North Carolina Emergency Management

2011 in Review
A Christmas snow storm covered the entire state, marking the first such December storm in more than 60 years. Accumulations ranged from a trace along the southeast to more than a foot in the mountains and Rocky Mount. Four people were killed and more than 32,000 were without power. ~Dec. 24-26
Three people were injured and more than two dozen boats destroyed when a fire broke out at the McCotter Marina in Beaufort County. ~Jan. 7
January 10 Winter Storm

Between 1 and 17 inches of snow fell across much of the state before turning into sleet and freezing rain. State troopers responded to more than 2,500 calls. ~Jan. 10
Nine local and state agencies and more than 100 volunteers participated in a school shooter exercise to test coordinated response capabilities to a planned attack at a local school. ~Jan. 24
Civil Air Patrol POD Training

Civil Air Patrol members participated in Points of Distribution training. CAP volunteers can be tremendous assets during activation of a JRSOI or PODs. ~Feb 21-24
Nearly 80 first responders, NCNG troops and EM staff practiced rescuing hikers suspended from and trapped on rock ledges in mountainous areas. ~Feb 22-24
Statewide Tornado Drill

Schools, businesses and homes statewide held tornado drills to practice what to do when severe weather threatens. ~ March 2
Tornadoes and straight line winds struck Davidson and Surry counties in the first severe storm of the season. ~April 4
EBO Hurricane Exercise

Eastern counties tested their abilities to manage resources, use incident action and communications plans to respond to a major hurricane. The two-day exercise also focused on recovery efforts. ~April 5-6
Human Services ARC Training

NCEM Human Services and the American Red Cross state liaison trained ARC volunteers on state emergency operations. ~April 7
HART Training

27 local and state agencies trained together in Bladen County to perform 25 mock rescues of victims in submerged vehicles or stranded on islands. ~ April 13
Statewide Tornado Outbreak
April 16-17

24 deaths
130+ serious injuries
840+ homes destroyed
6,189 homes damaged
53 businesses destroyed
242 businesses damaged
20 counties declared for IA; 18 declared for PA
Tornado Damage
Tornado Response

RRT 1 Williamston, RRT 2 Greensboro and RRT 7 Charlotte partnered with USAR 6 Greensboro, USAR 10 Greenville and USAR 11 New Hanover/Wilmington to search for and rescue victims from the tornado outbreak.
Tornado Response

23 shelters opened in 13 counties to house 375 occupants.

12 counties declared local States of Emergency.

Governor declared statewide State of Emergency and requested expedited federal disaster declaration.
NCEM/FEMA community relations teams went door-to-door with information and held applicant briefings for local governments. Disaster Recovery Centers provided one-on-one assistance for survivors. April-June
Media Outreach – April Tornadoes
FEMA, NCEM, SBA and volunteer groups worked side by side for three months to provide a unified recovery operation for tornado survivors. More than 400 FEMA, 50 NCEM and 35 SBA employees worked from the JFO. ~April - July
Recovery Operations – April Tornadoes

- $20 million grants/loans
- 9,700 registered for assistance
- 14 Recovery Centers opened
- 4,679 visited DRCs
- 6,200 homes inspected
Tornado Housing Assistance

$5.2 million for temporary housing & home repairs
$9.9 million in SBA loans for homeowners, renters & businesses
36 FEMA temporary trailers
Fifth Plague Exercise

NCEM, Public Health, Agriculture and others participated in a bio-terrorism exercise to test the state’s capability to protect the public’s health and ensure agriculture and food safety. ~May 3-4
Pains Bay Fire

Started by a lightning strike in early May, the Pains Bay Fire burned more than 45,300 acres in the Alligator River National Wildlife Refuge (Dare Co.) before being contained. More than 230 crew spent eight weeks fighting the fire.

~ May 5 - late June
Severe weather moved through the county killing two sisters, damaging 10 structures, blocking roads and knocking out power to much of the county. ~ May 11
Gov. Perdue, Doug Hoell and Warren Lee (New Hanover EMD) briefed President Obama, DHS Secretary Napolitano and FEMA Director Craig Fugate on North Carolina’s readiness for hurricanes. ~ June 1
Maritime Security Exercise

More than 200 people from a dozen local, state and federal agencies rehearsed their coordinated response efforts to various scenarios including an explosion, cargo ship fire, mass casualty incident and hostage situation. ~June 13-17
Started by a lightning strike in Pender County’s Holly Shelter Game Lands, the fire was quickly fueled by wind, drought conditions and peat soil. More than 31,000 acres burned before the fire was contained. ~ June 19 – July 31
A contained wildfire in Bladen County was fueled by strong, erratic winds. Bladen County EM evacuated the area. The fire destroyed three homes, 11 buildings and burned 5,400+ acres before it was contained.

~June 20 – August 13
More than 50 military and EM staff participated in the Fourth Annual DOD summit to discuss coordinated preparation and response to a major storm impacting one or more NC military bases. ~ June 22
SERT Hurricane Briefing

NCEM met with State Emergency Response Team partners to discuss preparations and coordinated response to potential tropical storms or hurricanes.

~July 12
NCEM, Duke Energy, Catawba, Gaston, Iredell, Lincoln and Mecklenburg counties tested their coordinated response to a nuclear event as part of the required biennial fixed nuclear facility exercise. ~ August 9
HART Rescue

While training in Caldwell County, NC HART team was called to rescue teen who had tumbled 50 feet from overlook. ~ August 18
A 5.9 magnitude earthquake – the second largest ever recorded in Virginia – struck between Louisa and Mineral, but could be felt in all parts of North Carolina and up to New York City. Aftershocks continued into late November. ~ August 23
Hurricane Irene
August 27-28

7 deaths
119 homes destroyed
2,000+ homes damaged
Thousands of families displaced
Irene Response

Thousands of families displaced
38 counties declared IA
37 counties declared PA
$650 M Disaster (estimated total)
Irene – Community Outreach

NCEM/FEMA employees canvassed communities and held multiple meetings from August through November to provide information to storm survivors and help families register with FEMA/SBA for disaster assistance.
Media Outreach – Irene
Joint Field Office – Hurricane Irene

FEMA, NCEM & others co-located in one office to provide unified recovery operations for public affairs, community relations, planning, operations and logistics. 400+ FEMA employees, 50 NCEM employees and 38 SBA employees worked at the JFO from early September to early December.
Recovery – Hurricane Irene

$67 million grants/loans
35,000+ registered for assistance
31 Recovery Centers opened between Aug. 31 and Nov. 4
17,666 visited DRCs
27,170 homes inspected
Irene – Housing Assistance

Matched 4,400+ families with rental resources; housed 280 families temporarily in hotels/motels; placed 190 Temporary Housing Units on owners property to provide safe and sanitary housing while they repair or rebuild their homes.
Cary’s CERT team assembled & distributed 200 starter emergency kits to get low-income residents disaster ready as part of National Preparedness Month ~ Sept 24
NCEM Wins TAG Pistol Match

NCEM wins 21st TAG Invitational for the second consecutive year. NCEM has won five matches in past 10 years.
~ Sept 24
Cyber Security Exercise

NC is one of five states chosen nationally to participate in a comprehensive cyber security training and exercise program. Multiple city, county and state agencies and private companies are participating in the program. ~January 2011 – March 2012
NCEM completed the all-hazard risk assessment statewide. Information came from local jurisdictions via the DPRs.
The State Emergency Response Commission met quarterly to discuss current security developments and initiatives. The SERC is responsible for protecting the state’s citizens and environment through effective emergency planning. The 18-member group prioritizes and approves homeland security funding for the state.
CBO SAR Exercise

Nearly 150 rescuers from 20 counties and several non-profit agencies searched for missing and injured hikers in a search & rescue exercise in the Uwharrie National Forest (Montgomery Co.). ~ November 7
Swift water rescue technicians from the United Kingdom trained with NC teams in the classroom, ground, air and boat operations. ~ October 3-7
Davidson-Rowan Tornadoes

Two people were killed, two dozen homes destroyed and 75+ homes and businesses were damaged as severe storms moved through the area. ~ November 16
Other 2011 Events

✓ Union County CSX train wreck – May 24
✓ Cherokee County plane crash – May 25
✓ Halifax County fire – July 8
✓ Harnett County forest fire – July 19-20
✓ Mecklenburg flooding – August 5
✓ Wilson County tornadoes – August 6
✓ Union County plant explosion – August 16
✓ Burke County HART rescue – October 16
Harris Nuclear Drill

NCEM, Progress Energy, Chatham, Harnett, Lee and Wake counties tested their coordinated response to a nuclear event as part of the required biennial fixed nuclear facility exercise. ~ November 29
Other 2011 Training & Exercises

- EBO Exercise – Feb. 21-24
- SAR Exercise – March 30-April 3
- NCEM-ECU Hurricane Workshop – May 18
- Hyde County Hurricane Workshop – May 19-20
- CERT Classes in Spanish – June 3-5
- EBO SAR Workshop – June 15
- EBO SARTREK – October 2
- EBO HART Training – November 15
- Multi-hazard planning for schools
- Wake MSN Drill
- Oil Spill Exercise – March 22
Hazardous Materials Studies

Completed hazardous materials studies for Domestic Preparedness Regions 4 and 6. (NCEM has now completed hazmat studies in DPRs 1, 2, 3, 4 & 6.) The information will be used by NCDOT and NC Public Health to make hazmat transportation safer. Studies are slated in DPR 8 and 9 during 2012.
2011 Initiatives & Accomplishments

- Completed Homeland Security State Preparedness
- Began Hurricane Evacuation Study
- Attended & Presented National Hurricane Conference
- Attended National UASI/Terrorism Conference
- Implemented New EMPG Format
- Conducted In-Service Training
New NCEM Team Members

Brian Barnes  Patrick Lake  Andrew Langan
New NCEM Team Members

Kurt Golembesky

Dan Burbaker
New NCEM Team Members

Don Moye

Brian Falconer
New NCEM Team Members

Donna Leonard  Kathy Brewer  Ed Koch
Gone But Not Forgotten

Ed Jenkins

Ron Wall
Gone But Not Forgotten

Derrick Remer

David Weldon
Gone But Not Forgotten

Cory Grier

Bettye Poole