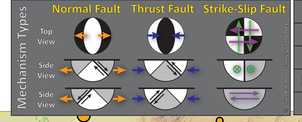
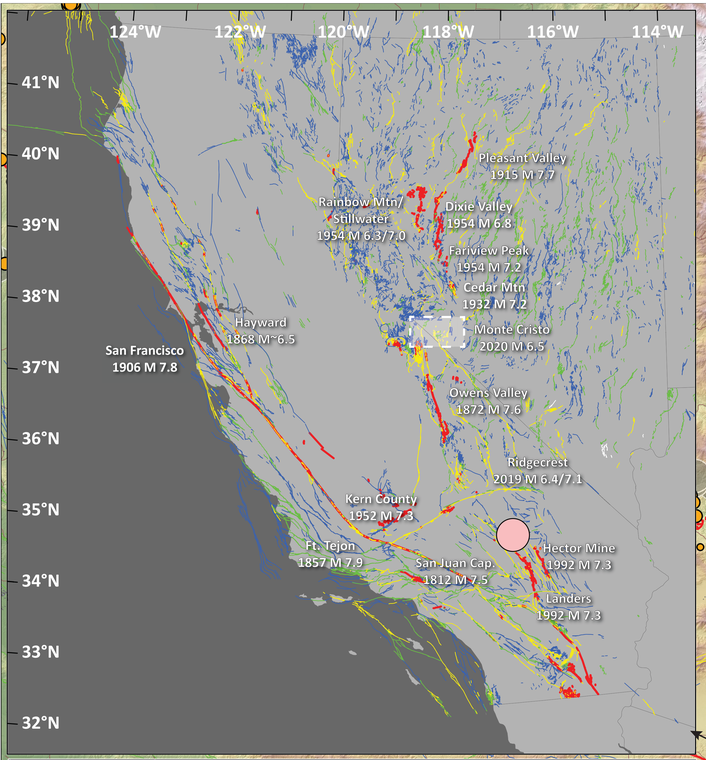
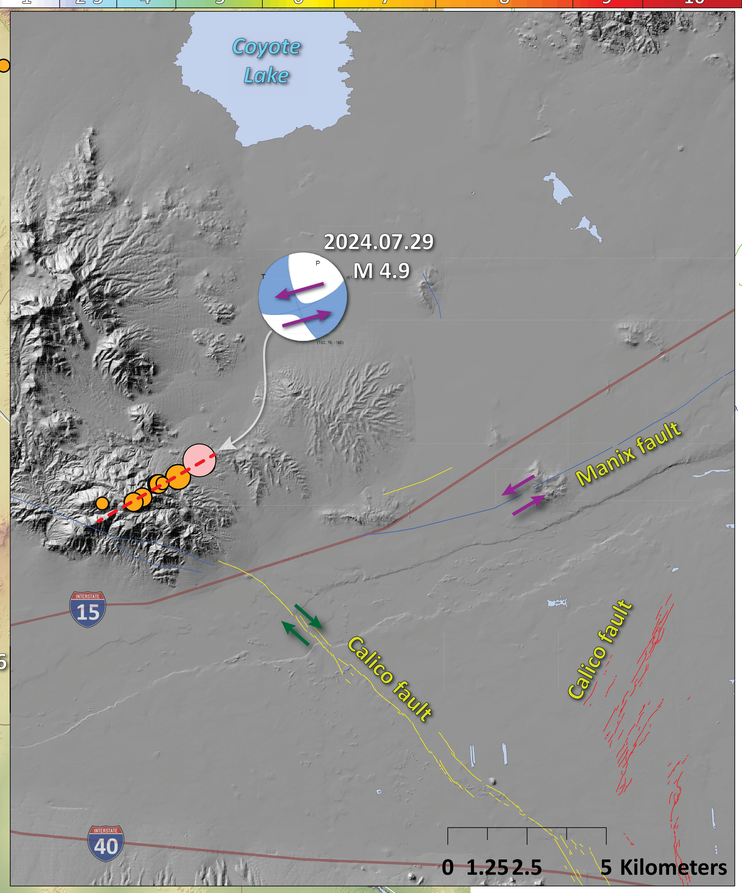
Earthquake Report: 2024.07.29

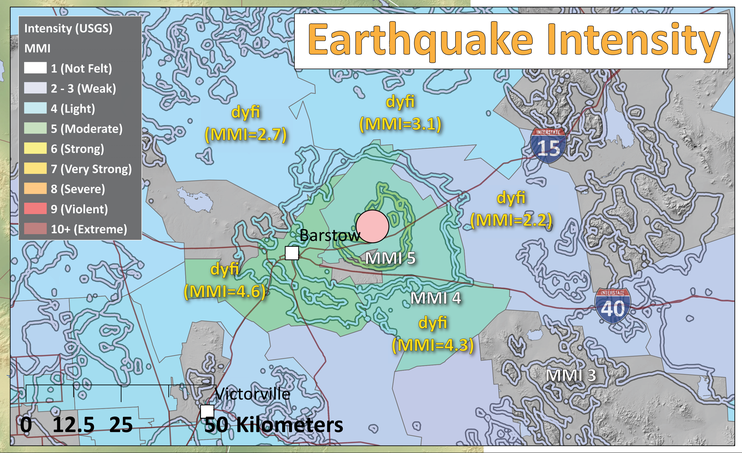
M 4.9 Barstow, southern California (& USGS Seismicity 1924-2024 M ≥ 5.0)



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)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV (cm/s)	<0.02	0.13	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	1	2-3	4	5	6	7	8	9	10







29 July '24 M 4.9

Seismicity (USGS - 1 month)
- 0.0 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 4.0
- 4.1 - 5.0
- 5.1 - 6.4

Seismicity (USGS - 1 century)
- 5.0 - 5.5
- 5.6 - 6.0
- 6.1 - 6.5
- 6.6 - 7.0
- 7.1 - 7.5

Fault (USGS QFFDB)
Most Recent Movement Age
- class B
- historic
- latest Quaternary
- late Quaternary
- middle and late Quaternary
- Quaternary
- unspecified

Highway
Lake (CDFW modern)
Lake (pluvial)
Populated Place

Depth: Shallow – Deep
Elevation: High – Low

Topography: USGS NED

0 12.5 25 50 Miles

0 25 50 100 Kilometers

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DEPARTMENT OF FISH & WILDLIFE

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