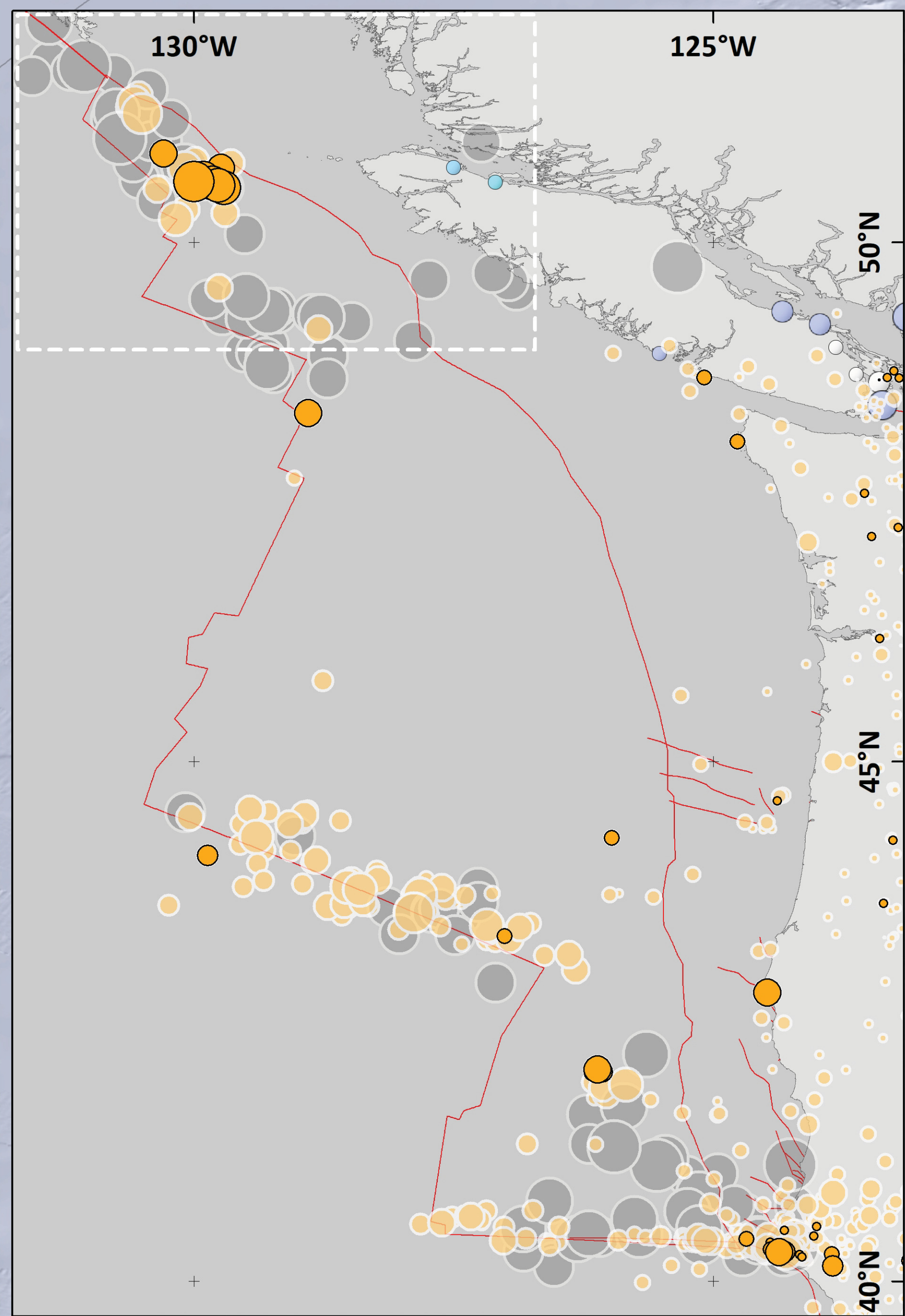


2019.12.25 M 6.3 Winona Basin - Earthquake Intensity

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+



Intensity (USGS)

MMI

I (Not Felt)

II - III (Weak)

IV (Light)

V (Moderate)

VI (Strong)

VII (Very Strong)

VIII (Severe)

IX (Violent)

X+ (Extreme)

USGS Seismicity (1 month)

0.0 - 1.0

1.1 - 2.0

2.1 - 3.0

3.1 - 4.0

4.1 - 5.0

5.1 - 6.0

6.1 - 6.3

Fault

GEM

Elevation:
GMRT Ryan et al., 2009
DOI: 10.1029/2008GC002332

GEM

GLOBAL EARTHQUAKE MODEL

working together to assess risk

Jason R. Patton

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