Brevard County Office of Emergency Management

Brevard County Emergency Management
Robert Lay, Director
Charlie Roberts,
Sr EM Coordinator

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Brevard County

- 72 miles long, 24 wide; 1728 Sq Miles
- Pop; 508,000
- 12 Primary Shelters, 5 PSN shelters, 2 Pet friendly shelters, 15 backup shelters
- 2 major federal installations, KSC, PAFB,
- 16 Municipalities

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Brevard County

- 1 Space Port; 1 International Air Port; 3 Regional AP
- 1 Sea Port; FEC Rail; Intercostal water way; I-95
- 6 Acute Care Hospitals, 1 Level 2 Trauma
- 100+ Public Schools, 3 Colleges

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Emergency Management Mission

- Protect the public through organized response and recovery to natural and manmade disasters utilizing a CEMP with response protocols, recovery procedures, mitigation techniques and preparedness education

- 9 Full time personnel - 7 Emergency Management Staff, 2 Communications System Technicians

- Budget approximately $2.5 million...Approximately 900k in EM operations and remainder in communications

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Brevard County Government
Normal Structure

Constitutional Officers

Board of County Commissioners

Cities, Special Districts

Assistant, County Managers

Emergency Management Director

Legislative Liaison

Human Resources Director

Other Directors

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Hazard Analysis and Vulnerability Assessment

- Hurricanes/tropical storms
- Floods
- Severe weather
- Tsunamis
- Wildfires
- Hazardous materials spills/release

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Hazard Analysis and Vulnerability Assessment cont.

- Nuclear power plant host / ingestion pathway
- Civil disturbance and Economic disruption
- *Space Launch w/wo major radiological sources*
- Critical Public Infrastructure

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Emergency Operations Center

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Brevard County
Emergency Operations Center

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Emergency Operations Center

- Seat of Emergency Government
- Policy Group
- Operations and coordination of disaster/emergency
- Single voice to Florida DEM / local cities
- County Warning Point at EOC
- Response and Recovery...Mitigation and Preparedness
- Activate within 1 hour

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# Brevard County EOC Activations

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<th>Year</th>
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Current Plans

- Brevard County Comprehensive Emergency Management Plan, includes all types of emergency hazards and is unique as it includes space launch activities:
  - Risk management approach to launch activities
  - Only one existing in the world
  - Plan for toxic and launch with major radiological payloads on board

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Brevard County Emergency Management

- Responsible for the planning and mitigation of community hazards.
- Lead agency in the launch preparedness plan.
- Liaison with the 45th Space Wing and Kennedy Space Center.

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Launch Preparedness Plan

- Established parameters for possible public exposure to launch related bi-products
- Established an action plan for an incident.
- Places the entire system on stand-by during launch activities. EOC at level 2 activation.
- Places a representative in the Range Operations Control Center to provide first hand information.
Daytime Titan Failure: It does happen!
Federal and Local Contingency Planning Participants

- Department of Energy (DOE)
- NASA KSC/AF-45 SW
- State of Florida (DEM)
- Federal Emergency Management Agency (FEMA)
- Environmental Protection Agency (EPA)
- Jet Propulsion Laboratory (JPL)
- Department of Defense (DOD)
Concerns and Issues

- Long term **funding** for EM
- Need for common alerting and warning including cell phones (**cell broadcasting**)
- Need one **common standard management software system**: city through county to state, interactive (**“Region” uses Eteam throughout Region, stops at Region, Constellation is not answer for counties**)
Working Together is a way of Life on the Space Coast!