

*2009 HURRICANE SEASON*

*Ocean City*

*COMMUNITY PREPAREDNESS*

*SEMINAR*

*May 13, 2009*

# Ocean City Emergency Services Director Joe Theobald

Hurricanes (Nature's Most Deadly Storms)

Ocean City's:

- Routine Daily Monitoring
- Hurricane Tracking Tools
- Emergency Operations Plan
- Emergency Operations Center

# HURRICANES

NATURES FURY



# HURRICANE KATRINA



# HURRICANE WIND CLASSIFICATIONS

Tropical Storm - 35MPH to 74MPH

- Category 1 - 74MPH to 95MPH
- Category 2 - 96MPH to 110MPH
- Category 3 - 111MPH to 130MPH
- Category 4 - 131MPH to 155MPH
- Category 5 - 156MPH +

# Galveston, Texas Hurricane Ike



# Galveston, Texas

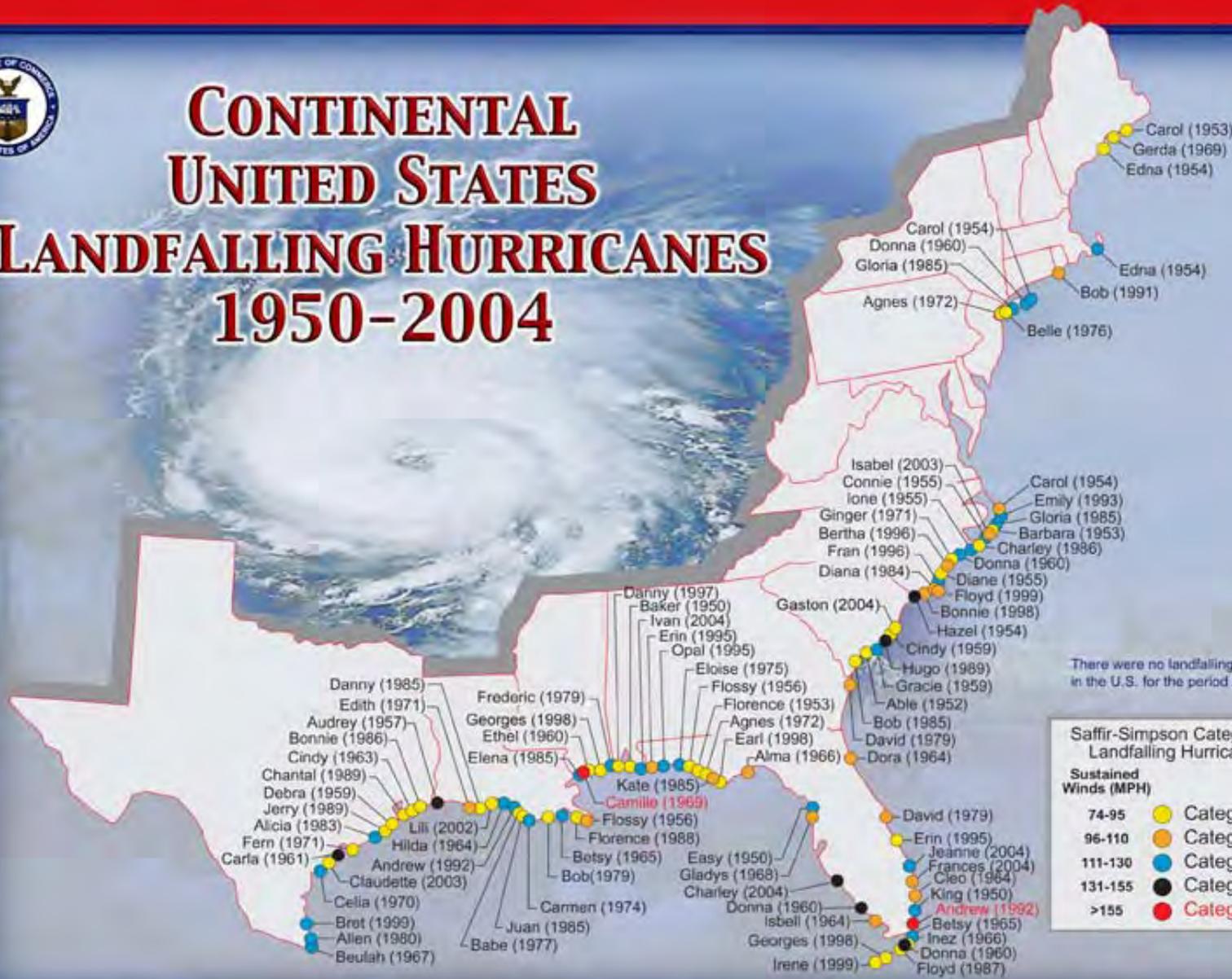


# CATEGORY 3 STORM SURGE





# CONTINENTAL UNITED STATES LANDFALLING HURRICANES 1950-2004



There were no landfalling hurricanes in the U.S. for the period 2000-2001.

Saffir-Simpson Category of Landfalling Hurricanes	
Sustained Winds (MPH)	
74-95	Category 1
96-110	Category 2
111-130	Category 3
131-155	Category 4
>155	Category 5



NOAA'S NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA

*Protecting the Past... Revealing the Future*

# 2009 Hurricane Prediction

ATLANTIC BASIN SEASONAL HURRICANE FORECAST FOR 2009

- 12 Named Storms (includes Tropical Storms and Hurricanes)
- 6 Hurricanes
- 2 Major Hurricanes (Category 3-4-5)

**PROBABILITIES FOR AT LEAST ONE MAJOR HURRICANE MAKING  
LANDFALL ON  
EACH OF THE FOLLOWING COASTAL AREAS:**

- Entire U.S. coastline - 54% (average for last century is 52%)
- U.S. East Coast Including Peninsula Florida - 32% (average for last century is 31%)
- Gulf Coast from the Florida Panhandle westward to Brownsville - 31% (average for last century is 30%)
- Average major hurricane landfall risk in the Caribbean 3

# OCEAN CITY EMERGENCY OPERATIONS CENTER (E.O.C)

- ❖ EOC MEMBERS

- ❖ EOC EQUIPMENT

- ❖ TOWN'S EMERGENCY OPERATIONS PLAN

# EMERGENCY OPERATIONS CENTER STAFFING

- Ocean City Mayor and City Council
- Ocean City Town Manager
- All Ocean City Departments
- Federal, State and County Allied Agencies
- Support Organization's (Delmarva Power-HMRA-Verizon-Eastern Shore Gas- DCMA-Montego Bay Assoc.- Media-etc.)

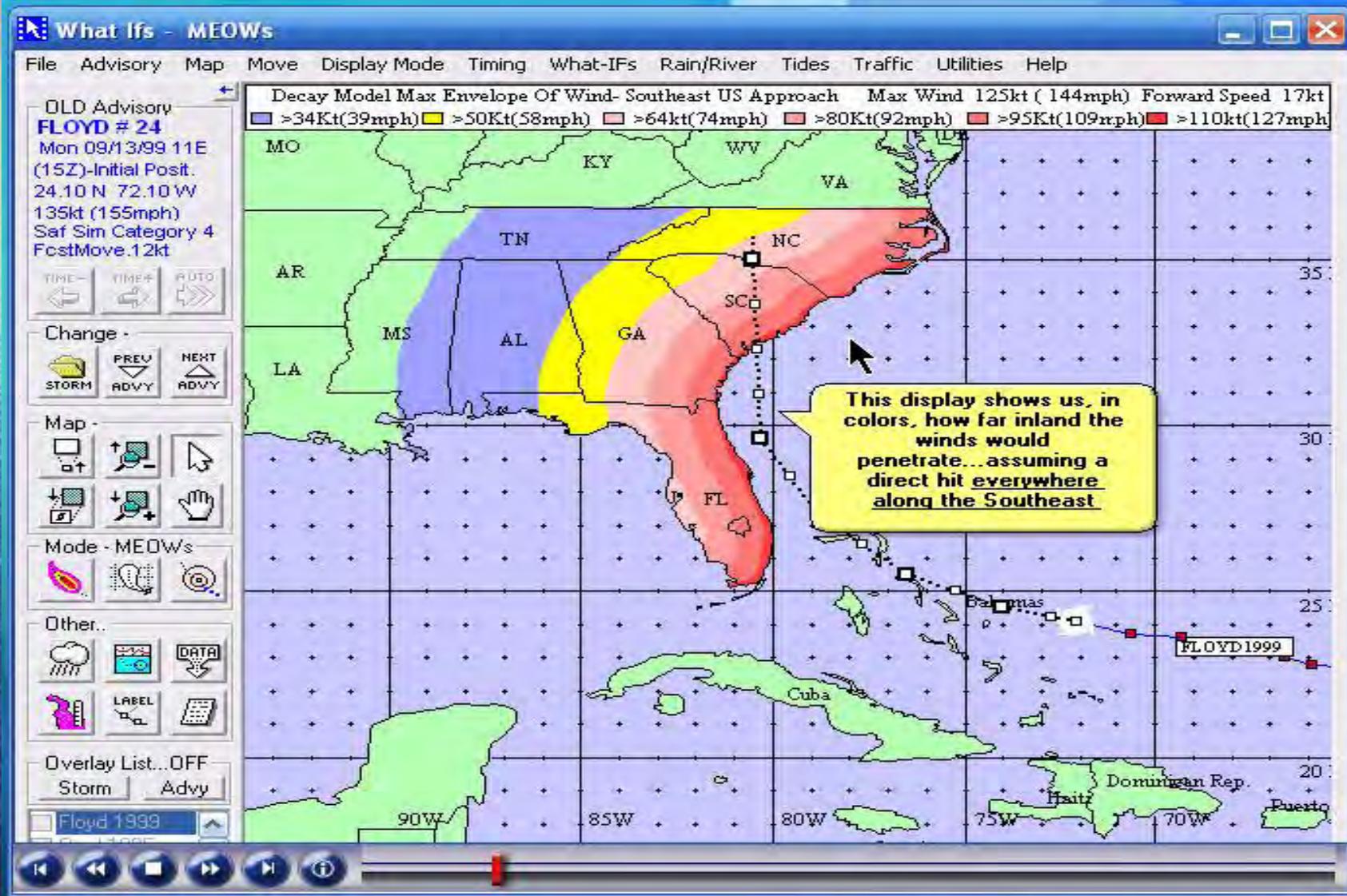
# Emergency Operations Center



# Ocean City E.O.C. Operations

- Full City Radio Monitoring capability
- Full Computer Aided Dispatch capability with all Departments
- Full Internet Access (HurrEvac-HurrTrak-WebEOC-EMnet)
- I.T. access for updating Government Access Channel and Ocean City Government Web Page's
- 10 additional phone lines

# Hurricane Tracking Software: HurrEvac



# OCEAN CITY EMERGENCY OPERATIONS PLAN (EOP)



# OCEAN CITY EVACUATION PHASES

## PHASE ONE:

- 1.) All persons desiring to travel to Ocean City, Maryland, are asked to postpone their visits until the existing situation improves.
- 2.) Mobile home residents in Ocean City and those living in known flood prone areas should secure their homes and prepare for possible evacuation.
- 3.) Persons should secure or move all watercraft.

# OCEANCITY EVACUATION PHASES

## PHASE ONE:... (Cont.)

- 4.) All persons are asked to tune into Ocean City Government Access Channel (Channel 4) for detailed information or advisories.
- 5.) Initiate evacuation of all international workforce students.
  - a.) All International workforce students will report to assigned transportation pick-up location.
  - b.) All International workforce students will be transported to predetermined staging location/s.
  - c.) The International workforce students will then be under the jurisdiction, and become the responsibility of, the State of Maryland, by prior agreement, for further transportation and relocation.

# OCEAN CITY EVACUATION PHASES

## PHASE TWO:

- 1.) All non-resident property owners, vacationers and visitors are requested to evacuate the island.
- 2.) All mobile home residents and occupants of known low lying areas are requested to evacuate.
- 3.) The Mayor will issue an order to close the Beach to all persons. **This order will be enforced.**
- 4.) Ocean City will utilize the municipal transportation system for relocation of people with special needs.

# OCEAN CITY EVACUATION PHASES

## PHASE TWO: cont....

- 5.) Ocean City has opened the Convention Center and the North Side Recreation Park as pre-designated pick-up locations to relocate people to mainland safe havens.
- 6.) The Worcester County Department of Emergency Services has opened, or is requested to open shelters.
- 7.) The draw span on U.S. Route 50 Bridge will be closed to all boat traffic and will remain closed.
- 8.) All persons should stay tuned to the Ocean City Government Access Channel (Channel 4) and local Radio and Television Stations for additional information.

# OCEAN CITY EVACUATION PHASES

## Phase Three

- 1.) **The Mayor of Ocean City, Maryland, has signed a proclamation declaring a local State of Emergency**
- 2.) **All persons other than identified Emergency Personnel are ordered to evacuate.**
- 3.) **Utilizing the authority under a local State of Emergency, the Mayor is banning the sale of all alcohol in Ocean City and requests that all businesses close immediately.**

# OCEAN CITY EVACUATION PHASES

Phase Three... cont.

- 4.) All incoming traffic to Ocean City, Maryland, will be limited to emergency personnel. No other vehicles will be permitted entry to the Island, except by approved authority (Mayor, City Manager, and Emergency Services Director).
- 5.) Ocean City Municipal Transportation System is providing transportation for special needs individuals.  
International student workforce evacuation has been completed.
- 6.) The Worcester County Department of Emergency Services has opened shelters.
- 7.) The Ocean City Government Cable Access Channel will remain operational for further advisories.

# OCEAN CITY EVACUATION PHASES

## Phase IV

- 1.) The Mayor has ORDERED a complete evacuation of Ocean City, Maryland. All remaining persons are to evacuate at this time.
- 2.) No incoming traffic will be allowed in Ocean City, Maryland until further notice.
- 3.) All public transportation is being shut down until further notice.
- 4.) The Mayor has ordered all City personnel to seek shelter and safe haven until further notice.
- 5.) Please stay tuned to NOAA weather radio and local Radio and Television Stations for further information or advisories.



## Attention Ocean City Residents: [Resolve To Be Ready](#)

### [H1N1 \(Swine Flu\) Information](#)

Welcome to the Ocean City Emergency Services Web Site. Please take this opportunity to explore the information we have assembled for you. We have attempted to provide you with a clear insight to our history and operation.

In addition, we are very interested in your [feedback](#). As an organization, in order to remain on the cutting edge of technology we continually look, listen and feel not only for the pulse of our staff but also the community and other emergency services organizations.

Our staff works very hard in Ocean City to be able to do one thing--- To make a difference!

See the [Emergency Management Page](#) for Preparedness Information relating to Manmade and Natural hazards.



6501 Coastal Highway - Ocean City, Maryland, 21842

#### [Ocean City, MD](#)

[Get the 10 day forecast](#)



## 70°F

Mostly Cloudy

Feels Like: 70°F

Humidity: 87%

Wind: SW at 12 mph

Enter city/zip



[weather.com](#)

[Airport Delays](#)  
[Sporting Events](#)  
[Pollen Reports](#)

[Today in Weather](#)

U.S. Aircraft - HIGH





# Town of Ocean City, Maryland EMERGENCY SERVICES



[Home](#)   [Communication Center](#)   [Electronic Services](#)   [Emergency Management](#)   [Fire-EMS](#)   [Feedback](#)

## Emergency Management

[www.OCMDEmergency.com](http://www.OCMDEmergency.com)

U.S. Aircraft - HIGH

### Main Menu

- [In the Beginning](#)
- [The First Experience](#)
- [The New Home](#)
- [The Future](#)
- [Disaster Relief Team](#)
- [Hurricane Information](#)

### Information on Disaster & Terrorism Preparedness:

[Worcester County Emergency Management Website](#)

State Emergency Management Websites:

- [Maryland Emergency Management Agency](#)
- [Delaware Emergency Management Agency](#)
- [Virginia Emergency Management Agency](#)

Visit The Department of Homeland Security Website:

- [www.Ready.gov](http://www.Ready.gov)

Hurricane/General Disaster Information Websites

- [Be Prepared](#) ( Family Oriented Information)
- [National Hurricane Center](#)
- [DisasterHelp.gov](#)
- [Worcester County Special Needs Registry](#)
- [Necesidades Especiales De La Emergencia](#)



### 2009 CERT Spring Class

Classes begin Monday, April 6th and will run each Monday evening for seven weeks (starting at 7PM).

To Register or for more info., call the Lower Shore Chapter of the American Red Cross at 410-749-5331

[Ocean City Local Emergency Planning Committee \(LEPC\)](#)

Next Meeting: May 21st at 1pm at the Public Safety Building

