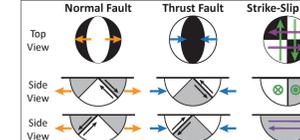
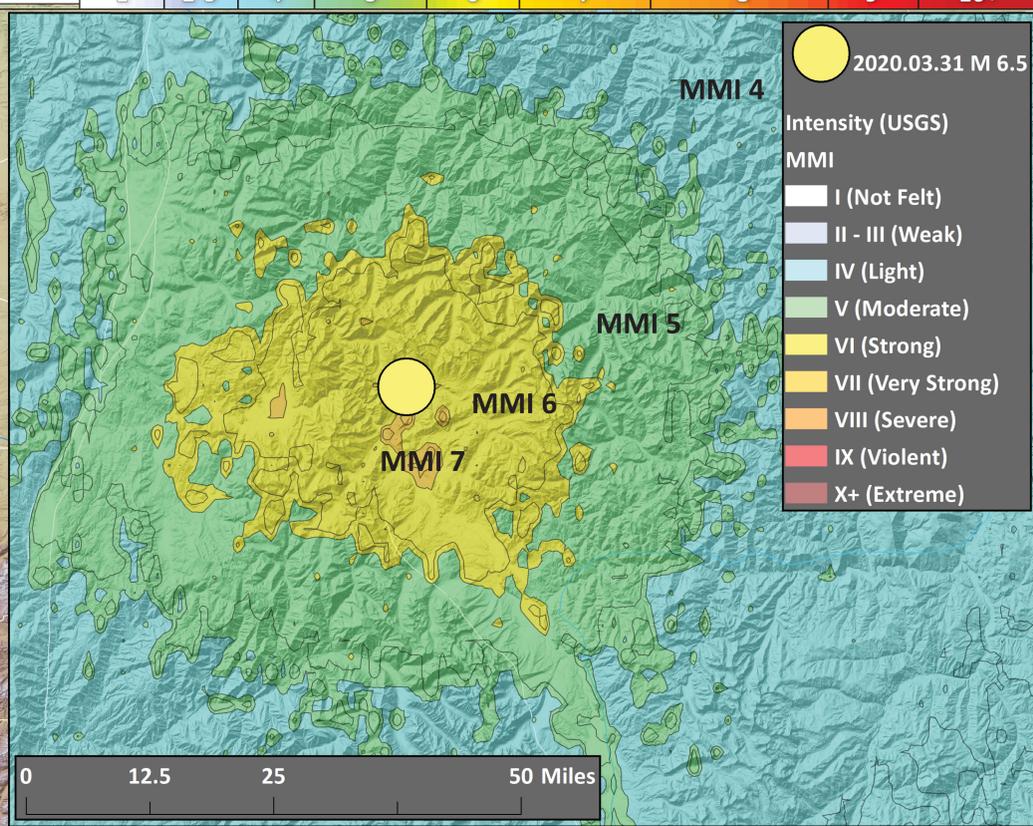
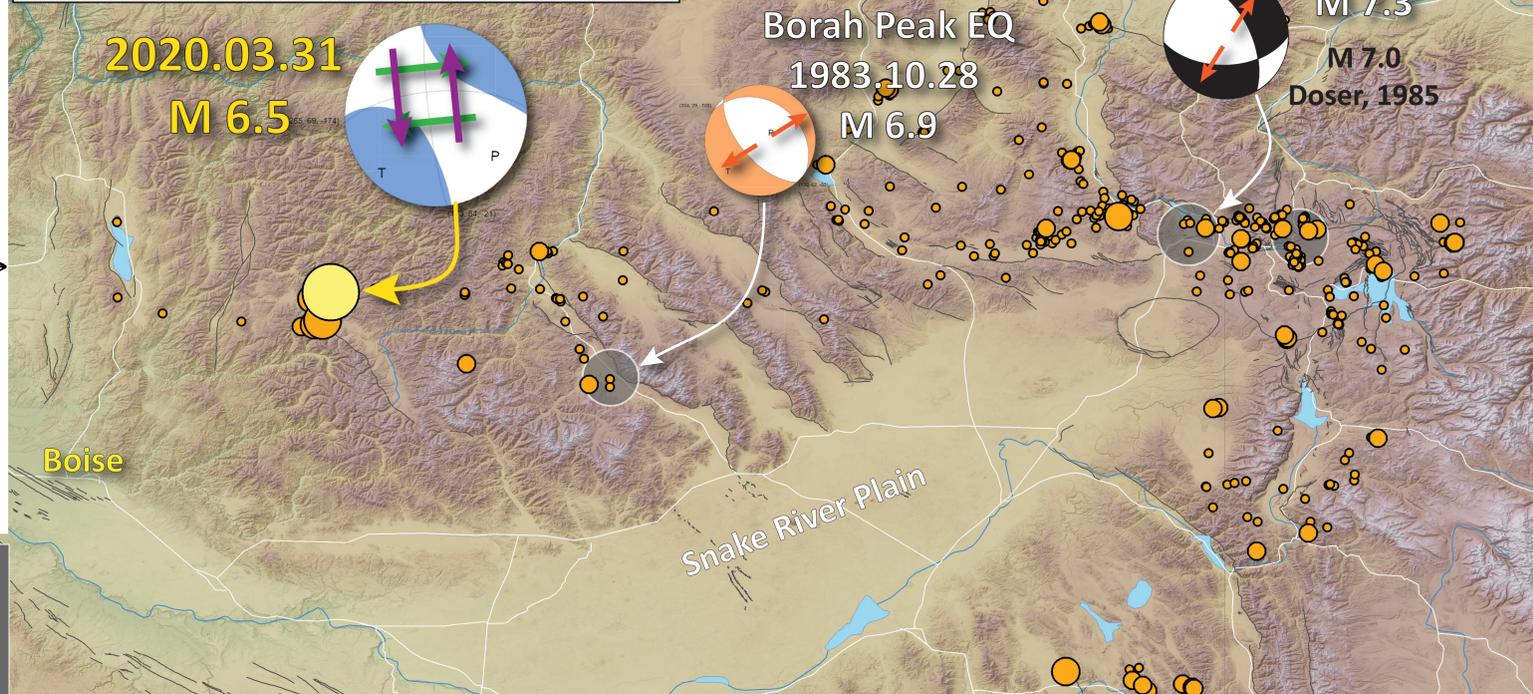
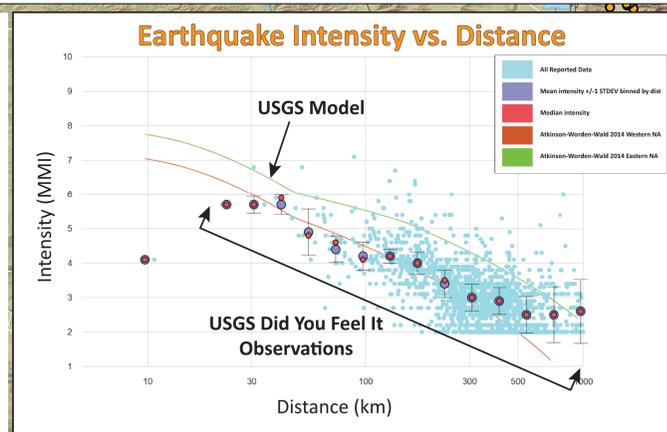
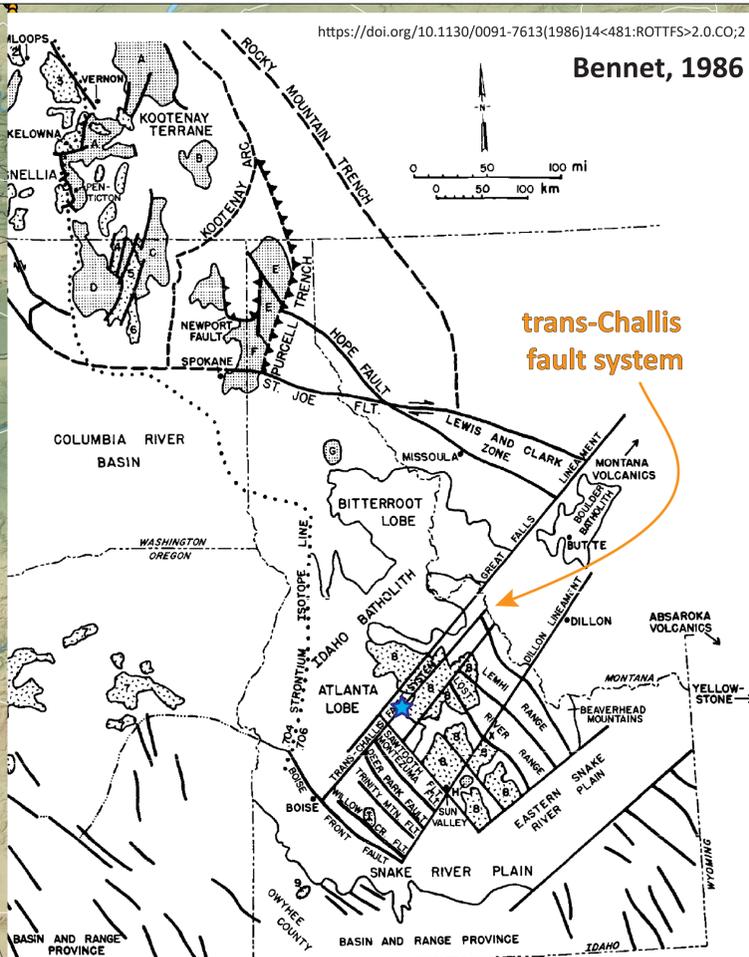


Earthquake Report: 2020.03.31

M 6.5 Idaho (& USGS Seismicity 1920-2020 M ≥ 6.5)



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+



Seismicity (USGS - 1 century)

- 2020.03.31 M 6.5
- 6.5 - 7.0
- 7.1 - 7.3

Seismicity (IRIS - 3 month)

- 0.1 - 2.0
- 2.1 - 3.0
- 3.1 - 4.0
- 4.1 - 5.0
- 5.1 - 6.0
- 6.1 - 6.5

Topography:
GMRT Ryan et al., 2009
DOI: 10.1029/2008GC002332
10m: USGS NED

IRIS
Jason R. Patton
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USGS
science for a changing world

0 18.75 37.5 75 Miles

0 25 50 100 Kilometers

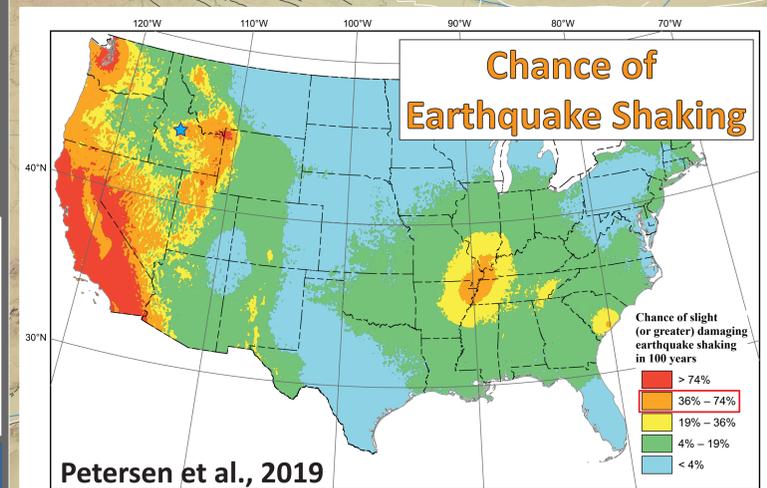


Figure 1. Map showing the chance of minor damaging earthquake shaking in 100 years from the 2018 NSHM. The shaking is equivalent to Modified Mercalli Intensity VI and is based on the average 1-second horizontal spectral response acceleration and peak ground acceleration. Ground-motions are amplified using topographic-based V_{S30} values (Wald and Allen, 2007).

