

Massachusetts State Hazard Mitigation and Climate Adaptation Plan

State Agency Vulnerability Assessment Reference Materials:

Earthquake

Data Source: 2013 Massachusetts Hazard Mitigation Plan

Earthquakes are not an especially common hazard in the Commonwealth; however, they do occur and have historically impacted many different regions. The maps below provide information on peak ground acceleration associated with earthquakes of various intensities. There is no established correlation between climate change and earthquake incidence. Consequently, maps for future planning horizons are not provided.

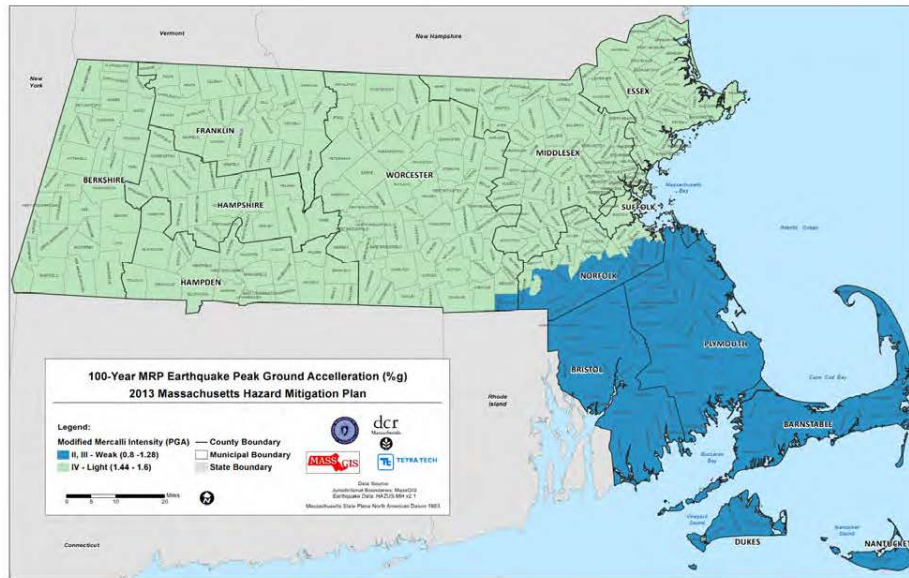


Figure 8-2. Peak Ground Acceleration Modified Mercalli Scale for a 100-Year MRP Earthquake Event

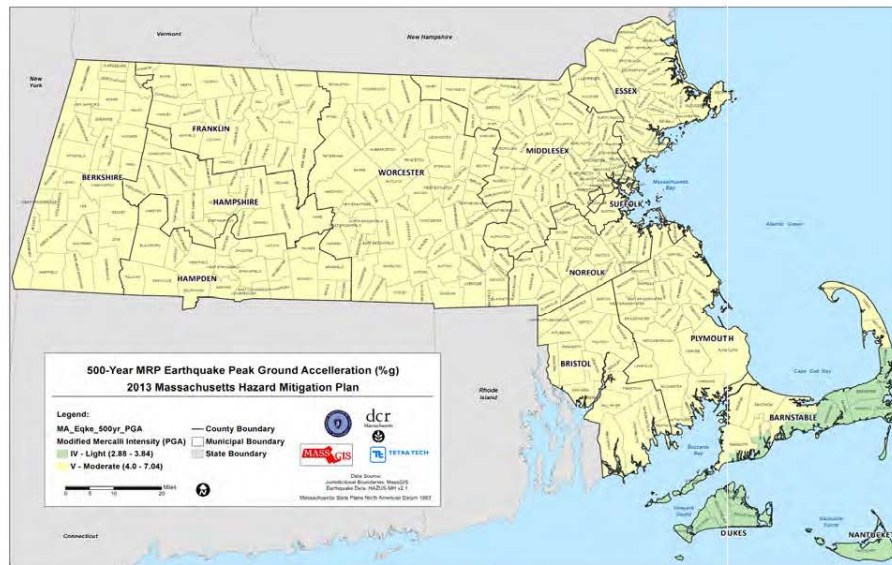


Figure 8-3. Peak Ground Acceleration Modified Mercalli Scale for a 500-Year MRP Earthquake Event

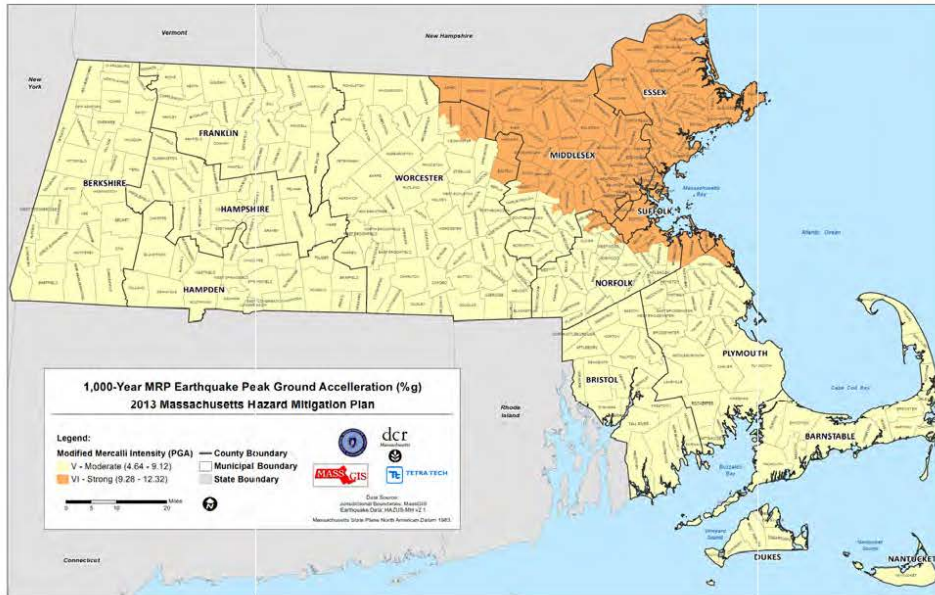


Figure 8-4. Peak Ground Acceleration Modified Mercalli Scale for a 1,000-Year MRP Earthquake Event

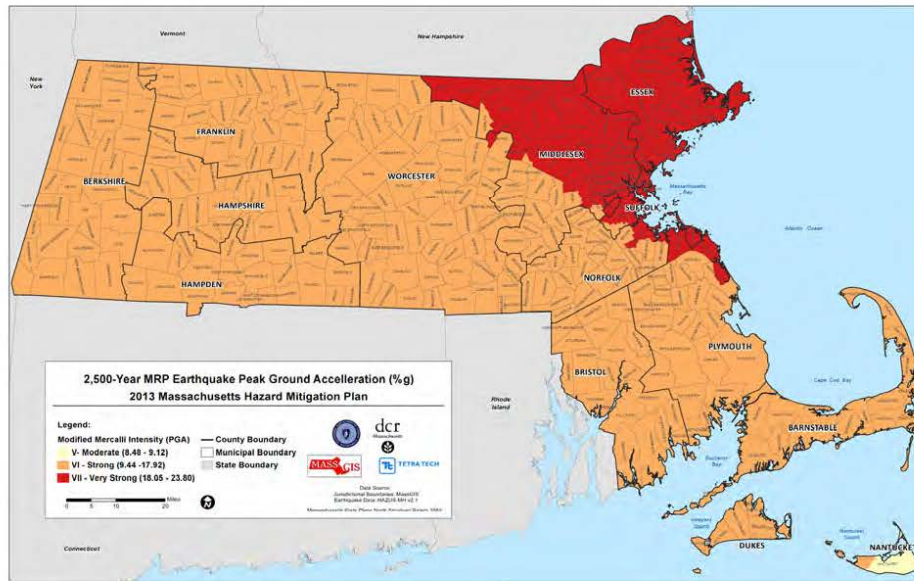


Figure 8-5. Peak Ground Acceleration Modified Mercalli Scale for a 2,500-Year MRP Earthquake Event