

# Earthquake: 2021.09.08 M 7.0 near Acapulco, Mexico

## Earthquake Intensity



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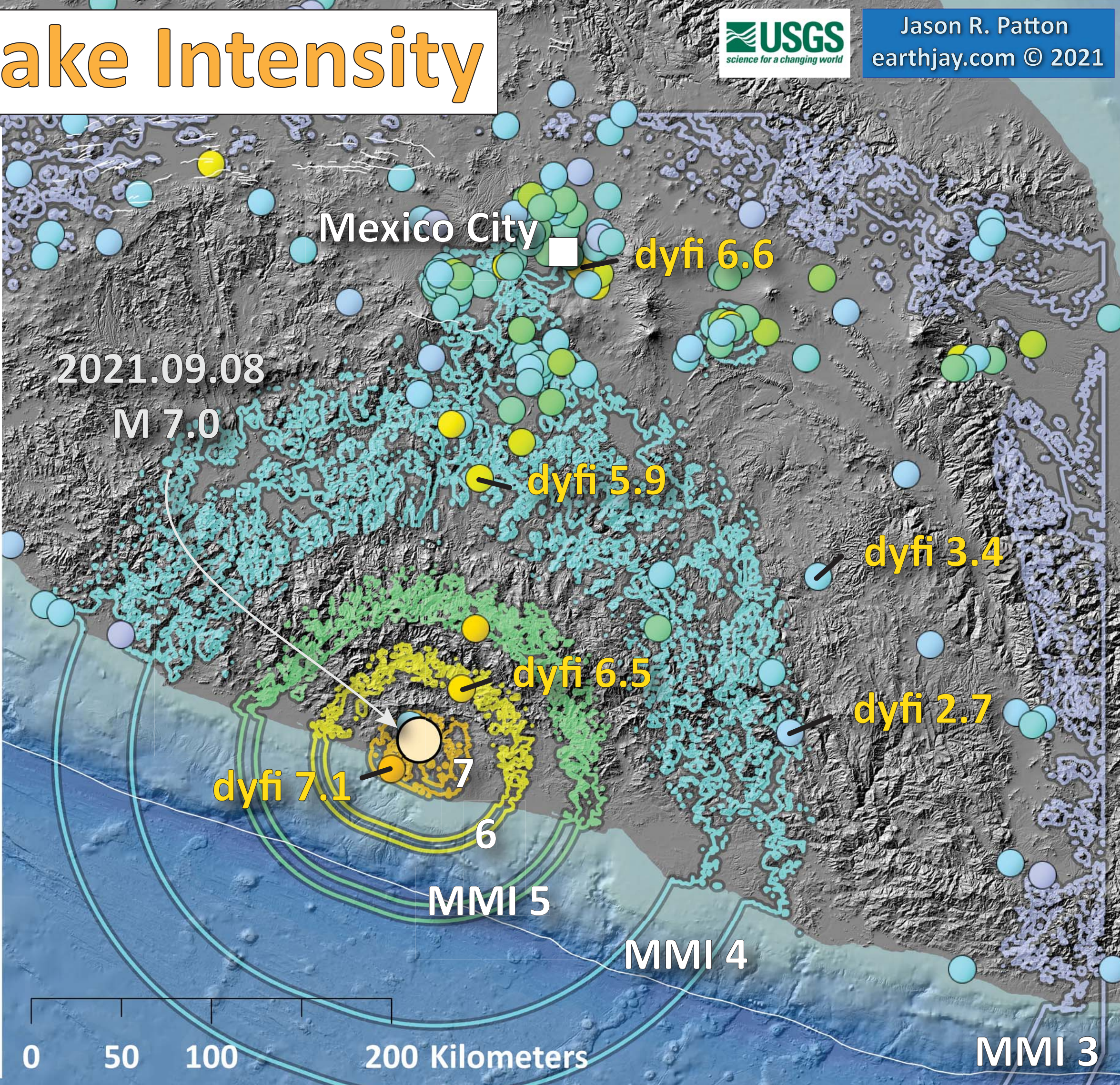
**dyfi 6.5** **Did You Feel It? Observation**

**MMI 5** **USGS Model Intensity Contour**

**Shaking Intensity**

**MMI**

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

