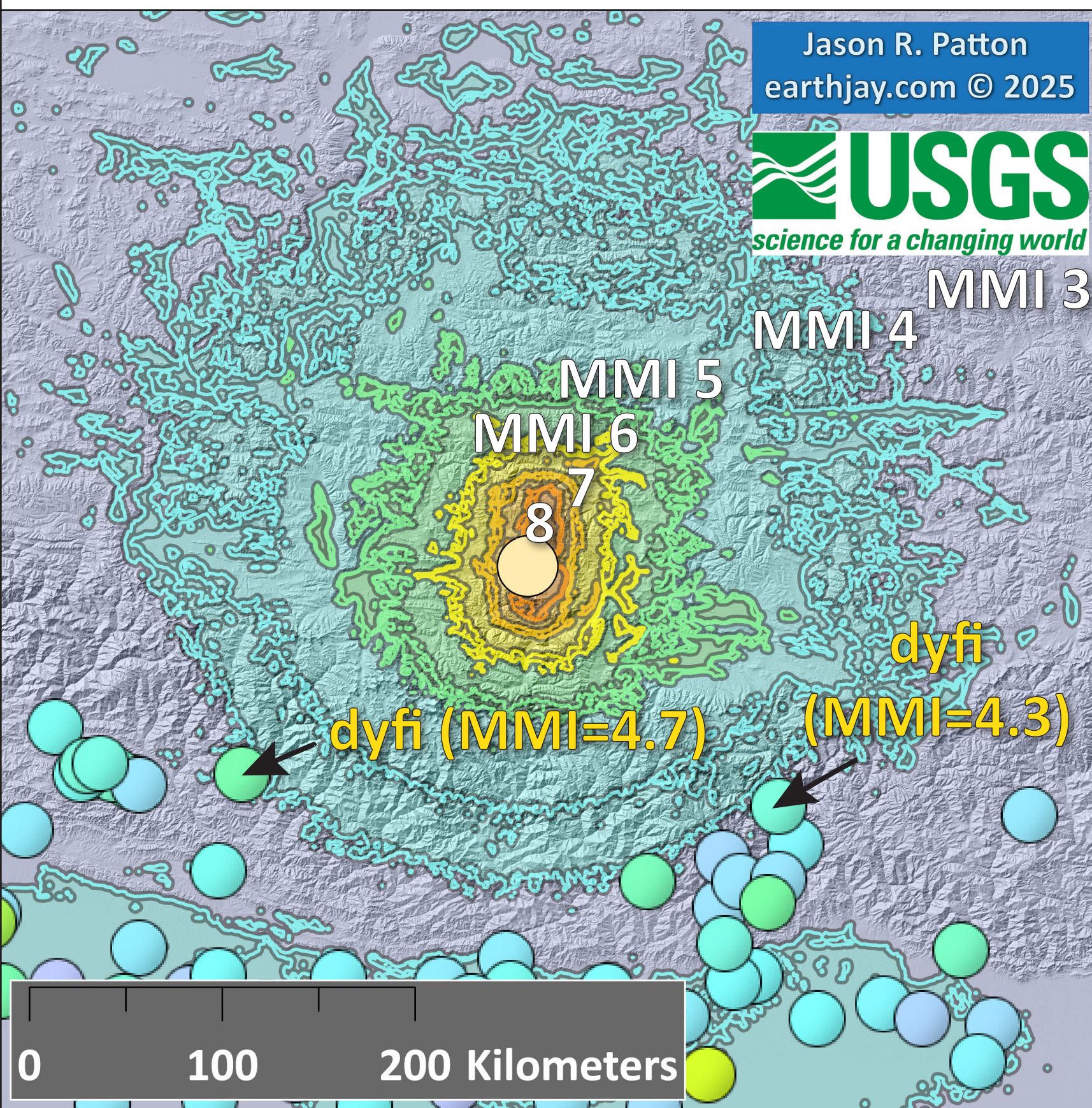


7 January 2025 M 7.1 Tibet Earthquake Intensity



Jason R. Patton
earthjay.com © 2025



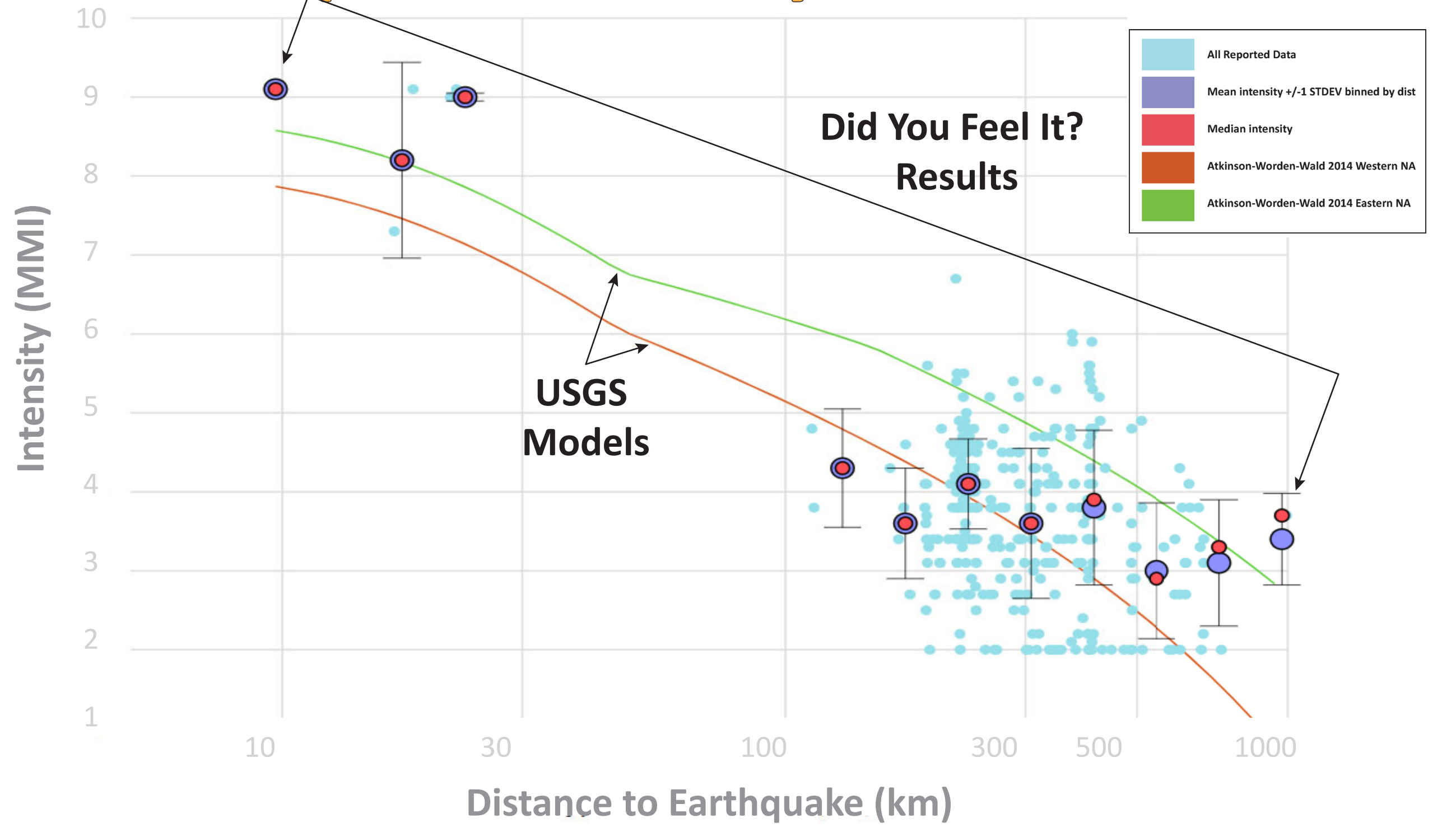
Intensity (USGS)

MMI

- 1 (Not Felt)
- 2 - 3 (Weak)
- 4 (Light)
- 5 (Moderate)
- 6 (Strong)
- 7 (Very Strong)
- 8 (Severe)
- 9 (Violent)
- 10+ (Extreme)

SHAKING	Not Felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
DAMAGE	Note	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

Earthquake Intensity vs. Distance



**Did You Feel It?
Results**

- All Reported Data
- Mean intensity +/- 1 STDEV binned by dist
- Median intensity
- Atkinson-Worden-Wald 2014 Western NA
- Atkinson-Worden-Wald 2014 Eastern NA

**USGS
Models**

Intensity (MMI)

Distance to Earthquake (km)