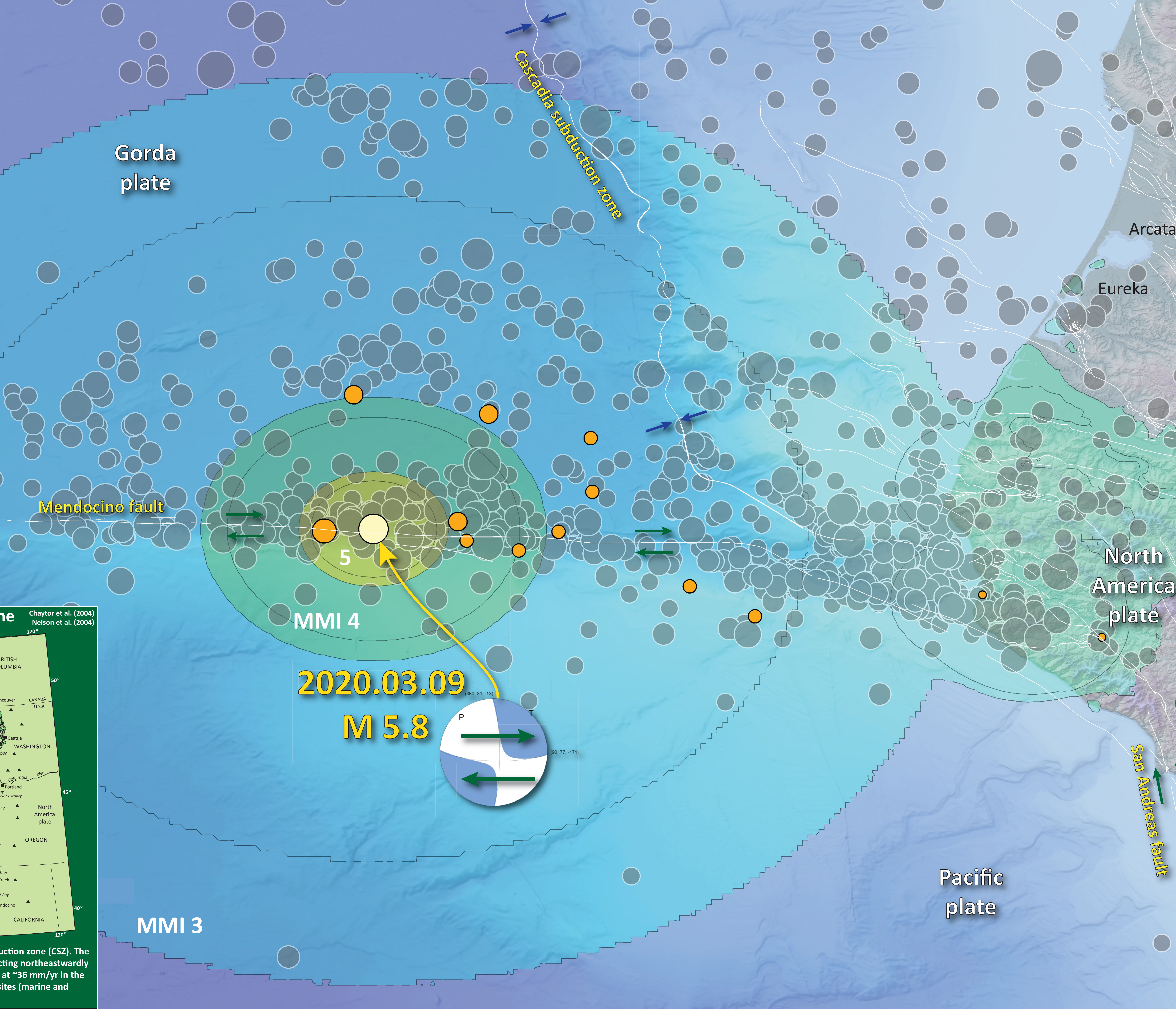
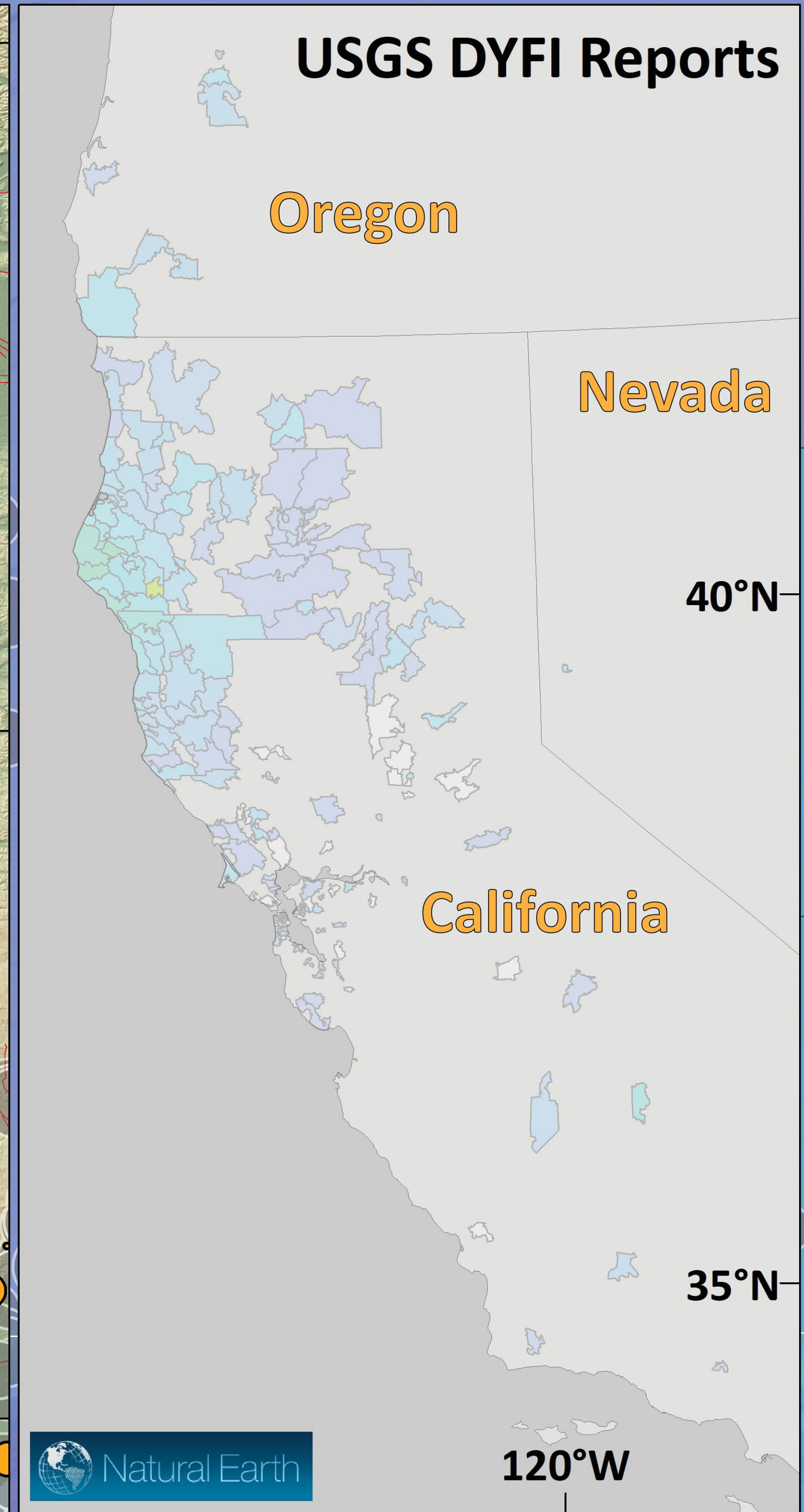
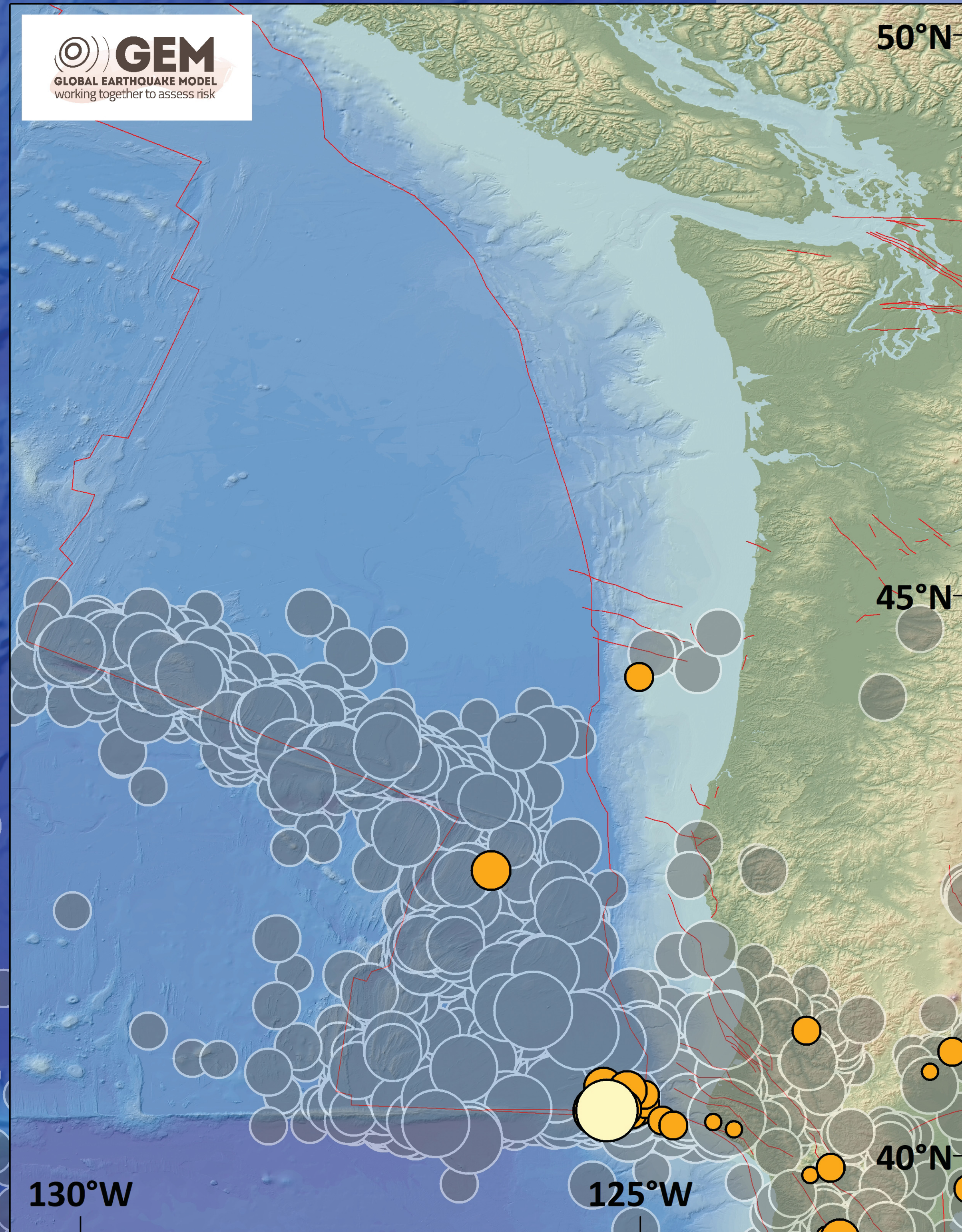


Earthquake Report: 2020.03.09

M 5.8 Cape Mendocino (& USGS Seismicity 1920-2020 M ≥ 3.5)

	Normal Fault	Thrust Fault	Strike-Slip Fault								
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+		



2020.03.09 M 5.8

Seismicity, USGS (1 week)

- 0.0 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 4.0
- 4.1 - 5.0
- 5.1 - 5.8

Topography: USGS DEM

Bathymetry: Ryan et al., 2009

0 5 10 20 Miles

0 7.5 15 30 Kilometers

Seismicity, USGS (1 century)

- 3.5 - 4.0
- 4.1 - 5.0
- 5.1 - 6.0
- 6.1 - 7.0
- 7.1 - 7.3

Intensity (USGS)

- I (Not Felt)
- II - III (Weak)
- IV (Light)
- V (Moderate)
- VI (Strong)
- VII (Very Strong)
- VIII (Severe)
- IX (Violent)
- X+ (Extreme)

MMI

- I (Not Felt)
- II - III (Weak)
- IV (Light)
- V (Moderate)
- VI (Strong)
- VII (Very Strong)
- VIII (Severe)
- IX (Violent)
- X+ (Extreme)

Fault (USGS)

Jason R. Patton

earthjay.com © 2020

USGS

science for a changing world

