COVID-19

If you leave home, know your 3 Ws!

- WEAR a cloth mask over your nose and mouth.
- WAIT 6 feet apart. Avoid close contact.
- WASH your hands or use hand sanitizer.

Stay home, save lives. We all need to do our part to slow the spread of COVID-19. Protect your family, protect your neighbors, protect North Carolina.

@NCDHHS • #COVID19NC

Stay Strong NC
COVID-19 Warehouse Operations
COVID-19 PPE distribution
COVID-19 Food Bank Support
COVID-19 School feeding support
COVID-19 Hamlet Medical Shelter
COVID-19 Hamlet Medical Shelter
Two teams of USAR structural engineers and building inspectors from OSFM deployed to help with post-earthquake damage assessments and safety inspections.
Structural Engineers to Puerto Rico

Branch IV: Guánica Communication Lifelines - 07 January 2020, 1400 AST
Puerto Rico Joint Recovery Office

Data Layer / Map Description:
This map displays Communications Lifelines in Guánica.
Elements of North Carolina’s mobile disaster hospital were deployed to Grady Hospital in Atlanta in 2019 and stayed for several months after a water pipe burst and flooded several floors of the hospital.
Emergency Management Forums

WEST
Morganton – Jan. 14

CENTRAL
Hillsborough – Jan. 15

EAST
Kinston – Jan. 21
February 2020 Winter Weather
February Severe Weather
Floods/Tornadoes

February 6-19

DR-4543
Public Assistance for 19 Counties

NFIP claims paid:
more than $1 million

Public Assistance projects:
more than $4.1 million
Know Your Zone

After nearly two years of planning, and a year-long pilot in three counties, Know Your Zone officially launched in May, with a news conference and advertising via billboards, and broadcast and social media ads in English and Spanish.
George Floyd Memorial Service – Hoke County
June 6
Hurricane Isaias
Oak Island
August 4
Hurricane Isaias
Bertie County Tornado
August 5
Sparta Earthquake

M 5.1 - 3 km SE of Sparta, North Carolina

2020-08-09 12:07:37 (UTC) | 36.479°N 81.098°W | 9.2 km depth

August 9
Water rescue teams to LA for Hurricane Laura

USAR Task Forces from Charlotte and Greensboro deployed in response to a request from Louisiana after Hurricane Laura – but the request was cancelled while teams were enroute.

August 27-28
Great Southeast Shakeout Earthquake Drill

October 15
Catawba Nuclear Station Exercise

North and South Carolina, along with York, Mecklenburg and Gaston counties tested their coordinated response to a radiological incident at the Catawba Nuclear Station.
Sept. 24 & Oct. 27
Brunswick and New Hanover counties, NCEM, Duke Energy and SERT partners exercised plans for response to a nuclear emergency at the Brunswick Nuclear Plant in Southport. Oct 28 & Dec 1
Election Day
November 3
Flooding / Tropical Storm Eta

Nov. 12-13
Providing Essential Training

<table>
<thead>
<tr>
<th>Classes</th>
<th>Classes</th>
<th>Students</th>
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<tbody>
<tr>
<td>Incident Management and Command</td>
<td>85</td>
<td>1,340</td>
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<tr>
<td>Floodplain</td>
<td>7</td>
<td>360</td>
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<tr>
<td>Search &amp; Rescue</td>
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<td>819</td>
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<tr>
<td>Hazardous Materials</td>
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<td>41</td>
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<td>Radiological Emergency Preparedness</td>
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<tr>
<td>Other Federal Training</td>
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<tr>
<td>Other State Training</td>
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<tr>
<td>TOTAL</td>
<td>319</td>
<td>6,890</td>
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</tbody>
</table>
Search & Rescue Training

Hundreds of responders trained with NCEM on various types of SAR operations including:

- Wilderness search classes
- Mountain search classes
- Eastern SAR exercise
- HART training
- Swift water boat operators course
- Advanced swift water boat operators course
- Land search field team training
NC HART combines aviation assets from NCNG & SHP using 3 platforms (NCNG’s Blackhawk & Lakota and the Highway Patrol’s Bell 407s). Each platform trains monthly with qualified rescue technicians from local fire and rescue agencies.

In 2020, NCHART crews...

- Flew seven missions in Avery, Haywood, Stanly, Stokes and Transylvania (3) counties.
- Numerous training events
- Cross-training technicians continues
Civil Air Patrol

CAP was actively involved in PPE transportation and distribution, traveling more than 50,000 miles to deliver PPE supplies in 27 NC Wing vehicles.
NC Regional Response Teams provide support to locals during chemical releases, criminal acts and transportation incidents. In 2020:

- Responded to 33 state hazmat missions
- Handled hundreds of local missions
- Introduced NC Hazmat Worst Case Analysis Tool
- All 7 RRTs under new contract for next five years
CERT Training and Response

- With the addition of one new program in Moore County (Whispering Pines), North Carolina now has 93 Community Emergency Response Teams trained in basic disaster response skills – in 52 counties. 2,095 volunteers
- Many local monthly meetings on Zoom.
- CERT training – 117 in-person and 69 through OnlineCERT.org
- 27 CERT volunteers helped staff a POD in Bertie County for six days after tornado
- Hatteras Island CERT assisted with damage assessment and storm cleanup after several storms
- Chatham CERT assisted with HART training
Hurricane Dorian Recovery - Ocracoke

- Debris removal complete
- 200+ home elevations in development through Hazard Mitigation
- Travel trailers provided
- VOAD repairs continuing
- New school under construction
Hazard Mitigation
• Homeowner Recovery Program launched throughout Eastern North Carolina
• Repairs, reconstructions and elevations
• Nearly 3,200 applications received
• One year of On-Pace HUD spending status
• More than $205 million awarded to homeowners, small businesses local governments
• Funds to NC Housing Finance Agency for new affordable housing projects
HOPE rent and utility assistance program launched during pandemic

42,500 + participants

$13 million + distributed

HOPE Program Community Partner Coverage

Legend
Counties by Community Partners

- Family Abuse Services (4)
- Family Care Center of Catawba Valley (3)
- Good Shepherd (3)
- Greene Lamp (5)
- Hope Station (1)
- Johnson Lee Harrell (9)
- Legal Aid (24)
- McDowell Mission Ministries (2)
- Orange County (1)
- Partners (3)
- Rowan Helping Ministries (1)
- Southeastern Family Violence Center (4)
- The REACH Center (6)
- Trillium (22)
- Union County Community Shelter (1)
Grants and Loans

- Nearly $50 million in state-funded grants and loans to local and tribal governments
- Infrastructure projects, reconstructing community buildings, operating expenses, disaster recovery support
Continuously Operating Reference Station (CORS) Network

Supports Public Safety Applications
- Floodplain mapping
- FiMAN
- SERA
- 911
- Statewide aerial imagery project
- Statewide LiDAR elevation project
- High water mark data collection
- NOAA Weather Forecast
- Earthquake Monitoring
- Recovery/Mitigation

Solar Powered CORS at Oregon Inlet
Preparing NC for the 2024 Datum Change

National Geodetic Survey GPS on Bench Mark Project

National Geodetic Survey GPS on Bench Marks 2020/2021
- 2020 (As of 1/1/2020)
  - NGS has prepared a list of geodetic monuments for GNSS data collection

- 2020 (status as of 12/1/2020)
  - NGS has prepared a list of geodetic monuments that we review for possible GNSS data collection
NC SPARTA (WebEOC) New Features

Made dozens of modifications during the COVID response:

• Developed a non-congregate shelter application to include a WebEOC board and external website
• Modified the Logistics inventory views and processes in Resource Tracker
• Adjusted multiple Public Health positions to allow requesting on behalf of counties
• Developed capability for counties to create a summary report within the County Summary board
• Made multiple updates to Resource Tracker due to COVID response
• Created multiple reports
• Created a Risk Management Accounting application to work in coordination with NCAS
• Developed a WebEOC Customization board to input requests and prioritize
Know Your Zone

- Coordinated with the Natural Hazards to complete the Know Your Zone maps for the ReadyNC app
- Assisted several counties with formatting their evacuation zones.
Automating Hazard Mitigation’s Map Products

• Streamlined the Hazard Mitigation property map process for faster turnaround
• Working to map 5,200+ past buyout sites
SERC Meetings

The State Emergency Response Commission met four times this year to review, assess, plan and implement projects and procedures to protect North Carolina residents. The January meeting was in person, all other meetings were virtual.
Preparing Communities

In partnership with the National Weather Service, NCEM led four campaigns to prepare North Carolinians for various types of severe weather including tornadoes, hurricanes, snow and ice. Materials were sent to county emergency management agencies, issued by Governor’s office and pushed across social media platforms.

- Severe Weather
- Hurricane
- Winter Weather
- Great Shakeout
- Preparedness Month
- Know Your Zone
Podcast

Rebuilding Smarter Through Hazard Mitigation

Steve McGugan
NCEM Assistant Director

Jason Pleasant
Hazard Mitigation Development Manager

WHERE TO LISTEN

ANCHOR
110+ News Conferences for COVID-19
Interpreting News Conferences into Spanish

"hay amenaza de inundaciones esta noche. Así que pedimos a muchos que hay amenaza de inundaciones esta noche. Así que pedimos a muchos que..."
American Sign Language
NCEM and NWS are working to encourage all counties to be certified StormReady by:

- Establishing a warning point & EOC
- Having multiple ways to get weather warnings
- Creating a system to monitor local weather
- Promoting emergency preparedness
- Developing a hazardous weather plan

- 7 universities
- 9 communities
- 5 military sites
- 2 commercial sites

**StormReady**

- StormReady [91]
- StormReady and TsunamiReady [5]
- No Status [9]
Happy Holidays!