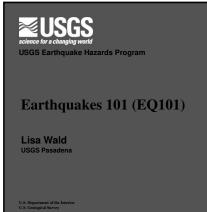
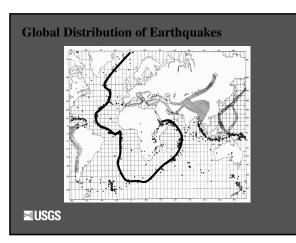
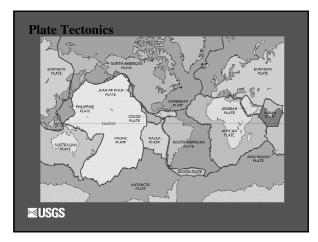
Earthquakes

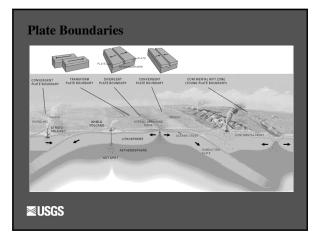
Geology 8L 2 April 2007 Lecture Slides Modified from USGS Presentation

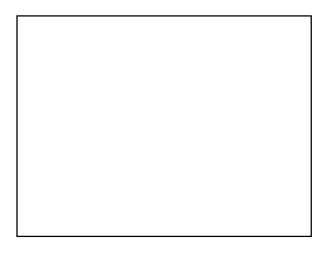


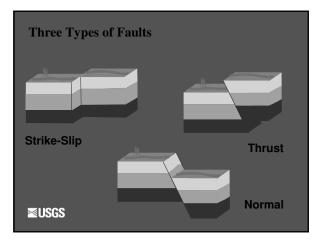




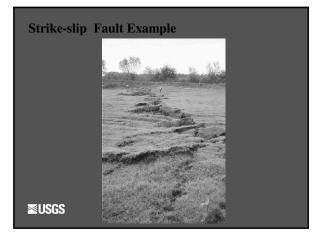




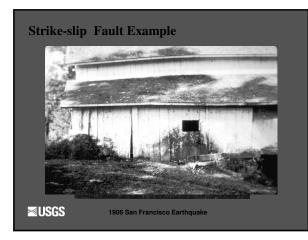


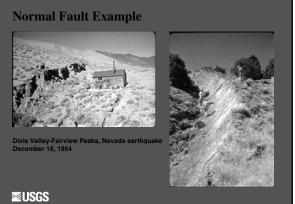










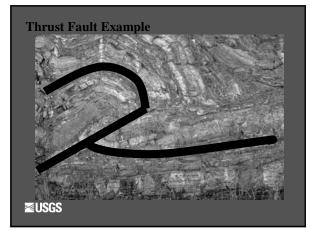


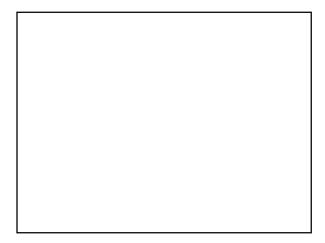


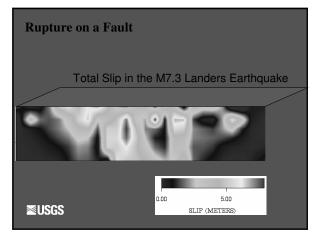




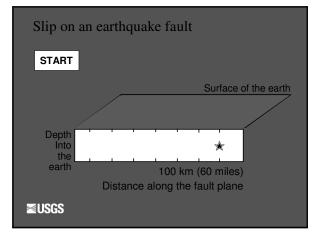
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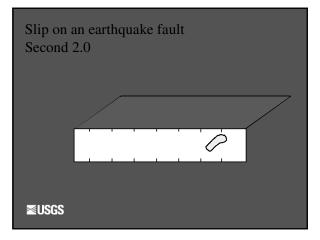




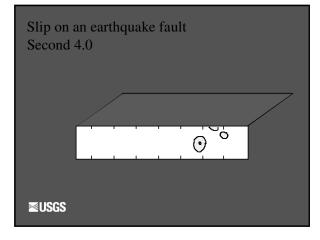


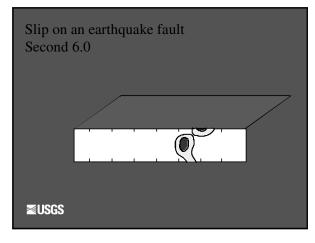


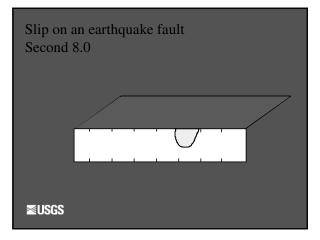




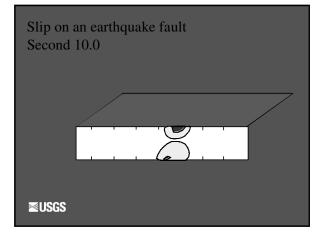


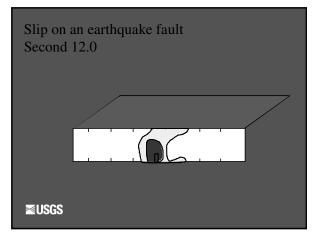


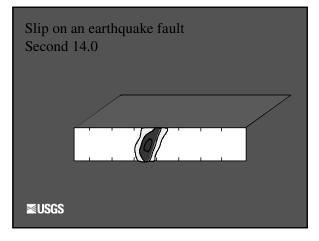


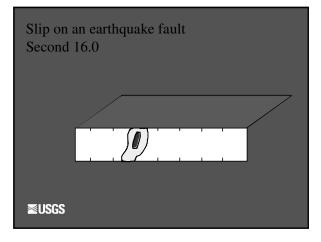


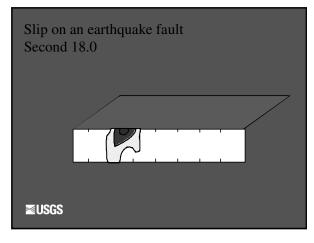


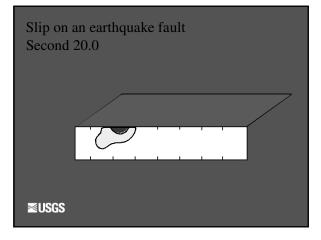




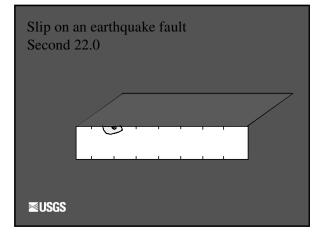


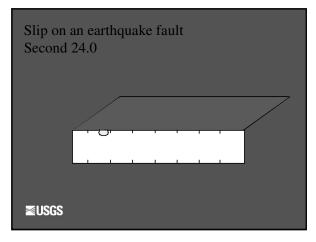


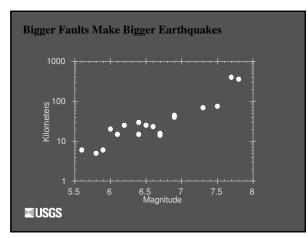




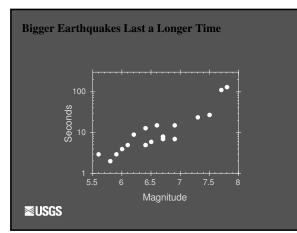












What Controls the Level of Shaking?

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

≊USGS



