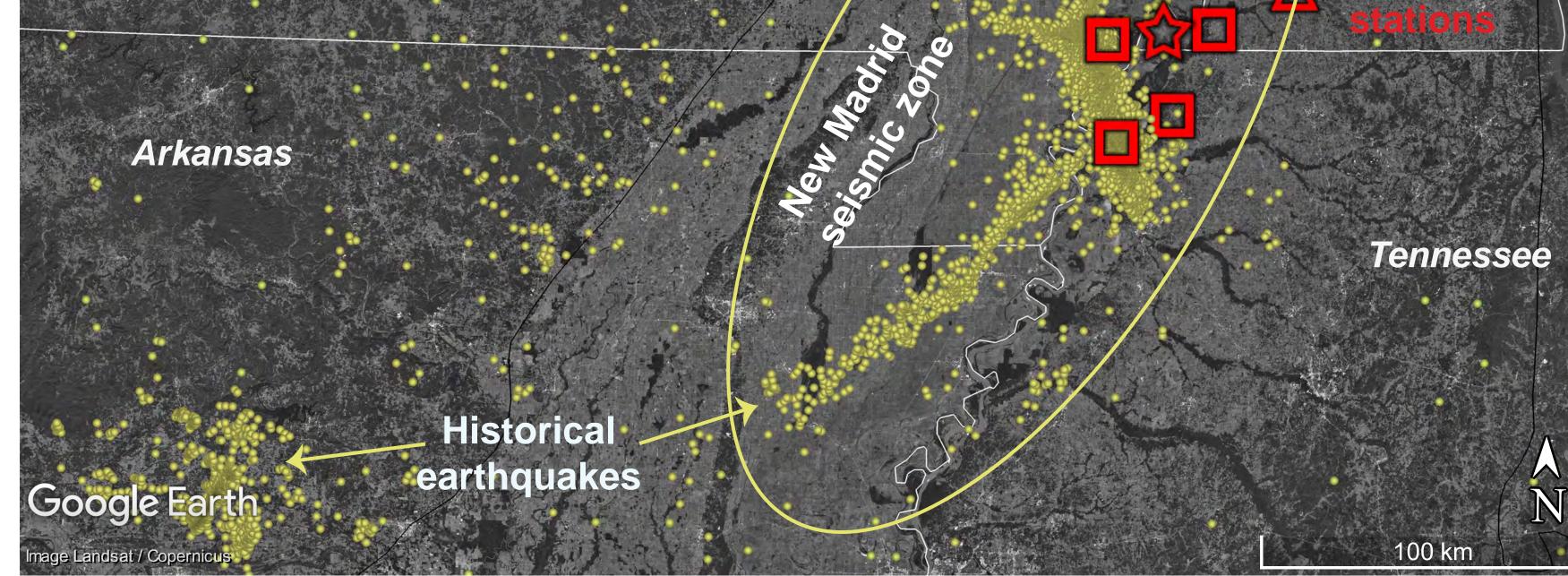




Macroseismic Intensity Map USGS ShakeMap: 21 km NW of Poplar Bluff, Missouri, Nov 18, 2021 02:53:03 UTC M4.0 N36.91 W90.54 Depth: 16.5km ID:nm60363582

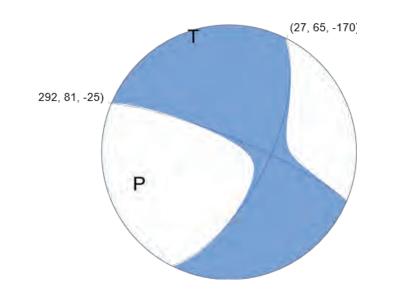


The November 11, 2021, magnitude 4.0 earthquake near Poplar Bluff, Missouri, occurred on an unknown fault with strike-slip sense of rupture. The fault is beneath the Ozark Dome and near but outside of the New Madrid seismic zone. Multiple reports of moderate shaking were reported at distances up to 77 km from the source. The earthquake was well recorded on all stations in Kentucky Seismic and Strong-motion network including VSAP, Paducah, Ky., which was recently upgraded with new surface and borehole sensors and realtime data telemetry.



SHAKING	Not fe l t	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	None	None	None	Very light	Light	Moderate	Moderate/heavy	Heavy	Very heavy
PGA(%g) ·	<0.0066	0.0795	0.954	4.99	8.76	15.4	27	47.4	>83.2
PGV(cm/s)	<0.0028	0.0383	0.524	3.03	6.48	13.9	29.6	63.4	>136
INTENSITY	I	11-111	IV	V	VI	VII	VIII	IX	X+X
cale based Seismic Ir					Version 5: Processed 2021-11-18T18:51:58Z ★ Epicenter				

USGS Source Mechanism



(Strike-slip Faulting on NE- or NW- striking fault planes)

KSSMN Seismograms

