

Hurricanes

What are they?

What is a hurricane?

▶ A hurricane is a huge storm! It can be up to 600 miles across and have strong winds spiraling inward and upward at speeds of 75 to 200 mph. Each hurricane usually lasts for over a week, moving 10–20 miles per hour over the open ocean.



The center of the storm or "eye" is the calmest part. It has only light winds and fair weather.

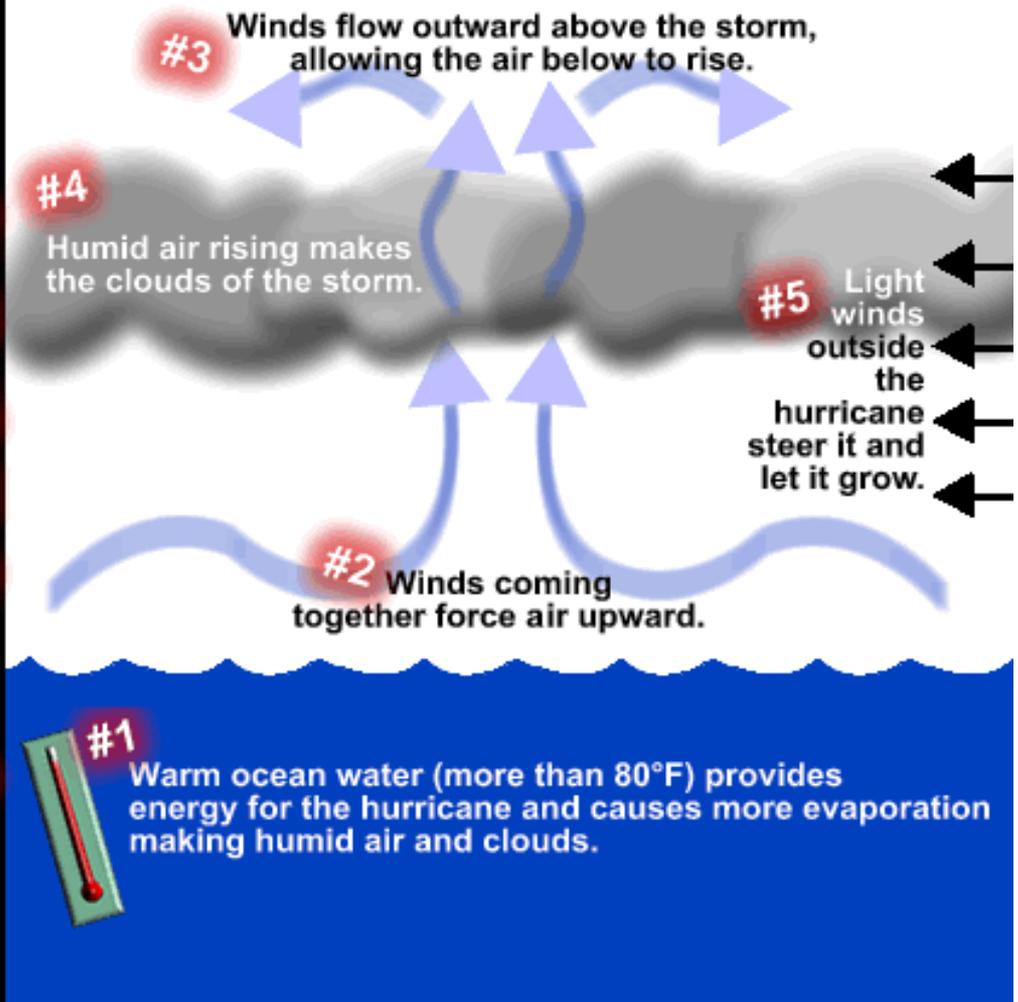


How do hurricanes form?

▶ Hurricanes only form over really warm ocean water of 80°F or warmer. The atmosphere (the air) must cool off very quickly the higher you go. Also, the wind must be blowing in the same direction and at the same speed to force air upward from the ocean surface.



**WHAT
DOES
A
HURRICANE
NEED?**



What is storm surge?

- ▶ Storm surges are frequently the most devastating element of a hurricane. As a hurricane's winds spiral around and around the storm, they push water into a mound at the storm's center. This mound of water becomes dangerous when the storm reaches land because it causes flooding along the coast.



Storm surges are dangerous!



When does hurricane season start?

- ▶ The Atlantic hurricane season is from June 1 to November 30, but most hurricanes occur during the fall months.



Who names hurricanes?

▶ Naming rights now go by the World Meteorological Organization, which uses different sets of names depending on the part of the world the storm is in. Around the U.S., only women's names were used until 1979, when it was decided that they should alternate a list that included men's names too. There's 6 different name lists that alternate each year. If a hurricane does significant damage, its name is retired and replaced with another.



Know the Lingo

- ▶ **TROPICAL STORM WATCH** – Tropical Storm conditions with sustained winds from 39 –74 mph are possible in your area within the next 36 hours.
- ▶ **TROPICAL STORM WARNING** – Tropical Storm conditions are expected in your area within the next 24 hours.



- ▶ **HURRICANE WATCH** – Hurricane conditions with sustained winds of 74 mph or greater are possible in your area within the next 36 hours.
- ▶ **HURRICANE WARNING** – Hurricane conditions are expected in your area within 24 hours



Hurricane Safety Tips

▶ **BEFORE A HURRICANE:** Have a disaster plan and a pet plan ready. Before a storm threatens, contact your veterinarian or local humane society for information on preparing your pets for an emergency. Board up windows and bring in outdoor objects that could blow away.



▶ Prepare a disaster supplies kit for your home and car. Include a first aid kit, canned food and a can opener, bottled water, battery-operated radio, flashlight, protective clothing and written instructions on how to turn off electricity, gas, and water.



AFTER A HURRICANE: Stay indoors until it is safe to come out.



Remember, safety first!!



2nd Annual
**Hurricane
Preparation**
for your **Pet**

When: Saturday June 19th
Time: 10am - 4pm
Where: 7511 Monroe Road

Microchipping and rabies
vaccinations will be provided

brought to you by...

EVACUATION
ROUTE