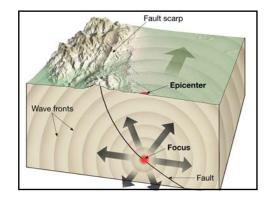
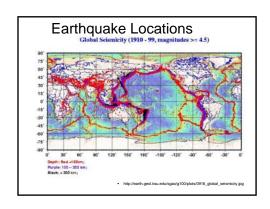
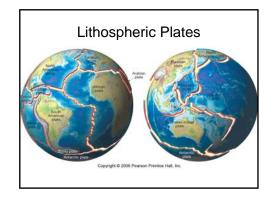
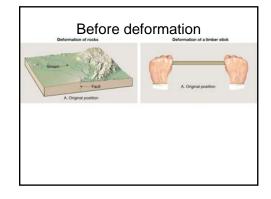
Evidence of Plate Tectonics Earthquakes

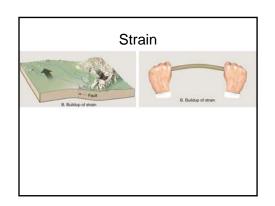


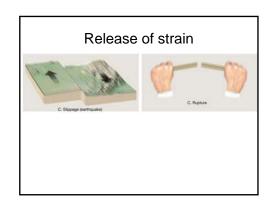


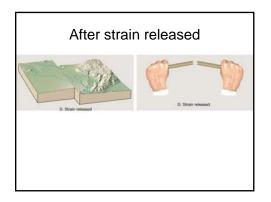


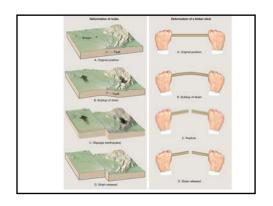


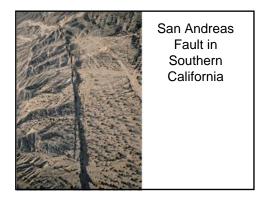




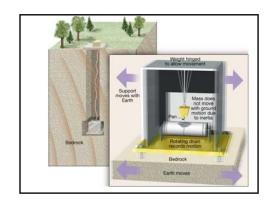


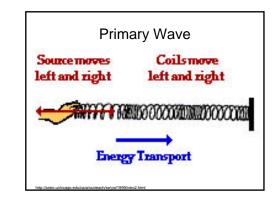






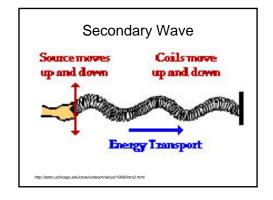


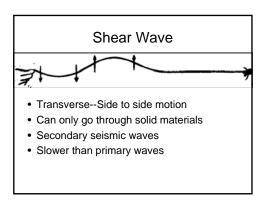


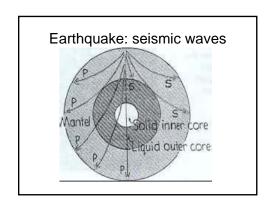


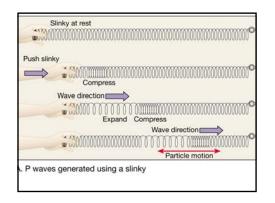
Pressure Wave

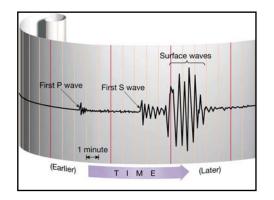
- Push-pull motion
- Parallel to direction of wave energy movement (propagation)
- Go through all types of materials
 - Sound waves are pressure waves
 - Primary seismic waves are pressure waves

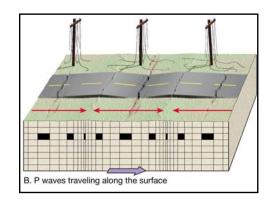


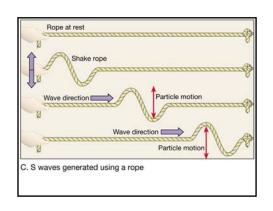


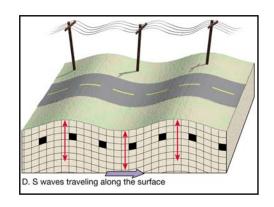


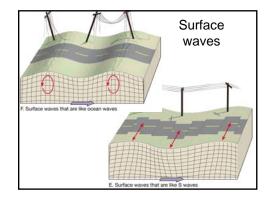


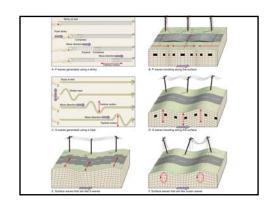


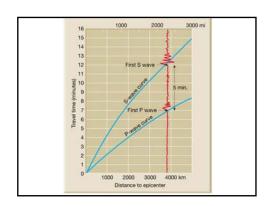


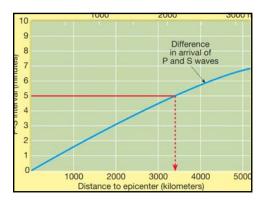


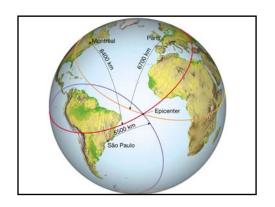


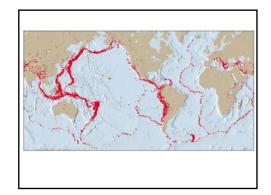


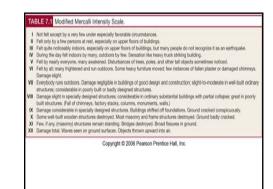


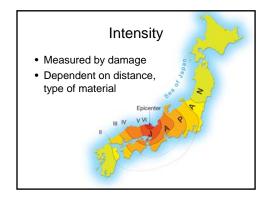














Seattle, WA

- Feb 28, 2001, Nisqually quake rocked the Central Puget Sound region
- 6.2 Richter Magnitude
- 6.8 Moment magnitude
- Centered 57.5 km south-southwest of Seattle and 52.4 km deep

http://www.scec.org/earthquakes/

http://128.205.131.100:591/archives/Seattle.html



