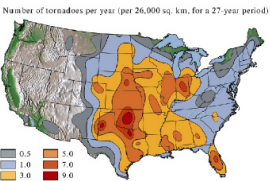


SIO15 TOPIC 19: HURRICANES

Leftovers from Topic 18

Tornado Alley



Conditions for Tornadoes to Form

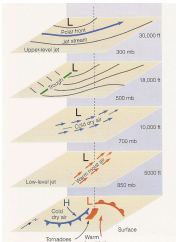
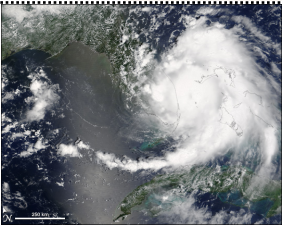


FIGURE 15.18
Conditions leading to the formation of supercell thunderstorms that
can spawn tornadoes.

Hurricanes

Hurricane 2005 Katrina

Galveston, TX



Hurricanes since Katrina

Hurricane Evacuations

2016 Matthew

2017 Harvey - 2005 Rita

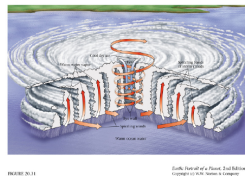


other 2017 hurricanes

What makes Hurricanes Destructive?

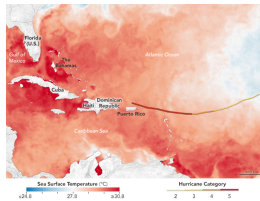
2012 Superstorm Sandy

The Features of a Hurricane

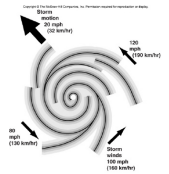


The Saffir-Simpson Scale

Conditions for a Hurricane to form



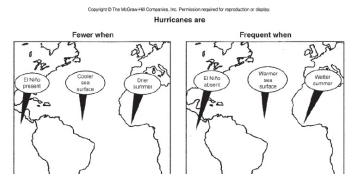
Wind Speeds in a Hurricane



The Development of a Hurricane



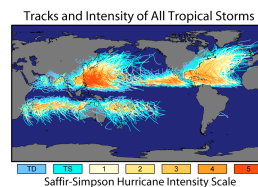
Hurricanes and El Nino



Where do Hurricane Occur?

Watch videos 15a,b

- Naming Convention
- Location and Frequency



- Hurricane Paths

Hurricanes in the East Pacific

Observations for SoCal

The Cold California Current