

Communications Status Report for Areas Impacted by Hurricane Florence September 15, 2018

The following is a report on the status of communications services in geographic areas impacted by Hurricane Florence as of September 15, 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").

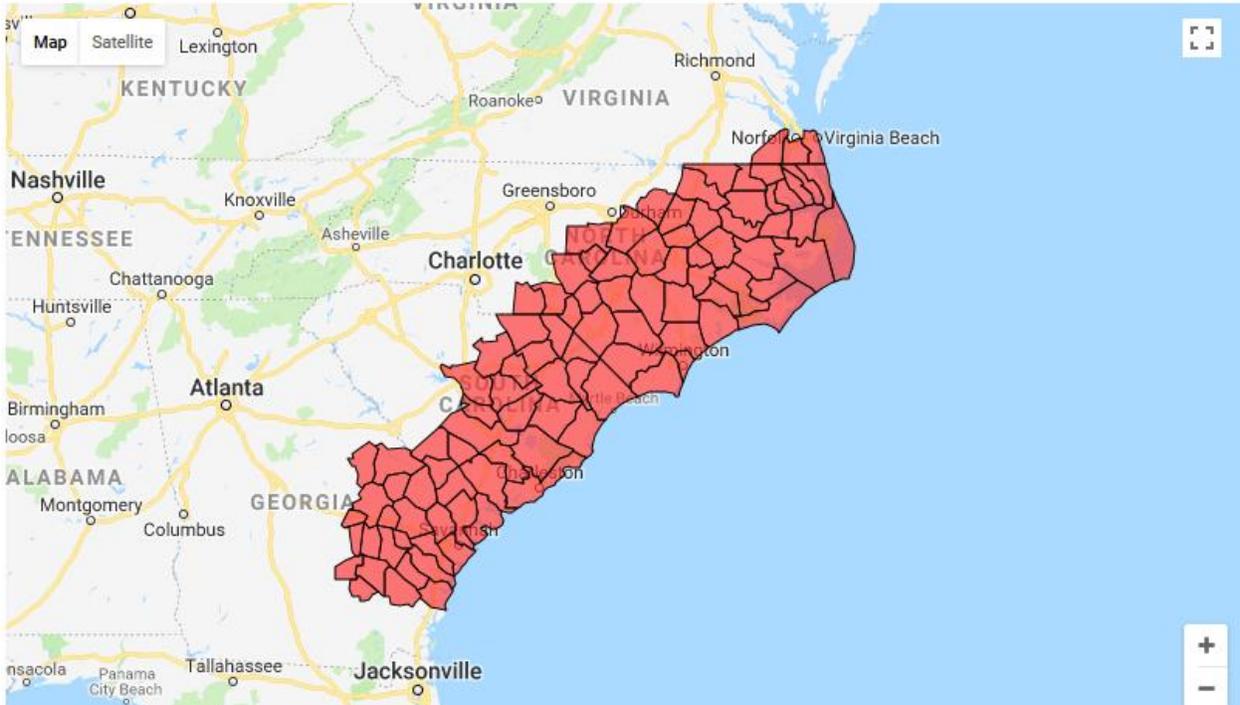
GEORGIA: Appling, Bacon, Bryan, Bulloch, Burke, Candler, Chatham, Effingham, Emanuel, Evans, Jeff Davis, Jefferson, Jenkins, Liberty, Long, McIntosh, Montgomery, Screven, Tattnall, Toombs, Treutlen, Wayne

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.

There are six PSAPs in North Carolina have their 911 calls rerouted to another PSAP.

- Three PSAPs have their 911 calls rerouted to another PSAP with location information: Beaufort County Communication Center, Pamlico County Communications, and Lumberton Communications.
- Three PSAPs have their 911 calls rerouted to another PSAP without location information: Washington Police Communications, Greene County Sheriff Communications, and Brunswick County PSAP.

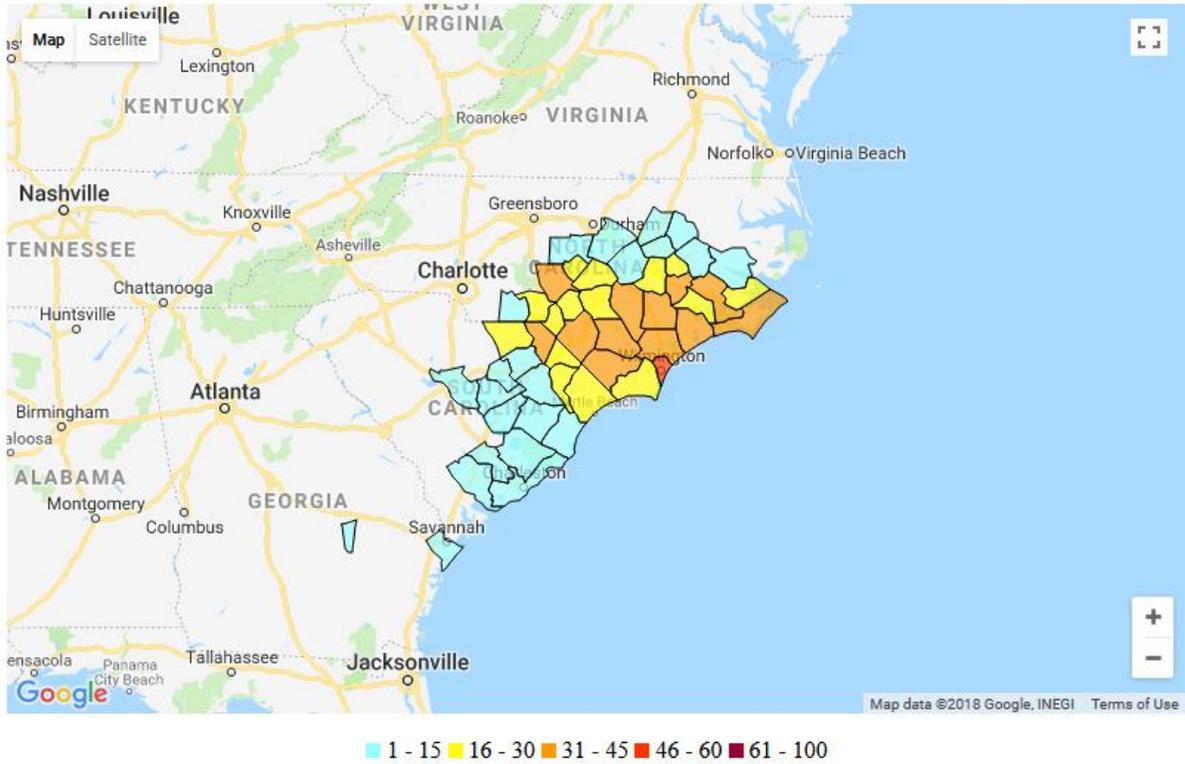
Wireless Services

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

9/15/2018 11:36:35 AM



The following table provides cell sites out of service by county. There are 10.7% of the cell sites out of service in the affected area, up from 2.9% yesterday. The counties with greater than 40% of cell sites out of service are Bladen, New Hanover and Sampson in NC. 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	4	13.8%
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%
TOTAL		1,472	5	0.3%

North Carolina

State	Affected Counties	Cell Sites Served	Cell Sites Out	Percent Out
NC	ANSON	39	2	5.1%
NC	BEAUFORT	65	5	7.7%
NC	BERTIE	23	0	0.0%
NC	BLADEN	75	33	44.0%

NC	BRUNSWICK	238	59	24.8%
NC	CAMDEN	42	0	0.0%
NC	CARTERET	103	36	35.0%
NC	CHATHAM	221	16	7.2%
NC	CHOWAN	17	0	0.0%
NC	COLUMBUS	92	31	33.7%
NC	CRAVEN	201	67	33.3%
NC	CUMBERLAND	390	107	27.4%
NC	CURRITUCK	68	0	0.0%
NC	DARE	88	0	0.0%
NC	DUPLIN	89	31	34.8%
NC	EDGECOMBE	47	7	14.9%
NC	FRANKLIN	41	0	0.0%
NC	GATES	15	0	0.0%
NC	GREENE	45	9	20.0%
NC	HALIFAX	71	0	0.0%
NC	HARNETT	139	32	23.0%
NC	HERTFORD	23	0	0.0%
NC	HOKE	52	10	19.2%
NC	HYDE	23	0	0.0%
NC	JOHNSTON	182	20	11.0%
NC	JONES	47	11	23.4%
NC	LEE	79	22	27.8%
NC	LENOIR	87	27	31.0%
NC	MARTIN	28	0	0.0%

NC	MOORE	147	45	30.6%
NC	NASH	164	2	1.2%
NC	NEW HANOVER	287	134	46.7%
NC	NORTHAMPTON	25	0	0.0%
NC	ONSLow	227	86	37.9%
NC	PAMLICO	19	3	15.8%
NC	PASQUOTANK	38	0	0.0%
NC	PENDER	89	31	34.8%
NC	PERQUIMANS	17	0	0.0%
NC	PITT	250	34	13.6%
NC	RICHMOND	101	18	17.8%
NC	ROBESON	149	46	30.9%
NC	SAMPSON	103	45	43.7%
NC	SCOTLAND	55	16	29.1%
NC	TYRRELL	11	0	0.0%
NC	WAKE	1,131	47	4.2%
NC	WASHINGTON	21	0	0.0%
NC	WAYNE	142	30	21.1%
NC	WILSON	94	1	1.1%
NC	GUILFORD	69	0	0.0%
NC	HAYWOOD	9	0	0.0%
NC	YADKIN	12	0	0.0%
TOTAL		5,790	1,063	18.4%

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	0	0.0%
SC	BERKELEY	250	1	0.4%
SC	CALHOUN	30	0	0.0%
SC	CHARLESTON	588	3	0.5%
SC	CHESTERFIELD	77	16	20.8%
SC	CLARENDON	103	2	1.9%
SC	COLLETON	130	1	0.8%
SC	DARLINGTON	120	10	8.3%
SC	DILLON	69	14	20.3%
SC	DORCHESTER	166	2	1.2%
SC	FLORENCE	210	19	9.0%
SC	GEORGETOWN	142	4	2.8%
SC	HAMPTON	48	0	0.0%
SC	HORRY	434	93	21.4%
SC	JASPER	89	0	0.0%
SC	KERSHAW	96	0	0.0%
SC	LEE	76	4	5.3%
SC	MARION	70	14	20.0%
SC	MARLBORO	47	16	34.0%

SC	ORANGEBURG	171	0	0.0%
SC	RICHLAND	548	1	0.2%
SC	SUMTER	162	7	4.3%
SC	WILLIAMSBURG	144	3	2.1%
TOTAL		4,105	210	5.1%

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%
TOTAL		556	0	0.0%

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	72,165
SC	2,378
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 report being out of service (WCTI, WCTI-TV, WTNG-CD, WYDO)

FM Radio stations status:

- 96 FM radio stations reported being operational (W202CD, W214BZ, 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, WFCH, WFMV, WFXH-FM, WGCO, WGTI, WGTR, WILT, WIWF, WJQY-LP, WKFV, WKKZ, WKNC-FM, WKXB, WKXS-FM, WLHC-FM, WLQC-FM, WLXB, WLXM-LP, WLXP, WMCD, WMGL, WMIR, WNCB, WNCT, WNOB, WNOR, WNSB, WORG, WPTM, WPUB-FM, WPWZ, WQAI, WRAL, WRFE, WRHD, WRLY-LP, WRMR, WRWN, WSPA-FM, WSSX-FM, WSVH, WTCQ, WTKK, WTPT, WTRG, WTUA, WUBB, WWDW, WWOS-FM, WWQQ-FM, WWWZ, WXXM, WXJY, WXYY, WYNA, WYTT, WYUM, WZAX, WZRF-LP)
- 3 FM radio stations report being down with programming sent to another station (WGNI, WLGI, WTIB)
- 22 FM radio station report being out of service (W222AO, WBNK, WCCE, WEGX, WEHF-LP, WELS-FM, WFNE-LP, WFVL, WHAR, WIKS, WKGV, WLQB, WMGV, WMNX, WNBU, WOPA-LP, WRHT, WRQP-LP, WRXZ, WSFL-FM, WXNR, WZKT)

AM Radio stations status:

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