



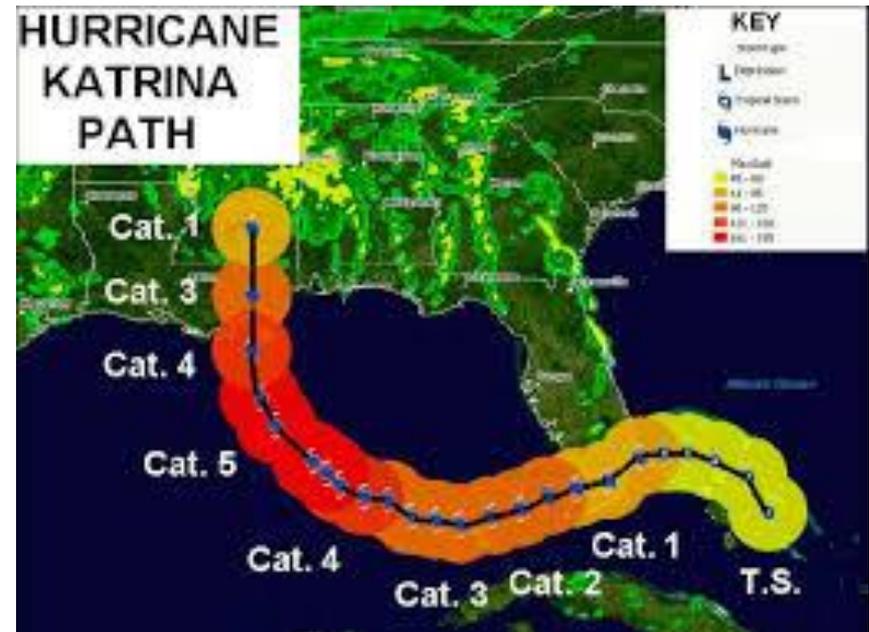
Case Study: Hurricane Katrina

- Category 5 tropical cyclone that occurred in August 2005, which caused \$125 billion in damage, particularly in the city of [New Orleans](#) and the surrounding areas, and over 1,200 deaths.



Prevent

- Prevention is the action taken to prevent a threatened or actual incident from occurring.
- Nothing you can do to prevent a hurricane
- BUT . . . you can prevent surprise
 - Weather forecasting was able to track the storm and update its predicted path





Mitigation

- Make less severe
 - eliminate or reduce the loss of life and property damage by lessening the impact of an event or emergency
- Plan: city and state made hurricane response plans
- Lessen effect of flooding by building levees, etc.





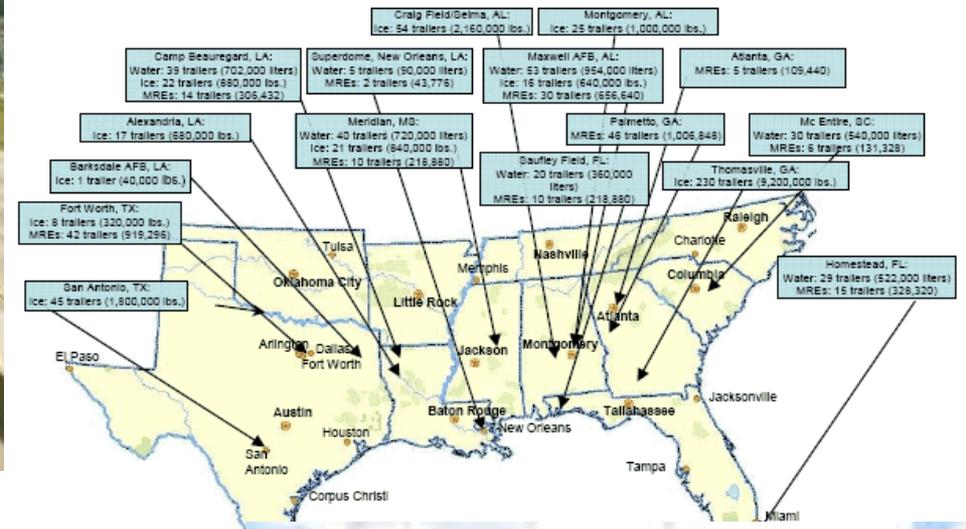
Protection

- Ongoing actions that protect people and property
- Evacuation plan
- Emergency Shelters for those who don't evacuate
- First responders in key locations
- Pre-position emergency supplies

Can I help educate and train people?
How can I prepare before a crisis?



Hurricane Katrina: Federal Commodities on Hand Pre-Landfall (as of August 29, 2005)





Respond

- Stabilize an emergency once it has already happened; establish a safe and secure environment; save lives and property; facilitate the transition to recovery
- First responders act
- Communication is key



- Flooding caused most of the loss of lives.
 - 80% of the city, as well as large tracts of neighboring [parishes](#), were inundated for **weeks**
 - Destroyed most of New Orleans' transportation and communication facilities, **leaving tens of thousands of people who had not evacuated the city prior to landfall stranded with little access to food, shelter or basic necessities.**
- Massive national and international response efforts; federal, local and private rescue operations evacuated displaced persons out of the city over the following **weeks.**

















Recovery

- Assist in restoring the normal operations after an emergency
- Family reunification plans
- Service restoral
- Business continuity/continuity of operations plans (CoOP)