



# ANNUAL REPORT

# 2018



NORTH CAROLINA DEPARTMENT OF PUBLIC SAFETY



# LETTER FROM THE DIRECTOR



**TWO HURRICANES, THREE WINTER STORMS, A TORNADO, FLOODS AND MUDSLIDES, AND A NEW HURRICANE OF RECORD — NORTH CAROLINA WILL BE RECOVERING FROM THE EVENTS OF 2018 FOR A LONG TIME. SOME OF OUR COUNTIES WERE HIT BY TWO OR THREE SIGNIFICANT DISASTERS THIS YEAR, BUT ARE ON THE ROAD TO RECOVERY.**

I'm so proud of our emergency management community in North Carolina for its work this year, from our local emergency managers, to our state team and our federal partners. Your outstanding work saved lives and helped alleviate suffering for thousands of North Carolina residents.

We will spend the next few years recovering from the devastating floods of Hurricane Florence, which impacted some of the same areas hit by Matthew in 2016. We are working with new recovery programs and strategies and improving with every response and recovery mission we face.

Our partners in the private sector are rising to the occasion to support the state. More than 300 businesses joined our Business Emergency Operations Center program this year—it now numbers more than 640 companies strong. Those companies donated more than \$20 million to support disaster relief in North Carolina this year.

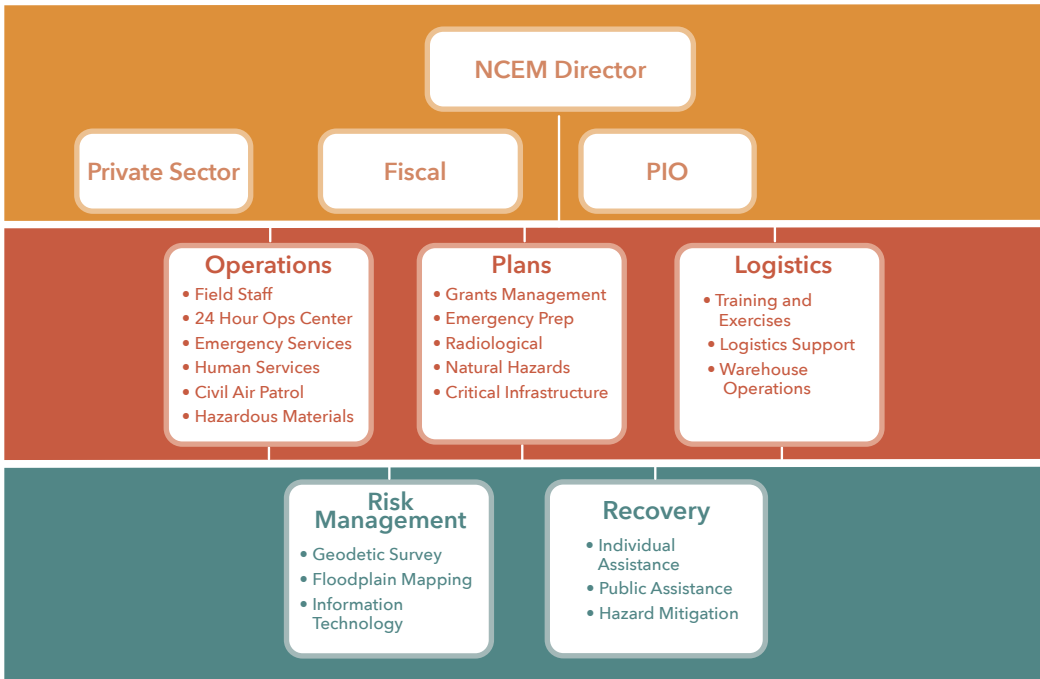
To all our local, state, federal and private sector partners - I say thank you for a job well done! Recovery is a marathon, not a sprint. Hang in there, we're in this for the long haul.

I'm proud to work with the team that's the best in the nation.

Mike Sprayberry, Director

# ABOUT EMERGENCY MANAGEMENT

**NORTH CAROLINA EMERGENCY MANAGEMENT WORKS TO ENHANCE THE STATE'S RESILIENCY BY ACTIVELY COLLABORATING, COMMUNICATING AND COORDINATING TO PREVENT, MITIGATE, RESPOND AND RECOVER FROM DISASTERS.**





## AUTHORITY

North Carolina Emergency Management is granted the responsibility and authority to respond to emergencies and disasters by the governor via General Statute § 166-A (The North Carolina Emergency Management Act). The agency is nationally accredited under the Emergency Management Accreditation Program, affirming NCEM's ability to provide continuous and consistent response to disasters by bringing together necessary staff and resources from local, state, private and volunteer organizations.

## RESPONSIBILITY

NCEM administers state and federal grants, manages multi-agency disaster responses, oversees all hazards and threat risk management, coordinates regional hazard mitigation plans, facilitates trainings and exercises, and manages assets such as the regional hazmat response teams and search-and-rescue teams. In addition, the agency develops and maintains flood maps for each county in North Carolina and

maintains the official survey database for the state. Both tools support mapping, boundary determination, infrastructure development and floodplain mapping that are critical to future safe development. NCEM also manages the state's Homeland Security program and partners closely with the Center for Safer Schools. The division maintains the State Emergency Operations Center in Raleigh which serves as the command center during emergency response events. The NCEM director is appointed by the governor and reports to the Secretary of Public Safety.

## ORGANIZATION

North Carolina Emergency Management is currently comprised of 217 full-time positions and more than 100 temporary employees or reservists. Three branch offices with 26 field staff support local communities by responding to emergencies, helping to develop response plans at the county level and fielding requests for state assets.

# NCEM FUNDING

## **NCEM RECEIVED MORE THAN \$35.7 MILLION DOLLARS IN STATE AND FEDERAL FUNDS AND RECEIPTS THIS PAST YEAR.**

The \$3.4 million received from state appropriations pays for salaries and operational costs. Receipts received from the radiological preparedness, flood plain mapping programs, and hazardous materials fees amounted to \$9.6 million and pays for salaries, operating costs and contractual obligations.

Pass-through or contracts for federal grants to county and state partners total \$21.3 million. Hazard Mitigation and Public Assistance continues to reimburse local governments and state agencies for Hurricane Matthew expenses.

## **EACH YEAR, NCEM FUNDS:**

- provide equipment for local, county and state agencies
- provide training and exercises for first responders, local and state emergency management staff
- support annual exercises to ensure state and local agencies are ready for all types of emergencies (including incidents at fixed nuclear facilities)
- operate the statewide flood plain mapping program, the geodetic survey program and the National Flood Insurance Program
- support the regional response hazardous materials program across the state
- enable response to real emergencies and disasters when they occur anywhere in the state
- facilitate long-term recovery from past disasters, and
- ensure the state maintains 24/7 capability to assist local governments in disasters

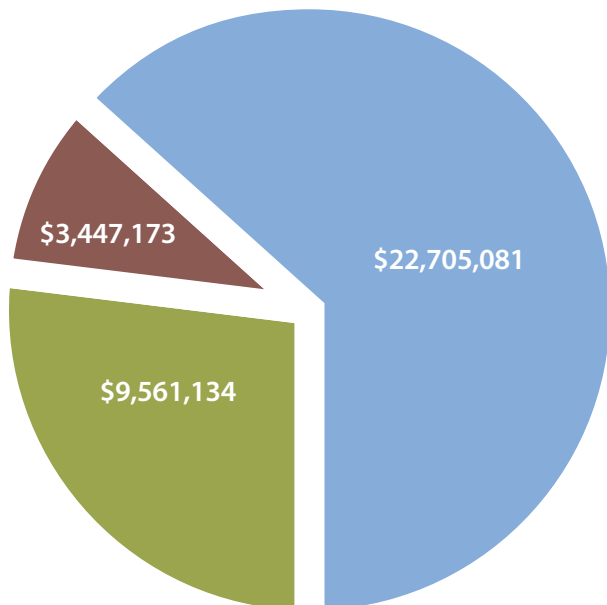
## **FUNDING USES**

	Amount
Salaries and Operating	\$19,079,980
Pass-through to counties, state agencies and contractual	\$21,362,295
Disaster Grants (Public Assistance and Hazard Mitigation)	\$6,825,892
Hurricane Matthew (Public Assistance)	\$78,636,947
Hurricane Matthew Disaster Recovery Acts of 2016 and 2017 (state dollars)	\$8,682,900



Photo credit: FEMA

## BREAKDOWN OF TOTAL FUNDING



Funding Source	Amount
Federal	\$22,705,081
State Appropriations	\$3,447,173
Receipts	\$9,561,134



Area 4 coordinator Reid Southerland on the scene of a fire at a Duplin County grain elevator.

## RESPONDING TO THE CALL

**NCEM SERVES AS THE STATE'S REPOSITORY FOR ALL EMERGENCY NOTIFICATIONS INCLUDING SEVERE WEATHER THREATS, MISSING PERSONS CALLS, HAZMAT SPILLS, FISH KILLS, SEARCH AND RESCUE MISSIONS, FOREST FIRES, SEWAGE LEAKS AND A VARIETY OF OTHER THREATS.**

Incidents are reported by local, state and federal authorities to the NCEM 24-hour operations center to be documented in official records.

### 2018 CALLS TO EOC

Bomb Threat	18
Complaint	257
Fire	64
FNF/Non-FNF	4
HazMat	1,317
Other	188
Search and Rescue	273
Sinkhole	5
Transportation	150
Wastewater	335
Weather	477
Total	3,088



Three NCEM branch offices support local communities by responding to emergencies, helping to develop county and regional response plans and fielding requests for state assets. Field staff work with 99 local emergency planning committees and nine domestic preparedness regions to coordinate ongoing training and exercises.

While most emergencies are typically resolved at the local level, emergency management officers are available at all hours to respond to resource requests and notify other affected agencies if needed.

## HAZARDOUS MATERIALS RESPONSES

Regional Hazardous Materials Response Teams (RRTs) responded to 32 state hazmat missions, nearly 300 local missions and participated in 54 training missions. Hazardous materials response involves providing technical advice to local responders and providing support to local responders during chemical releases, transportation incidents and criminal acts.

Regional Response Team 2 is based in Wilmington.



# EMERGENCY DECLARATIONS

**GOVERNOR ROY COOPER DECLARED STATES OF EMERGENCY SEVEN TIMES DURING 2018, AND ORDERED A MANDATORY EVACUATION OF NORTH CAROLINA'S COASTAL ISLANDS AS HURRICANE FLORENCE APPROACHED, A FIRST FOR A NORTH CAROLINA GOVERNOR.**

**NORTH CAROLINA EMERGENCY MANAGEMENT AND PARTNERS ON THE STATE EMERGENCY RESPONSE TEAM COORDINATED RESPONSE EFFORTS TO PROACTIVELY PREPARE CITIZENS, MAINTAIN ORDER DURING THESE EVENTS AND ASSIST WITH RECOVERY.**

## WINTER STORM

**JANUARY 3 – 12**  
(Executive Orders 31 & 32)

Winter weather struck the state as a powerful storm slammed the entire east coast. Bitterly cold temperatures plunged North Carolina into an unusual cold snap for a week. Up to three inches of snow fell in Piedmont counties and 6-12 inches fell in coastal and northeastern counties. The storm caused four fatalities and power outages for 20,000 homes and businesses.

## WINTER STORM

**JANUARY 16 – FEBRUARY 6**  
(Executive Orders 34 & 35)

The second winter storm in two weeks was an even bigger snowmaker, dumping up to 12 inches across Durham, Chatham, Granville and Franklin counties. One storm-related fatality occurred in a Washington County traffic accident.



NCDPS Secretary Erik Hooks speaks with local emergency officials while surveying Hurricane Florence's flooding in Fayetteville.

## GUILFORD/ROCKINGHAM TORNADO

**APRIL 20 – JUNE 26**  
(Executive Order 41)

A tornado touched down in east Greensboro on April 15 and left a 30-mile long path of destruction, north into Rockingham County. Forty-one homes or businesses were destroyed and 187 suffered major damage. One person died when a tree fell on a vehicle. A federal disaster declaration was issued for this event.



Photo credit: NCDOT

A western North Carolina Creek swollen by waters from Tropical Storm Alberto swamped this NCDOT dump truck.

## WESTERN NC FLOODING/ TROPICAL STORM ALBERTO

MAY 30 – JUNE 28  
(Executive Orders 44 & 45)

Nearly three weeks of rain and the remnants of Tropical Storm Alberto in May brought rainfall amounts up to 20 inches in some western North Carolina locations, causing serious flooding and mudslides. Five people died.

## HURRICANE FLORENCE

SINCE SEPTEMBER 7, 2018  
(Executive Orders 51-67)

This extremely slow-moving hurricane trailed across North Carolina, dumping rain for three days. More than \$17 billion in damages made Florence North Carolina's most costly storm. Responders rescued more than 5,000 people from floods. Nearly 22,000 people sought safety in more than 100 shelters on Sept 15. A state of emergency remained in effect at year's end.

## HURRICANE MICHAEL

OCTOBER 10 – NOVEMBER 7  
(Executive Orders 74 & 75)

After a devastating landfall in Florida's panhandle, Michael caused four deaths in North Carolina. More than 100 people were rescued from flash flooding and eight temporary shelters opened. Power outages affected more than 870,000 homes and businesses.

## WINTER STORM

DECEMBER 7 – 20  
(Executive Orders 83 & 84)

More than 20 inches of snow fell in some parts of North Carolina and more than 500,000 homes and businesses lost power. Two deaths were connected to this early winter storm.

# DISASTER DECLARATIONS

**WHEN RECOVERY IS BEYOND THE SCOPE OF THE LOCAL GOVERNMENT'S CAPABILITY A STATE OR FEDERAL DISASTER DECLARATION MAY BE NEEDED TO PROVIDE ADDITIONAL RECOVERY FUNDING AND RESOURCES.**

Through the Individual Assistance (IA) program, grants from FEMA help individuals, families or business owners repair their property and replace essential items. Low-interest loans from the U.S. Small Business Administration (SBA) are available to home and business owners as well. Modeled after FEMA's program, North Carolina has one of the few state-level programs in the nation to help individuals and families recover.

The Public Assistance (PA) program provides federal or state funds to help overwhelmed communities recoup some of their costs for essential services to respond to a disaster, repair essential infrastructure and/or clear potentially hazardous debris.

Fire Management Assistance Grants (FMAG) are specifically devoted to help those communities ravaged by forest fires recover from the blaze.



Photo credit: FEMA

## 2018

### **POLK/CALDWELL TORNADOES**

- A state disaster declaration granted April 24 provided Public Assistance to the Town of Tryon in Polk County and the Village of Cedar Rock in Caldwell County, which were hit by tornadoes spawned by the remnants of Tropical Storm Nate in October 2017.



## **GUILFORD/ROCKINGHAM TORNADO**

**APRIL 15**

- Federal disaster declaration for Guilford and Rockingham counties for Individual Assistance. More than \$707,000 provided to 229 approved applicants.
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## **WESTERN NC FLOODS/ SUBTROPICAL STORM ALBERTO**

**MAY**

- The U.S. Department of Agriculture and SBA activated disaster relief programs, but a federal disaster declaration for this event was denied. At year's end, work was underway for a state disaster declaration for qualifying areas.
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## **HURRICANE FLORENCE**

**SEPTEMBER**

- Federal Individual Assistance and/or Public Assistance declared for 52 counties.
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## **HURRICANE MICHAEL**

**OCTOBER**

- Federal disaster declaration granted on January 31, 2019, provides Public Assistance for 21 counties. In February 2019, U.S. Department of Agriculture made emergency loans available to farmers in those 21 counties and adjacent counties.
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Team members from NC Office of Emergency Medical Services pack up elements of the mobile emergency department before its return home from the Florida Keys.

# SUPPORTING OTHERS THROUGH EMAC

**NORTH CAROLINA ANSWERED THE CALL THROUGH THE EMERGENCY MANAGEMENT ASSISTANCE COMPACT, SENDING HELP WHERE IT WAS NEEDED IN 2018.**

## MOBILE HOSPITAL ASSETS ON LONG-TERM ASSIGNMENTS

- A mobile operating suite from the state's mobile hospital assets deployed to St. Croix, U.S. Virgin Islands while a local hospital is repaired from Hurricane Maria's damage. Equipment remained deployed at year's end.
- A mobile emergency department served in Marathon Key, Florida, after Hurricane Irma, while repairs were made to Fisherman's Hospital. Equipment returned home in April and was rehabbed in preparation for the 2018 hurricane season.

## KILAUEA VOLCANO ERUPTION

May 14 - June 30

- Three incident management teams totaling 25 members, including local and state emergency managers and first responders, spent a combined six weeks assisting Hawaii County Civil Defense Agency with response to the Kilauea Volcano Eruption.

## ALASKA EARTHQUAKE

December 5-12

- Three private sector structural engineers, volunteering through the Design Professionals Organization, deployed via EMAC to Alaska to conduct structural assessments on buildings after a 7.0 earthquake struck the Anchorage area.



Ten local and state emergency managers comprised this incident management team, the first of three that served in Hawaii this year.



Photo credit: American Red Cross

- 31,768 people sheltered
- 5,214 people and 1,067 animals rescued
- Business impact and damages \$5.7 billion
- First temporary housing trailers installed two weeks after last rescue
- 4,200+ homes enrolled for repairs through STEP program



Photo credit: FEMA



# HURRICANE FLORENCE

**WITH DAMAGE ESTIMATES TOTALING NEARLY \$17 BILLION, HURRICANE FLORENCE BECAME NORTH CAROLINA'S NEW STORM OF RECORD.**

Exceeding the combined impacts of both Hurricane Floyd (1999) at \$8 billion and Hurricane Matthew (2016) at \$4.8 billion, Florence is now known as North Carolina's most costly and damaging hurricane.

For three days in September, this slow-moving storm lingered over North Carolina, dumping 25-35 inches of rain in many areas. Coastal storm surge, river flooding and flash flooding brought water to many places that had never flooded before.

Responders rescued more than 5,200 people. Nearly 22,000 people sought refuge in emergency shelters on the night of Sept 15.

With hundreds of roads blocked, Wilmington was effectively cut off from the rest of the state until waters receded.

More than 1,100 responders from 35 states helped in the response

effort through the Emergency Management Assistance Compact (EMAC).

Recovery began quickly - the first travel trailers from FEMA's Direct Housing program were placed two weeks after the search and rescue phase ended.

The STEP program began in November, a first-time disaster recovery program for North Carolina. It provides partial emergency repairs for homes with minor damage, so residents can return home and continue sheltering there, while further repairs to their house continue.

Federal disaster assistance to North Carolina residents surpassed \$1 billion during December.

More than \$1 billion in HUD-funded disaster recovery is expected from Congress through Community Development Block Grants for Disaster Recovery (CDBG-DR).

As of Jan 10:

**51 COUNTIES**

FEMA declared for Individual or Public Assistance

**\$1 BILLION +**

in total federal assistance to Florence survivors in North Carolina

**\$124.9 MILLION**

for homeowners and renters

**\$375.7 MILLION**

in SBA disaster loans to more than 9,500 applicants

**\$556.3 MILLION**

in flood insurance claims paid





A new fire station in Fair Bluff was constructed with Hurricane Matthew recovery funding.



# HURRICANE MATTHEW RECOVERY

**WHILE RESPONSE TO HURRICANE FLORENCE AND OTHER INCIDENTS OCCURRED IN 2018, THE RECOVERY FROM HURRICANE MATTHEW REMAINED A TOP PRIORITY.**

## **THESE RECOVERY PROGRAMS CONTINUED IN 2018 FOR HURRICANE MATTHEW SURVIVORS:**

### **PUBLIC ASSISTANCE FUNDING TOPS \$387 MILLION**

A total of 469 local governments and government agencies have applied for Public Assistance funds for repairs to more than 1,900 public infrastructure and public facilities projects. A total of \$387.6 million in federal and state funds has been awarded for these projects.

### **HAZARD MITIGATION GRANTS TO LOCAL COMMUNITIES TOTAL \$86.2 MILLION**

Beginning in the spring of 2018, Hazard Mitigation grants totaling more than \$85 million were awarded to local governments to elevate, buyout or mitigate and reconstruct flooded properties. More than 650 properties will be mitigated from future flooding through this program. North Carolina's adoption of a Statewide Enhanced Hazard Mitigation Plan brought an extra \$25 million in relief funding that otherwise would not have been received.

### **COMMUNITY DEVELOPMENT BLOCK GRANT AWARDS SURPASS \$10 MILLION**

Awards of Community Development Block Grant for Disaster Recovery to homeowners have surpassed \$10 million and are continuing to be awarded. North Carolina has been awarded \$236 million in CDBG-DR funds for Hurricane Matthew and was awaiting another \$168 million at year's end. Through HUD's Community Development Block Grant-Disaster Recovery program, qualified homeowners can reduce the likelihood of future storm damage by elevating, relocating or reconstructing homes currently in a floodplain.

### **DISASTER RECOVERY ACTS OF 2017 AND 2018**

Nearly 150 state-funded recovery projects are underway in 12 counties using funds from the state legislature's Disaster Recovery Act of 2017 and 2018 to cover unmet needs. Repair work and reconstruction of homes heavily damaged by Hurricane Matthew is underway and is set to be in full swing in spring of 2019.

# HURRICANE MICHAEL

## AFTER MAKING A DEVASTATING LANDFALL IN FLORIDA'S PANHANDLE, MICHAEL TRAVELED NORTH BRINGING HEAVY RAINS AND FLOODING TO WESTERN AND PIEDMONT NORTH CAROLINA.

The storm caused four deaths in North Carolina. More than 100 people were rescued from flash flooding and eight temporary shelters opened. Power outages affected 870,000 homes and businesses at their peak on Oct 15. Nearly 300 roads were closed due to flooding and downed trees and power lines.

On Jan 31, 2019, a federal disaster declaration was granted for 21 counties affected by Hurricane Michael. Public Assistance funds will be available to state and local government agencies for repair of public facilities and infrastructure in those counties.





Photo credit: Winston-Salem Fire Department



Photo credit: Winston-Salem Fire Department



# TRAINING AND EXERCISES

## FREQUENT AND EFFECTIVE TRAINING OPPORTUNITIES AND EXERCISES PROVIDE EMERGENCY MANAGEMENT EMPLOYEES, FIRST RESPONDERS AND VOLUNTEERS WITH THE OPPORTUNITY TO DEVELOP AND PRACTICE ESSENTIAL SKILLS NEEDED DURING DISASTER RESPONSE AND RECOVERY.

This year, NCEM sponsored 492 classes, training more than 8,500 personnel on topics such as: CERT, search and rescue, disaster response and recovery, sheltering, debris management, handling mass fatalities, damage assessment, mass shootings and response and incident management.

Essential training allowed emergency response partners to practice communicating, coordinating and responding to various incidents. Some of the more notable activities included:

### TRAINING CLASSES

	CLASSES	STUDENTS
Incident Management and Command	226	3,133
Mitigation Planning	0	0
Search and Rescue	75	1,478
Hazardous Materials	7	84
Public Information/Communication	11	233
Active Assailant	5	48
Radiological Emergency Preparedness	7	199
Community Emergency Response Team	45	636
Disaster Assessment	4	63
Other Federal Training	51	1,185
Other State Training	61	1,461
<b>TOTAL</b>	<b>492</b>	<b>8,520</b>

### ALL HAZARDS INCIDENT MANAGEMENT TEAM ACADEMY

In February, 65 local emergency managers and first responders from across North Carolina attended the third All Hazards Incident Management Team (AHIMT) Academy at Haw River State Park in Browns Summit. The attendees were led through an in-depth review of how an incident action plan is developed using the principles of the Incident Command System (ICS), followed by a tabletop exercise.

### PREPARING FOR HURRICANES

In February, more than 280 people from 81 partner agencies participated in the Statewide Hurricane Exercise, testing the SERT's ability in a two-day full-scale exercise responding to "Hurricane Hans." In May, more than 200 local emergency managers, meteorologists and academicians reviewed and discussed hurricane predictions, preparedness and response at East Carolina University at the NCEM-ECU Hurricane Conference.

### PROTECTING THE PUBLIC IN NUCLEAR EVENTS

Brunswick and New Hanover counties worked with Duke Energy, federal partners and the state to exercise preparedness plans for the Brunswick Nuclear Plant in July. A similar FEMA graded exercise for the Catawba Nuclear Plant in York County, South Carolina, occurred in June involving the state of South Carolina and Mecklenburg, Gaston and Union counties. Both exercises received favorable reviews from FEMA evaluators.



## TRAINING COMMUNITY EMERGENCY RESPONSE TEAMS (CERT)

With basic disaster response training, CERT members can be a valuable asset during emergencies. North Carolina's CERT program consists of 79 Community Response Teams in 43 counties. Four hundred forty-five new members completed CERT Basic Training in 2018. A new search and rescue class for CERT members was initiated this year and completed by 60 members.

## STRENGTHENING SEARCH-AND-RESCUE PROGRAMS

Numerous courses for mountain, urban, swift water and helicopter (HART) rescue were conducted throughout the year, including wilderness search, structural collapse and land search field team training. A \$2.3 million state legislative appropriation this year for search and rescue provides for training in addition to new swift water rescue equipment including boats, motors and trailers.

## NC HELO AQUATIC RESCUE TEAM (HART)

The HART program trains frequently and combines aviation assets from NC National Guard and State Highway Patrol. In 2018, NC HART crews responded to two rescue missions in Burke County, and were a key part of the overall 346 air rescue missions that were flown during the response to Hurricane Florence. Team members participated in 40 training events and one multi-platform exercise using all three NCNG and SHP aircraft types.



# BUILDING CAPACITY AND RESILIENCY

## RECOVERY AND RESILIENCY OFFICE ESTABLISHED

The North Carolina Office of Recovery and Resiliency was established in June to manage HUD-funded by the state legislature in May to manage HUD-funded recovery for Hurricanes Matthew and Florence. The office is working to manage and distribute funds from Community Development Block Grants for Disaster Recovery (CDBG-DR) totaling \$236 million so far for Matthew and more than \$1 billion that is expected for Hurricane Florence. The section named key leaders in December and was hiring at year's end to build out its full staff of 45 employees.

## NEW GAUGES IMPROVE FLOOD DATA AND PREDICTION

Thirty-two new flood gauges purchased with state and county funds were added to the state's Flood



Low-cost flood gauges being tested in Lumberton.

Inundation Mapping and Alert Network (FIMAN) and are providing critical stream, river and ocean level data to hydrologists and meteorologists. NCEM is also working with the U.S. Department of Homeland Security Science and Technology Directorate in testing low-cost flood gauges from three vendors. Seventy-five gauges are being evaluated for six months at locations in Boone, Lumberton, Goldsboro and Winston-Salem. Twenty-six additional gauges were purchased and will be installed in 2019.

## EXPANDING PARTNERSHIPS WITH THE BUSINESS COMMUNITY

Adding more than 300 new private sector partners this year, the Business Emergency Operations Center (BEOC) now includes more than 640 companies and businesses in sectors including banking, insurance, shipping, retail, pharmaceutical, transportation, health care, communications and energy. These private partners supported North Carolina with more than \$20 million in financial donations to organizations working on disaster relief in North Carolina.

## MORE COUNTIES CERTIFIED AS STORMREADY

NCEM continued to grow the partnership with the National Weather Service (NWS) to certify all North Carolina counties as StormReady. The process of StormReady certification demonstrates that communities have the skills necessary to save lives and protect property. Adding six new counties this year, 79 North Carolina counties, seven universities, nine communities, five military sites and two commercial sites are now certified as StormReady. Five counties, two communities and one military site are certified as Tsunami Ready.





FEMA Integration team members with Director Sprayberry and FEMA Administrator Brock Long.

## FEMA INTEGRATION TEAM IS THE NATION'S FIRST

In May, FEMA established its first integration team in a state emergency management agency, embedding a staff of four at North Carolina Emergency Management. The FEMA employees, including specialists in preparedness, planning, mitigation and recovery, will build local relationships and provide technical and training assistance on FEMA's programs and continuous on-site support to the state.

## KNOW YOUR ZONE INITIATIVE TO SIMPLIFY COASTAL EVACUATION ORDERS

NCEM began working with county emergency managers and local officials in developing coastal evacuation zones for use beginning with the 2020 hurricane season. Based on the data and findings of the 2016 North Carolina Hurricane Evacuation study, the new zones will be publicized in a public education campaign in early 2020 and will allow for clearer instructions to the public when coastal evacuations are ordered.



## REACCREDITATION FROM EMAP

In November, North Carolina's Emergency Management program was reaccredited for the third time by the Emergency Management Accreditation Program. EMAP evaluates compliance with requirements in 16 areas, including: planning; resource management; training; exercises, evaluations, and corrective actions; communications and warning; and administration. This five-year reaccreditation is valid until 2023.

# GRANTS TO LOCAL GOVERNMENTS

**NORTH CAROLINA EMERGENCY MANAGEMENT SERVES AS THE FIDUCIARY AGENCY FOR NEARLY \$12 MILLION IN FEDERAL FUNDS FROM THE U.S. DEPARTMENT OF HOMELAND SECURITY AND THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).**

County	2017	County	2017
Alamance	\$63,899	Cumberland	\$181,412
Alexander	\$39,524	Currituck	\$37,639
Alleghany	\$99,524	Dare	\$106,842
Anson	\$48,724	Davidson	\$490,140
Ashe	\$54,024	Davie	\$39,524
Avery	\$41,524	Duplin	\$39,524
Beaufort	\$84,211	Durham	\$170,399
Bertie	\$48,524	Eastern Band of Cherokee	\$38,524
Bladen	\$68,869	Edgecombe	\$39,524
Brunswick	\$52,008	Forsyth	\$92,558
Buncombe	\$646,268	Franklin	\$63,524
Burke	\$642,390	Gaston	\$80,399
Cabarrus	\$80,399	Gates	\$119,074
Caldwell	\$115,599	Graham	\$38,524
Carteret	\$38,524	Granville	\$452,687
Caswell	\$38,524	Greene	\$38,524
Catawba	\$132,011	Guilford	\$169,384
Chatham	\$70,037	Halifax	\$39,524
Cherokee	\$52,024	Harnett	\$53,899
Chowan	\$45,024	Haywood	\$38,524
Clay	\$38,524	Henderson	\$183,899
Cleveland	\$87,899	Hertford	\$87,224
Columbus	\$38,524	Hoke	\$38,524
Craven	\$52,899	Hyde	\$38,524
		Iredell	\$103,245
		Jackson	\$37,639
		Johnston	\$84,664

The division administers these federal grants to state and local entities or agencies that apply and compete for federal money. The funding amount granted through each program can vary widely from year to year depending on how many other states apply for and receive funding.

County	2017	County	2017
Jones	\$38,524	Richmond	\$67,524
Lee	\$39,524	Robeson	\$52,899
Lenoir	\$78,249	Rockingham	\$63,604
Lincoln	\$52,899	Rowan	\$53,530
Macon	\$88,524	Rutherford	\$38,524
Madison	\$39,524	Sampson	\$38,524
Martin	\$386,035	Scotland	\$47,524
McDowell	\$39,524	Stanly	\$65,974
Mecklenburg	\$2,730,399	Stokes	\$39,524
Mitchell	\$38,524	Surry	\$62,024
Montgomery	\$38,524	Swain	\$38,524
Moore	\$118,132	Transylvania	\$38,524
Nash	\$149,899	Tyrrell	\$38,524
New Hanover	\$193,649	Union	\$80,399
Northampton	\$39,524	Vance	\$39,524
Onslow	\$52,899	Wake	\$284,919
Orange	\$52,130	Warren	\$39,524
Pamlico	\$55,524	Washington	\$273,713
Pasquotank	\$62,349	Watauga	\$99,524
Pender	\$66,929	Wayne	\$52,899
Perquimans	\$64,704	Wilkes	\$38,524
Person	\$47,524	Wilson	\$53,899
Pitt	\$88,899	Yadkin	\$39,524
Polk	\$38,524	Yancey	\$38,524
Randolph	\$93,014		

Total	\$11,963,504
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