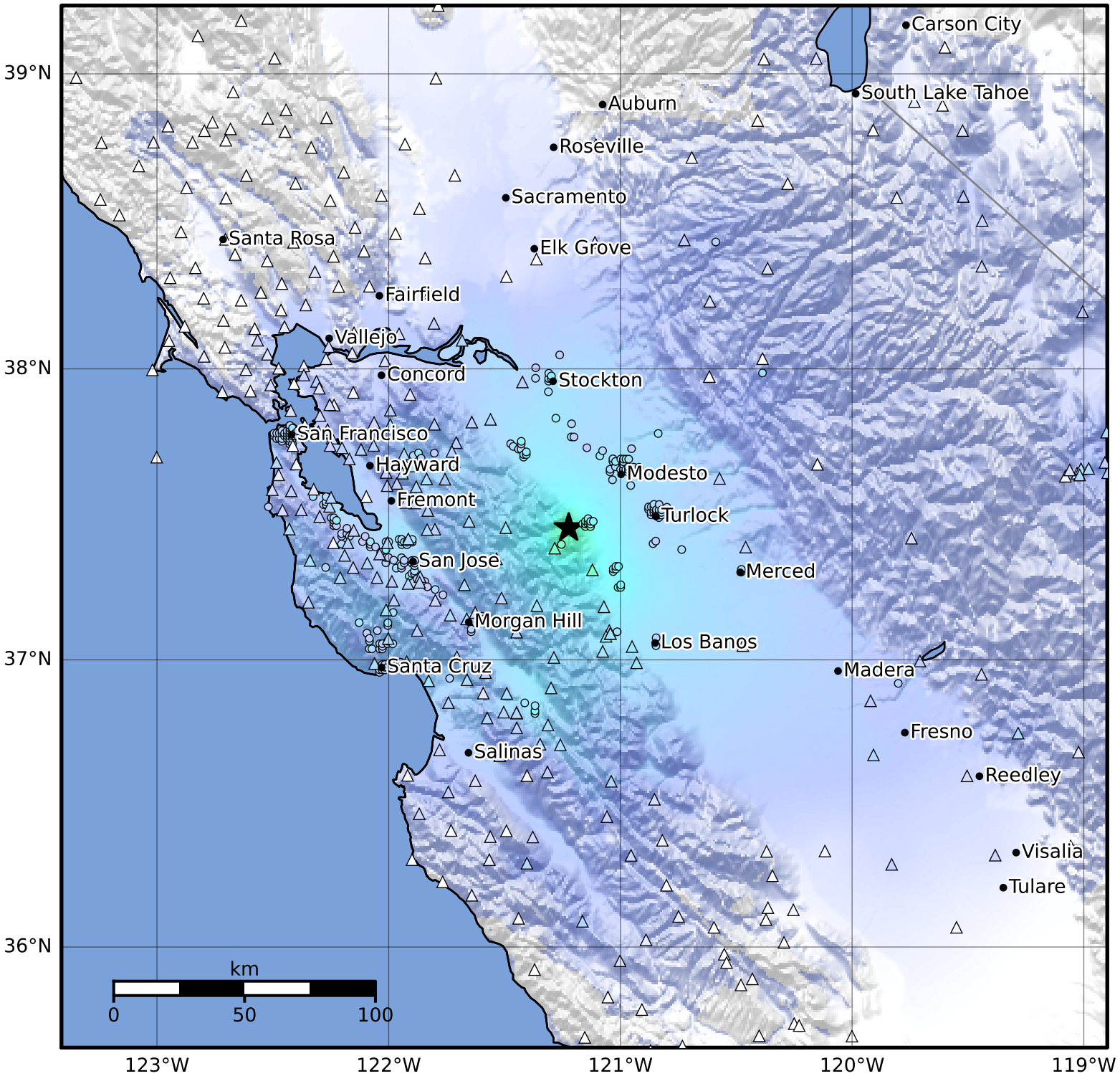
Macroseismic Intensity Map USGS
ShakeMap: 8 km WSW of Patterson, California,
Sep 19, 2023 04:13:09 UTC M4.5 N37.46 W121.22 Depth: 5.0km ID:us7000kwlj



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)	<0.0464	0.297	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV(cm/s)	<0.0215	0.135	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based on Worden et al. (2012)

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△ Seismic Instrument ○ Reported Intensity ★ Epicenter