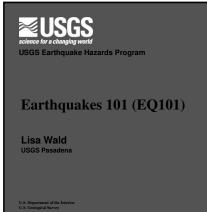
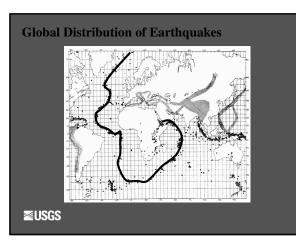
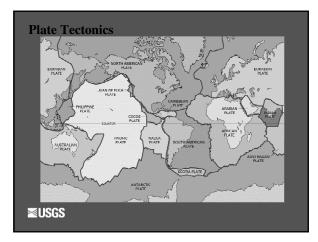
Earthquakes

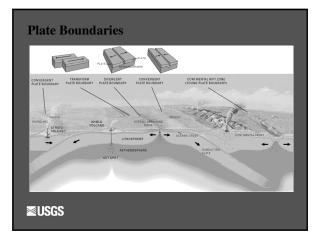
Geology 8L 2 April 2007 Lecture Slides Modified from USGS Presentation

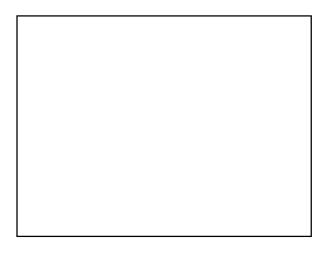


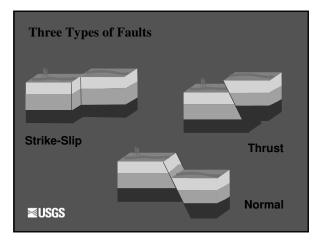




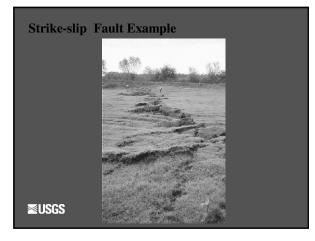




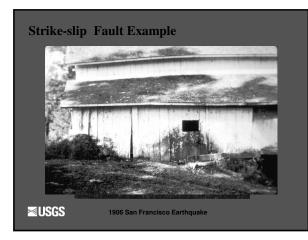


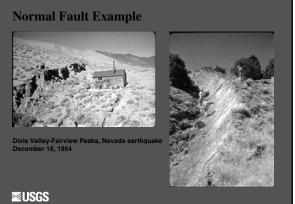




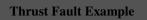






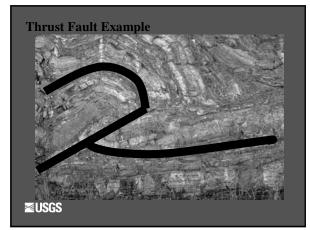


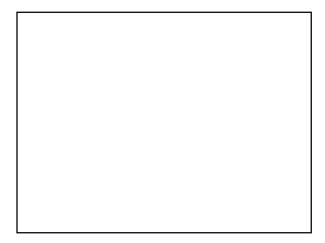


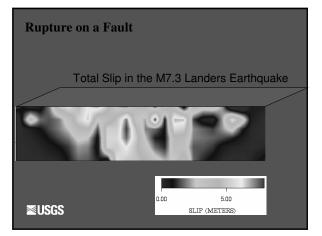




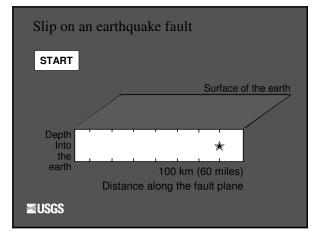
≊USGS



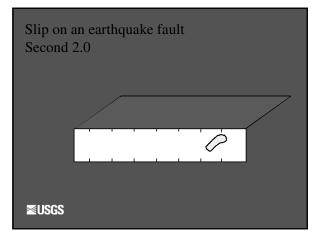


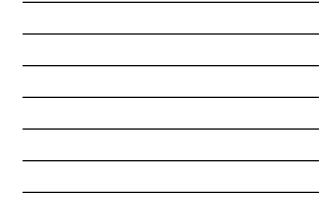


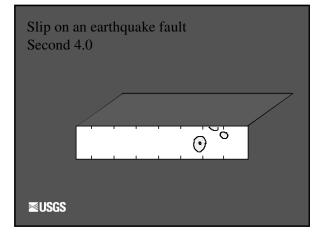


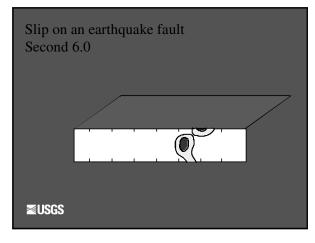


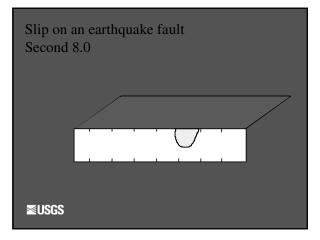


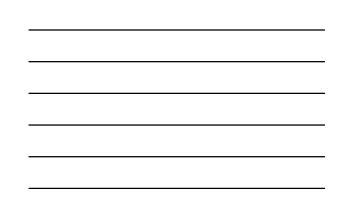


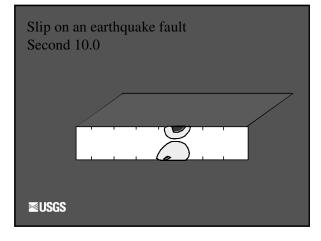


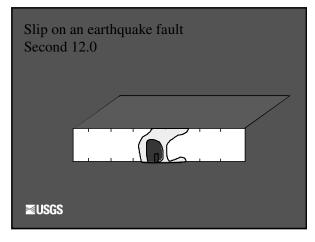


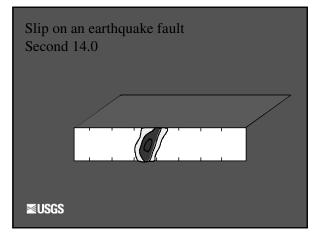


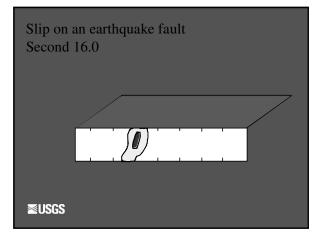


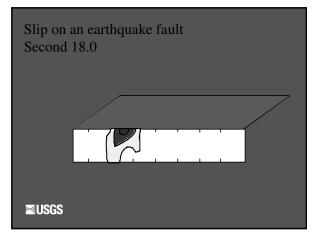


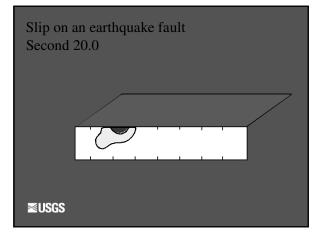




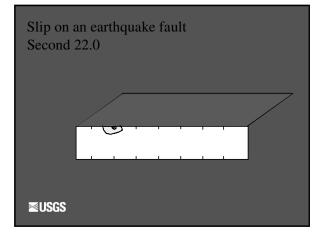


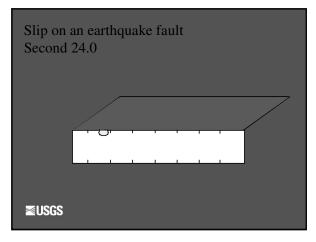


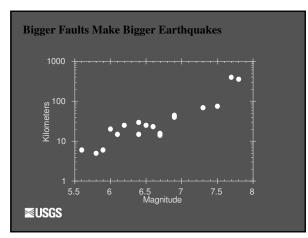




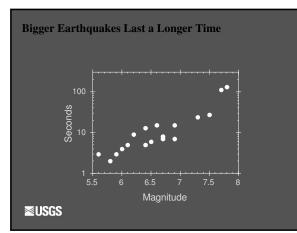












What Controls the Level of Shaking?

- Magnitude
 - More energy released
- Distance
 - Shaking decays with distance
- Local soils
 - amplify the shaking

≊USGS



