

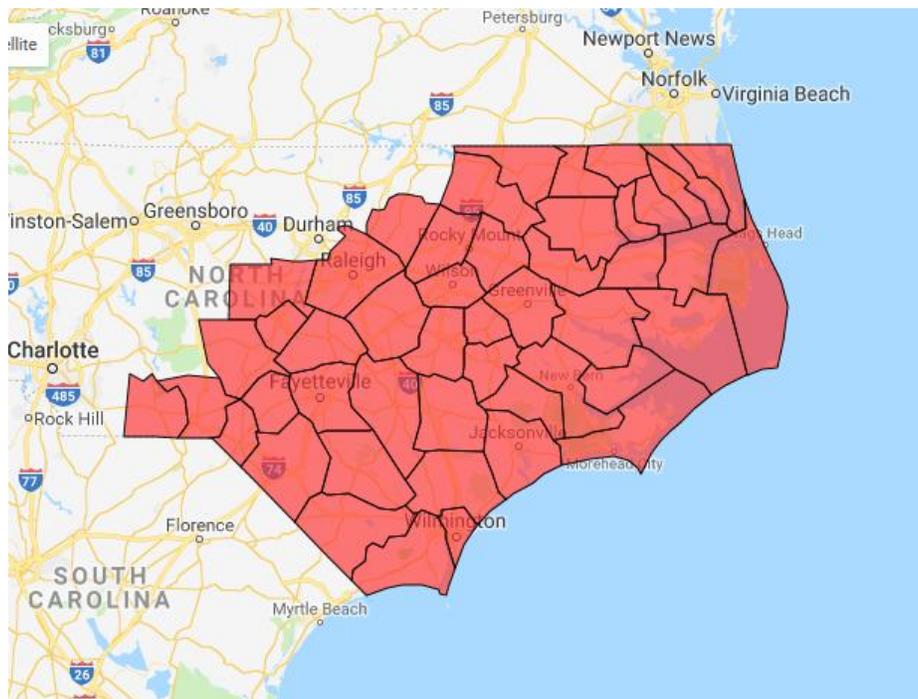
# Communications Status Report for Areas Impacted by Hurricane Florence September 20, 2018

The following is a report on the status of communications services in geographic areas impacted by Hurricane Florence as of September 20, 2018 at 11:00 a.m. EDT. This report incorporates network outage data submitted by communications providers to the Federal Communications Commission's Disaster Information Reporting System (DIRS). The DIRS activation originally covered areas of Georgia, North Carolina, South Carolina and Virginia. On September 19, DIRS was deactivated everywhere except in North Carolina. Note that the operational status of communications services during a disaster may evolve rapidly, and this report represents a snapshot in time.

The following 48 counties are in the current geographic area that is part of DIRS (the "disaster area").

**NORTH CAROLINA:** Anson, Beaufort, Bertie, Bladen, Brunswick, Camden, Carteret, Chatham, Chowan, Columbus, Craven, Cumberland, Currituck, Dare, Duplin, Edgecombe, Franklin, Gates, Greene, Halifax, Harnett, Hertford, Hoke, Hyde, Johnston, Jones, Lee, Lenoir, Martin, Moore, Nash, New Hanover, Northampton, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Richmond, Robeson, Sampson, Scotland, Tyrrell, Wake, Washington, Wayne, Wilson

The following map shows the counties in the disaster area in North Carolina:



## 911 Services

The Public Safety and Homeland Security Bureau (PSHSB) learns the status of each Public Safety Answering Point (PSAP) through the filings of 911 Service Providers in the Disaster Information Reporting System (DIRS), through reporting done to the FCC's Public Safety Support Center (PSSC), coordination with state 911 Administrators and, if necessary, individual PSAPs.

Two PSAPs in North Carolina have their 911 calls rerouted to another PSAP:

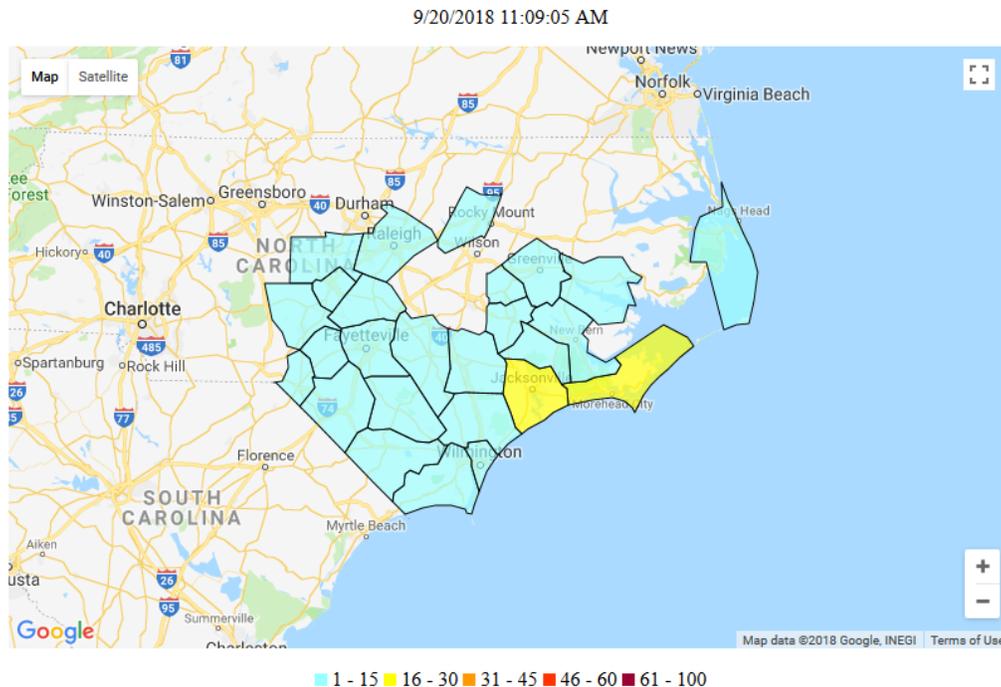
- Columbus County Central Communications has its 911 calls rerouted to another PSAP without location information. Also, Washington Police Communications, a secondary PSAP, has had its 911 calls rerouted to another PSAP without location information; this reroute was in place prior to the hurricane.

## Wireless Services

The following section describes the status of wireless communications services and restoration in the disaster area, including the percentage of cell sites out of service for each county.

The following map of the disaster area illustrates which counties in North Carolina are most affected:

### Percent Cell Sites Out-of-Service By County



The following table provides cell sites out of service by county. There are 3.7% of the cell sites out of service in the affected area in North Carolina, down from 4.3% yesterday. The information shown was provided by the signatories to the Wireless Network Resiliency Cooperative Agreement as well as two additional companies who agreed to allow us to include their data in the aggregated totals.

As prepared by the Federal Communications Commission: September 20, 2018 11:30 a.m.

<b>State</b>	<b>Affected Counties</b>	<b>Cell Sites Served</b>	<b>Cell Sites Out</b>	<b>Percent Out</b>
NC	ANSON	47	0	0.0%
NC	BEAUFORT	65	1	1.5%
NC	BERTIE	23	0	0.0%
NC	BLADEN	75	5	6.7%
NC	BRUNSWICK	238	28	11.8%
NC	CAMDEN	42	0	0.0%
NC	CARTERET	103	18	17.5%
NC	CHATHAM	221	4	1.8%
NC	CHOWAN	17	0	0.0%
NC	COLUMBUS	92	7	7.6%
NC	CRAVEN	201	8	4.0%
NC	CUMBERLAND	390	7	1.8%
NC	CURRITUCK	68	0	0.0%
NC	DARE	88	1	1.1%
NC	DUPLIN	89	7	7.9%
NC	EDGECOMBE	47	0	0.0%
NC	FRANKLIN	41	0	0.0%
NC	GATES	15	0	0.0%
NC	GREENE	45	2	4.4%
NC	HALIFAX	71	0	0.0%
NC	HARNETT	140	1	0.7%
NC	HERTFORD	23	0	0.0%
NC	HOKE	52	1	1.9%
NC	HYDE	23	0	0.0%
NC	JOHNSTON	182	0	0.0%
NC	JONES	47	6	12.8%
NC	LEE	79	1	1.3%
NC	LENOIR	87	3	3.4%
NC	MARTIN	28	0	0.0%
NC	MOORE	147	1	0.7%
NC	NASH	164	1	0.6%
NC	NEW HANOVER	287	42	14.6%
NC	NORTHAMPTON	25	0	0.0%
NC	ONSLOW	227	37	16.3%
NC	PAMLICO	19	0	0.0%
NC	PASQUOTANK	38	0	0.0%
NC	PENDER	89	4	4.5%
NC	PERQUIMANS	17	0	0.0%
NC	PITT	250	11	4.4%
NC	RICHMOND	110	0	0.0%

NC	ROBESON	149	5	3.4%
NC	SAMPSON	103	2	1.9%
NC	SCOTLAND	55	2	3.6%
NC	TYRRELL	11	0	0.0%
NC	WAKE	1,131	9	0.8%
NC	WASHINGTON	21	0	0.0%
NC	WAYNE	142	0	0.0%
NC	WILSON	94	0	0.0%
<b>TOTAL</b>		<b>5,718</b>	<b>214</b>	<b>3.7%</b>

The number of cell site outages in a specific area does not necessarily correspond to the availability of wireless service to consumers in that area. See Improving the Resiliency of Mobile Wireless Communications Networks, Order, 31 FCC Rcd 13745, para. 10 (2016) (recognizing the difficulties in accurately depicting the ongoing status of a wireless provider’s service during emergencies). Wireless networks are often designed with numerous, overlapping cell sites that provide maximum capacity and continuity of service even when an individual site is inoperable. Moreover, wireless providers frequently use temporary facilities such as cells-on-wheels (COWs), increased power at operational sites, roaming agreements, or take other actions to maintain service to affected consumers during emergencies or other events that result in cell site outages.

#### **Cable Systems and Wireline (Combined)**

There are 270,688 cable system and wireline outage subscribers out of service in the affected areas in North Carolina. This number reflects outages of communications service provided by cable and wireline companies, which may include the loss of telephone, television, and/or Internet services.

#### **Broadcast**

Television stations status:

- 25 TV stations reported being operational (WCTI, WECT, WEPX, WILM-LD, WITN-TV, WNCN, WNCT, WPXU-TV, WRAL-TV, WRAY-TV, WRAZ, WSFX-TV, WSKY, WTNG-CD, WTVD, WUNC-TV, WUND-TV, WUNJ-TV, WUNK-TV, WUNM-TV, WUNP-TV, WUNU, WWAY, WYBE-CD, WYDO)
- 1 TV station reported being out of service (WHFL-CD)

FM Radio stations status:

- 48 FM radio stations reported being operational (W202CD, W222AO, W237BZ, W239CK, W243DK, W249BX, W257CS, W271BT, W275BW, W288BP, W288BQ, W299AP, WAZO, WBIC-LP, WBT, WCCE, WCMC-FM, WDCG, WDLZ, WDWG, WELS-FM, WGTI, WIKS, WILT, WJQY-LP, WKNC-FM, WKXB, WLHC-FM, WLNK, WLQB, WLQC-FM, WLXB, WMGV, WNCB, WNCT, WPTM, WPWZ, WRAL, WRHD, WRLY-LP, WRMR, WTKK, WTPT, WTRG, WWQQ-FM, WYNA, WZAX, WZRF-LP)
- 2 FM radio stations report being down with programming sent to another station (WGNI, WTIB)
- 21 FM radio station report being out of service (W232CH, W238AV, W240AS, W247BS, W263BA, W269DF, W270AW, W280EP, WBNK, WFNE-LP, WFVL, WHAR, WKFV, WKGV, WKXS-FM, WMNX, WNBU, WRHT, WSFL-FM, WXNR, WZKT)

AM Radio stations status:

- 16 AM radio stations reported being operational (WBT, WCLY, WCPS, WDNC, WFAY, WFNZ, WMFA, WMFD, WMRV, WRJD, WRMT, WSMY, WTIK, WWDR, WWMC, WYRN)
- 2 AM radio stations reported being out of service (WAAV, WSSG)