

# Notes for Hurricanes

- Hurricane Formation

- Large rotating storms with high winds above 74 mph
- Form over warm water with temperatures above 80°F
- As winds blow over warm water, moist air rises, cools, and condenses, forming a series of clouds that eventually join together and begin spinning due to the Coriolis effect.
- Center of storm is called the eye and is a low pressure system.
- As hurricane moves toward land, ocean water piles up and creates a storm surge. (Between 8 to 20 feet high)

- Damage

- Categorized wind speed and storm surge (F1 – F5)
- Dangers – high winds, flooding, debris, downed power lines.
- Hurricane season from June 1 until November 30.