

# **Communications Status Report for Areas Impacted by Hurricane Florence September 16, 2018**

The following is a report on the status of communications services in geographic areas impacted by Hurricane Florence as of September 16, 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). DIRS currently covers areas of Georgia, North Carolina, South Carolina and Virginia. Note that the operational status of communications services during a disaster may evolve rapidly, and this report represents a snapshot in time. As of today, Hurricane Florence has had an impact on communications, primarily in North Carolina, and to some degree in South Carolina.

The following 99 counties are in the current geographic area that is part of DIRS (the "disaster area").

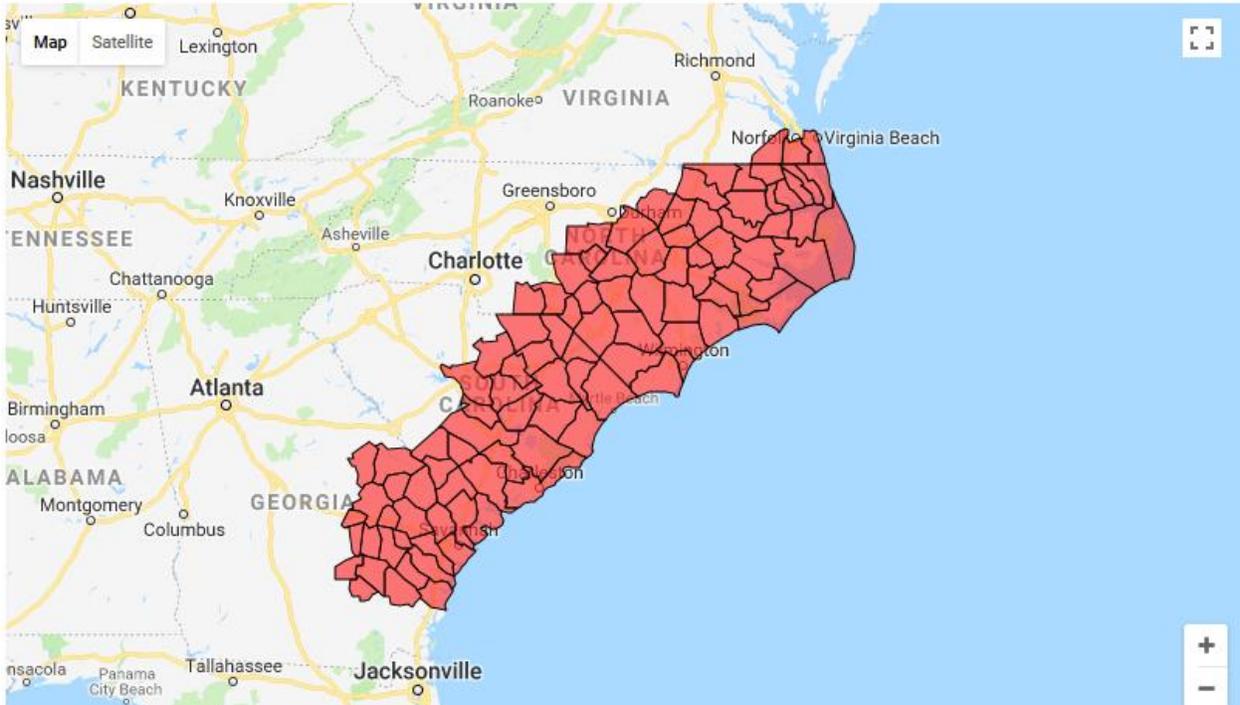
**GEORGIA:** Appling, Bacon, Bryan, Bulloch, Burke, Candler, Chatham, Effingham, Emanuel, Evans, Jeff Davis, Jefferson, Jenkins, Liberty, Long, McIntosh, Montgomery, Screven, Tattnall, Toombs, Treutlen, Wayne

**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

**SOUTH CAROLINA:** Allendale, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Florence, Georgetown, Hampton, Horry, Jasper, Kershaw, Lee, Marion, Marlboro, Orangeburg, Richland, Sumter, Williamsburg

**VIRGINIA:** Chesapeake City, Suffolk City, Virginia Beach City

The following map shows the counties in the disaster area:



### 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.

- Two PSAPs have their 911 calls rerouted to another PSAP with location information: Onslow County Communications and Pamlico County Communications.

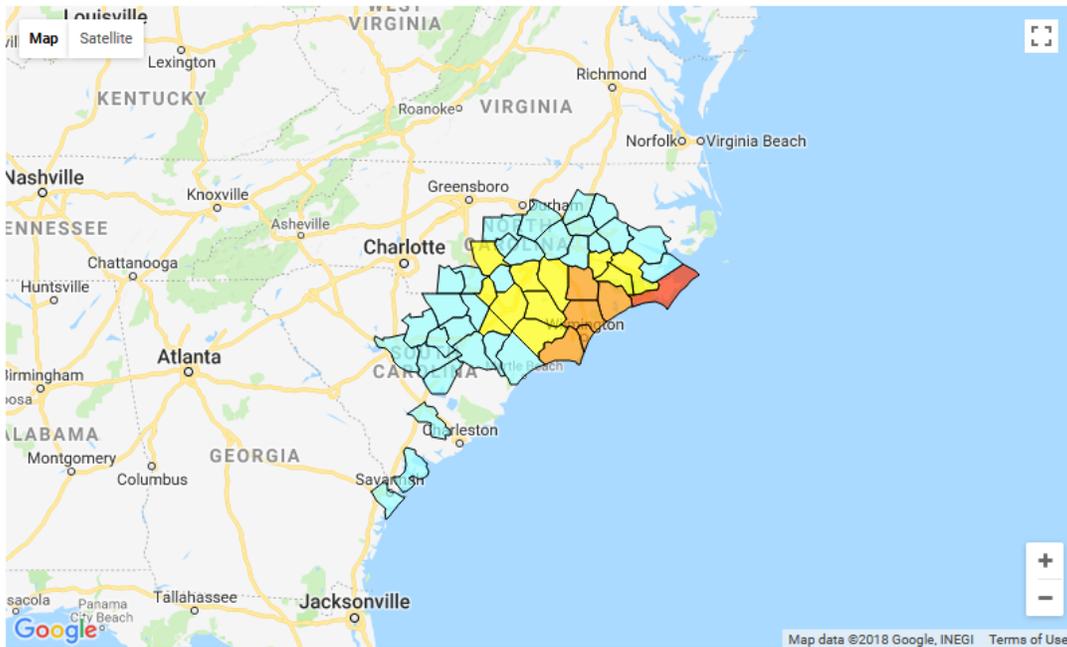
### Wireless Services

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 are most affected:

# Percent Cell Sites Out-of-Service By County

9/16/2018 11:18:42 AM



1 - 15 16 - 30 31 - 45 46 - 60 61 - 100

The following table provides cell sites out of service by county. There are 7.2% of the cell sites out of service in the affected area, down from 10.7% yesterday. Carteret county in North Carolina has more than 40% of cell sites out of service. 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.

## Georgia

State	Affected Counties	Cell Sites Served	Cell Sites Out	Percent Out
GA	APPLING	39	0	0.0%
GA	BACON	26	0	0.0%
GA	BRYAN	78	0	0.0%
GA	BULLOCH	136	0	0.0%
GA	BURKE	59	0	0.0%
GA	CANDLER	33	0	0.0%
GA	CHATHAM	462	1	0.2%
GA	EFFINGHAM	76	0	0.0%
GA	EMANUEL	60	0	0.0%
GA	EVANS	19	0	0.0%
GA	JEFF DAVIS	25	0	0.0%

GA	JEFFERSON	49	0	0.0%
GA	JENKINS	17	0	0.0%
GA	LIBERTY	112	0	0.0%
GA	LONG	33	0	0.0%
GA	MCINTOSH	26	0	0.0%
GA	MONTGOMERY	29	0	0.0%
GA	SCREVEN	30	0	0.0%
GA	TATTNALL	36	0	0.0%
GA	TOOMBS	53	0	0.0%
GA	TREUTLEN	18	0	0.0%
GA	WAYNE	56	0	0.0%
<b>TOTAL</b>		<b>1,472</b>	<b>1</b>	<b>0.1%</b>

#### North Carolina

State	Affected Counties	Cell Sites Served	Cell Sites Out	Percent Out
NC	ANSON	39	1	2.6%
NC	BEAUFORT	65	3	4.6%
NC	BERTIE	23	0	0.0%
NC	BLADEN	75	16	21.3%
NC	BRUNSWICK	238	78	32.8%
NC	CAMDEN	42	0	0.0%
NC	CARTERET	103	47	45.6%
NC	CHATHAM	221	8	3.6%
NC	CHOWAN	17	0	0.0%
NC	COLUMBUS	92	17	18.5%
NC	CRAVEN	201	40	19.9%
NC	CUMBERLAND	390	59	15.1%
NC	CURRITUCK	68	0	0.0%
NC	DARE	88	0	0.0%
NC	DUPLIN	89	32	36.0%
NC	EDGECOMBE	47	1	2.1%
NC	FRANKLIN	41	0	0.0%
NC	GATES	15	0	0.0%
NC	GREENE	45	4	8.9%
NC	HALIFAX	71	0	0.0%
NC	HARNETT	139	20	14.4%
NC	HERTFORD	23	0	0.0%
NC	HOKE	52	7	13.5%
NC	HYDE	23	0	0.0%

NC	JOHNSTON	182	12	6.6%
NC	JONES	47	11	23.4%
NC	LEE	79	7	8.9%
NC	LENOIR	87	23	26.4%
NC	MARTIN	28	0	0.0%
NC	MOORE	147	36	24.5%
NC	NASH	164	2	1.2%
NC	NEW HANOVER	287	112	39.0%
NC	NORTHAMPTON	25	0	0.0%
NC	ONSLow	227	88	38.8%
NC	PAMLICO	19	2	10.5%
NC	PASQUOTANK	38	0	0.0%
NC	PENDER	89	29	32.6%
NC	PERQUIMANS	17	0	0.0%
NC	PITT	250	13	5.2%
NC	RICHMOND	101	13	12.9%
NC	ROBESON	149	38	25.5%
NC	SAMPSON	103	20	19.4%
NC	SCOTLAND	55	12	21.8%
NC	TYRRELL	11	0	0.0%
NC	WAKE	1,131	16	1.4%
NC	WASHINGTON	21	0	0.0%
NC	WAYNE	142	19	13.4%
NC	WILSON	94	1	1.1%
NC	GUILFORD	69	0	0.0%
NC	HAYWOOD	9	0	0.0%
NC	YADKIN	12	0	0.0%
<b>TOTAL</b>		<b>5,790</b>	<b>787</b>	<b>13.6%</b>

### South Carolina

State	Affected Counties	Cell Sites Served	Cell Sites Out	Percent Out
SC	ALLENDALE	16	0	0.0%
SC	BAMBERG	37	0	0.0%
SC	BARNWELL	57	0	0.0%
SC	BEAUFORT	225	1	0.4%
SC	BERKELEY	250	0	0.0%
SC	CALHOUN	30	0	0.0%
SC	CHARLESTON	588	0	0.0%
SC	CHESTERFIELD	79	7	8.9%

SC	CLARENDON	103	1	1.0%
SC	COLLETON	130	0	0.0%
SC	DARLINGTON	120	2	1.7%
SC	DILLON	69	11	15.9%
SC	DORCHESTER	166	1	0.6%
SC	FLORENCE	210	8	3.8%
SC	GEORGETOWN	142	0	0.0%
SC	HAMPTON	48	0	0.0%
SC	HORRY	434	19	4.4%
SC	JASPER	89	0	0.0%
SC	KERSHAW	96	2	2.1%
SC	LEE	76	1	1.3%
SC	MARION	70	5	7.1%
SC	MARLBORO	47	4	8.5%
SC	ORANGEBURG	171	0	0.0%
SC	RICHLAND	548	4	0.7%
SC	SUMTER	162	2	1.2%
SC	WILLIAMSBURG	144	0	0.0%
<b>TOTAL</b>		<b>4,107</b>	<b>68</b>	<b>1.7%</b>

### Virginia

State	Affected Counties	Cell Sites Served	Cell Sites Out	Percent Out
VA	CHESAPEAKE CITY	188	0	0.0%
VA	SUFFOLK CITY	84	0	0.0%
VA	VIRGINIA BEACH CITY	284	0	0.0%
<b>TOTAL</b>		<b>556</b>	<b>0</b>	<b>0.0%</b>

There are no cell sites affected in Virginia.

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)

The cable system and wireline outage table reflects outages of communications service provided by cable and wireline companies, which may include the loss of telephone, television, and/or Internet services.

State	Subscribers Out of Service
GA	79
NC	164,892
SC	5,883
VA	0

### Broadcast

#### Television stations status:

- 42 TV stations reported being operational (WAVY, WBTW, WCBD, WCES, WCSC-TV, WECT, WEPX, WFXG, WHFL-CD, WILM-LD, WIS, WITN-TV, WJBF, WJCL, WLCN-CD, WMBF, WNCN, WNCT, WPXU-TV, WPXV-TV, WRAL-TV, WRAY-TV, WRAZ, WSAV, WSCG, WSFX-TV, WSKY, WTAT-TV, WTOC-TV, WTVD, WUNC-TV, WUND-TV, WUNJ-TV, WUNK-TV, WUNM-TV, WUNP-TV, WUNU, WVAN, WVBT, WWAY, WYBE-CD, WZRB)
- 4 TV stations reported being out of service (WCTI, WCTI-TV, WTNG-CD, WYDO)

#### FM Radio stations status:

- 100 FM radio stations reported being operational (W202CD, W214BZ, W222AO, W227BR, W232CH, W237BZ, W238AV, W239CK, W240AS, W241CV, W243DJ, W243DK, W247BS, W249BX, W257CS, W263BA, W269DF, W270AW, W271BT, W275BW, W280EP, W285DV, W285FJ, W286AY, W288BP, W288BQ, W299AP, WACG, WAFX, WAGP, WAZO, WBHC-FM, WBIC-LP, WCMC-FM, WDAR-FM, WDCG, WDLZ, WDWG, WEGX, WFCH, WFMV, WFXH-FM, WGCO, WGTI, WGTR, WILT, WIWF, WJMX-FM, WJQY-LP, WKFV, WKKZ, WKNC-FM, WKXB, WLHC-FM, WLQC-FM, WLXB, WLXM-LP, WLXP, WMCD, WMGL, WMIR, WNCB, WNCT, WNOB, WNOR, WNSB, WORG, WPTM, WPUB, WPUB-FM, WPWZ, WQAI, WRAL, WRFE, WRHD, WRLY-LP, WRMR, WRWN, WRXZ, WSPA-FM, WSSX-FM, WSVH, WTCQ, WTKK, WTPT, WTRG, WTUA, WUBB, WWDW,

WWOS-FM, WWQQ-FM, WWWZ, WWXM, WXJY, WXYY, WYNA, WYTT, WYUM, WZAX, WZRF-LP)

- 3 FM radio stations report being down with programming sent to another station (WGNI, WLGI, WTIB)
- 20 FM radio station report being out of service (WBNK, WCCE, WEHF-LP, WELS-FM, WFNE-LP, WFVL, WHAR, WIKS, WKGV, WKXS-FM, WLQB, WMGV, WMNX, WNBU, WOPA-LP, WRHT, WRQP-LP, WSFL-FM, WXNR, WZKT)

AM Radio stations status:

- 28 AM radio stations reported being operational (WALD, WCAM, WCLA, WCLY, WCPS, WDNC, WDSC, WFAY, WGCV, WGTN, WHHW, WJMX, WJOI, WJXY, WLSC, WMFA, WMFD, WMRV, WQXL, WRMT, WSMY, WTMA, WVOP, WWDR, WWOS, WWRK, WXTI, WYRN)
- 3 AM radio stations reported being out of service (WAAV, WSSG, WWMC)