

NOUS41 KWBC 201910 AAA  
PNSWSH

Service Change Notice 18-119 Updated  
National Weather Service Headquarters Silver Spring MD  
310 PM Est Wed Feb 20 2019

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

From:       Michelle Hawkins, Chief  
              Severe, Fire, Public and Winter Weather Services Branch

Subject: Updated: Changes in Fire, Public and Marine Forecast Zones and  
Boundary Changes for WFO Newport/Morehead City, NC: Effective April 2,  
2019

Updated to change implementation date to April 2, 2019 due to the  
Government Lapse in Appropriations.

Effective Tuesday, April 2, 2019, five county public and fire weather  
forecast zones and one marine zone for NWS Weather Forecast Office (WFO)  
in Newport/Morehead City, NC (MHX) will be adjusted into different zones:

- The Outer Banks segment of Hyde County in North Carolina will be renamed to Ocracoke Island.
- Dare County's split will be at Oregon Inlet, resulting in county segments of Northern Outer Banks and Hatteras Island.
- Craven County's split will be from U.S. Highway 17 entering Craven county from the southwest, to the intersection of U.S. Highway 17 and U.S. Highway 70, to the intersection of State Highway 55 and State Highway 43, and finally east to the Pamlico County border. This will result in county segments of Northern Craven and Southern Craven forecast zones.
- Carteret County's split will be along Adam's Creek from Beaufort Inlet north to the west side of Radio Island along the Intracoastal Waterway to the Neuse River near Merrimon, resulting in west Carteret and east Carteret County segments.
- Onslow County's split will be along U.S Highway 17 into Sneads Ferry where it intersects State Route 210, across New River to the intersection of State Highway 24 and State Highway 172 in Hubert, then east to the intersection of Carteret and Jones Counties.
- The Ablemarle Sound marine forecast zone will be split at the east end of the sound, stretching from mainland Dare County to Point Harbor, with a new marine segment containing the Croatan and Roanoke Sounds.

If April 2, 2019 is declared a Critical Weather Day, this implementation will be postponed to April 4, 2019.

A graphic depicting these changes is online at:

<http://www.weather.gov/mhx/ZoneChanges>

These changes are intended to provide increased flexibility and improved accuracy of forecast and various watches, warnings and advisories in the public, fire, and marine weather programs. These changes will result in more geographically precise forecast, watch and warning products for the general public and will enhance web-based graphical product consistency and appearance.

These zone changes require partners and users to take appropriate action to receive the new zone products using the Universal Geographic Code (UGC) zone code format (Z) listed in Table 2. Products affected by this change are listed in Table 3.

Table 1: WFO MHX's Current Public, Fire and Marine Weather Forecast Zones

Current Zone Name -----	Current UGC (Z) -----	Zone Type -----
Outer Banks Hyde	NCZ104	Land
Outer Banks Dare	NCZ103	Land
Craven	NCZ093	Land
Carteret	NCZ095	Land
Onslow	NCZ098	Land
Albemarle Sound	AMZ130	Marine

Table 2: New WFO MHX Affected Public, Fire and Marine Weather Forecast Zones

New Zone Name -----	New UGC (Z) -----	Zone Type -----
Ocracoke Island	NCZ204	Land
Northern Outer Banks	NCZ203	Land
Hatteras Island	NCZ205	Land
Northern Craven	NCZ193	Land
Southern Craven	NCZ194	Land
West Carteret	NCZ195	Land
East Carteret	NCZ196	Land
Inland Onslow	NCZ198	Land
Coastal Onslow	NCZ199	Land
Albemarle Sound	AMZ230	Marine
Croatan and Roanoke Sounds	AMZ231	Marine

Table 3: WFO MHX Products affected by these changes:

Product Name -----	WMO Header -----	AWIPS ID -----
Special Weather Statement	WWUS82 KMHX	SPSMHX
Hurricane Local Statement	WTUS82 KMHX	HLSMHX
Local Tropical Watch/Warning	WTUS82 KMHX	TCVMHX
Extreme Wind Warning	WTUS82 KMHX	EWWMHX
Zone Forecast Product	FPUS52 KMHX	ZFPMHX
Hazardous Weather Outlook	FLUS42 KMHX	HWOMHX
Non-Precipitation Watch/Warning/Advisory	WWUS72 KMHX	NPWMHX
Winter Weather Watch/Warning/Advisory	WWUS42 KMHX	WSWMHX

Product Name -----	WMO Header -----	AWIPS ID -----
Area Forecast Matrices	FOUS52 KMHX	AFMMHX
Fire Weather Message	FNUS52 KMHX	FWFMHX
Flood Watch/Warning/Advisory	WGUS62 KMHX	FFAMHX
Hydrologic Outlook	FGUS72 KMHX	ESFMHX
Fire Weather Watch	WWUS82 KMHX	RFWMHX
Red Flag Warning	WWUS82 KMHX	RFWMHX
Public Information Statement	NOUS42 KMHX	PNSMHX
Pointe Forecast Matrices	FOUS52 KMHX	PFMMHX
Area Forecast Discussion	FXUS62 KMHX	AFDMHX
Precipitation and Temperature Summary	SXUS52 KMHX	HYDMHX
Daily River and Lake Summary	FGUS52 KMHX	RVDMHX
Hydrologic Statement	FGUS82 KMHX	RVSMHX
Hydrologic Statement	SRUS42 KMHX	RVAMHX
Air Quality Alert	AEUS72 KMHX	AQAMHX
Air Quality Forecast	AEUS72 KMHX	AQIMHX
Surf Zone Forecast	FZUS52 KMHX	SRFMHX
Coastal Hazard Message	WHUS42 KMHX	CFWMHX
Special Marine Warnings	WHUS52 KMHX	SMWMHX
Marine Weather Statements	FZUS72 KMHX	MWSMHX
Marine Weather Message	WHUS72 KMHX	MWMMHX
Coastal Waters Forecast	FZUS52 KMHX	CWFMHX
Tide Report	SOUS42 KMHX	TIDMHX

If you are affected by these changes...take the appropriate action so your systems recognize the new zone (Z) UGCs and the new zone alignments.

Updated public and fire zone map shapefile are available for download at:

<https://www.weather.gov/gis/PublicZones>

<https://www.weather.gov/gis/FireZones>

The proposed changes to the CAE zone boundaries have been closely coordinated with local partners and customers to be ready for implementation on March 5, 2019.

If you have any questions, please contact:

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National Service Change notices are online at:

<https://www.weather.gov/notification/archive>

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