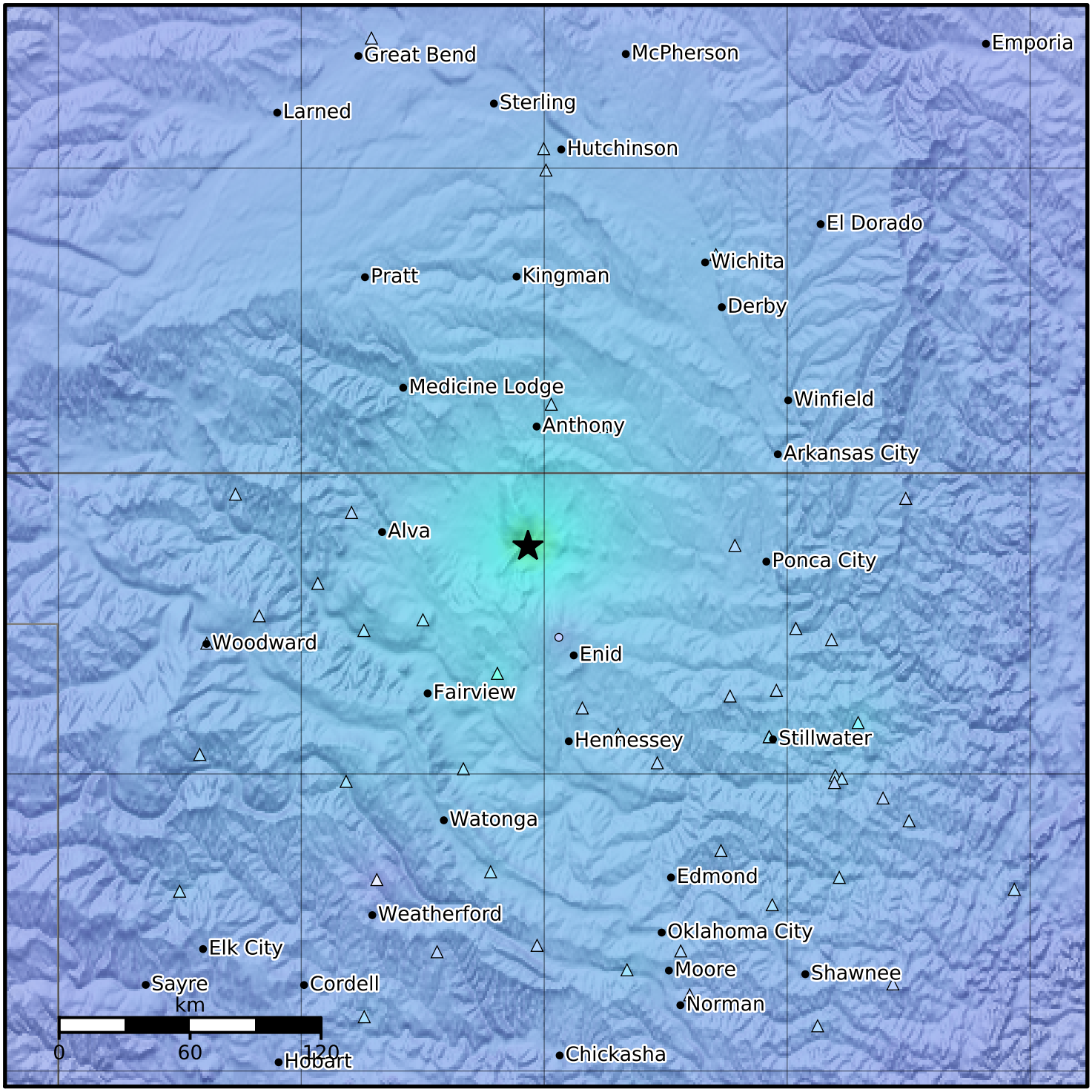
Macroseismic Intensity Map USGS
ShakeMap: 25 km E of Cherokee, Oklahoma,
Sep 19, 2021 22:21:38 UTC M3.8 N36.76 W98.07 Depth: 7.0km ID:ok2021skoo



SHAKING	Not felt	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	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based on Atkinson and Kaka (2007) Version 5: Processed 2021-09-20T23:16:12Z

△ Seismic Instrument ○ Reported Intensity ★ Epicenter