

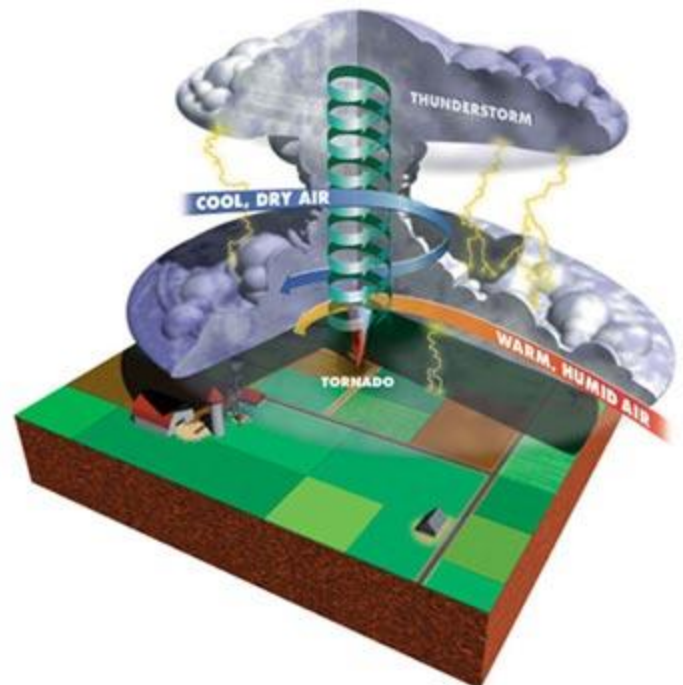
- **Natural Disasters**

- Floods
- Droughts
- Hurricanes
- Tornadoes
- Earthquakes



- **The invincible power of Nature**

- Tornadoes: A violently **rotating column** of air extending from a storm cloud to the ground.



- The wind **reaches** extreme **speed**

yt: VIDEO INSIDE A TORNADO!!! Aurora, NE Tornado, June 17, 2009

- The **trail of destruction** is terrifying.

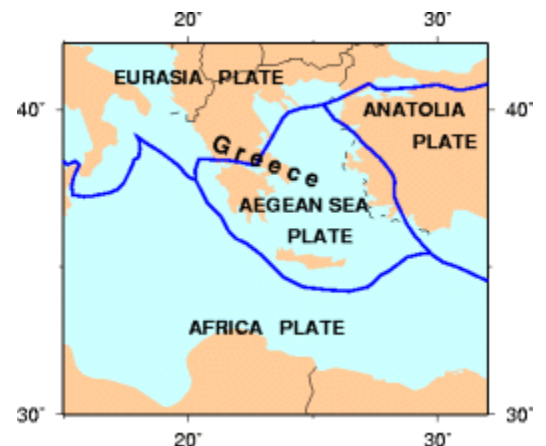
The **storm chasers** get as close as possible for  
**Observation purposes**

yt: VIDEO INSIDE A TORNADO!!! Aurora, NE Tornado, June 17, 2009

- **The invincible power of Nature**

- Earthquakes: they are caused by the movement of large **masses of earth** known as **tectonic plates**.

- The tectonic plates move along the **fault lines**:  
created by the pressure **generated by** the  
movement of the plates that form the Earth's **crust**.





- The **subduction** of one plate under another
- The **waves radiate** from the **epicenter**
- A) BODY waves: move within the earth in two stages
  - a) the primary is **longitudinal** (length)
  - and b) the second is **transversal** (vertical)

- B) SURFACE waves: move above the earth: move the ground up and down and causes **inevitable destruction**
- **Unfortunately man can cause even worse destruction!! The ENVIRONMENTAL POLLUTION and Climate Change have less abrupt outbursts but more long-term effects.**
  - Water pollution
  - Greenhouse effect
  - Global warming