Earth’s Interior -- 12
Earthquake Waves--PSL

Earthquake source

Wave fronts

Rays

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Simple P Wave Travel
Soft Center Travel Paths
What We See...

Earthquake epicenter

Mantle

Outer core

Inner core

P-waves recorded

P-wave shadow zone

P-waves

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The Interior as we know it
The Layers

Plastic Mantle

- Inner core
- Liquid outer core

Crust

- Upper mantle
- Lower mantle
- Outer core
- Inner core

Core
The Crust/Mantle

Earth's Crust

Oceanic crust

Continental crust

Uppermost mantle

Asthenosphere (part of mantle)

Mantle continues downward

Lithosphere
The Molten Earth
The Earth