

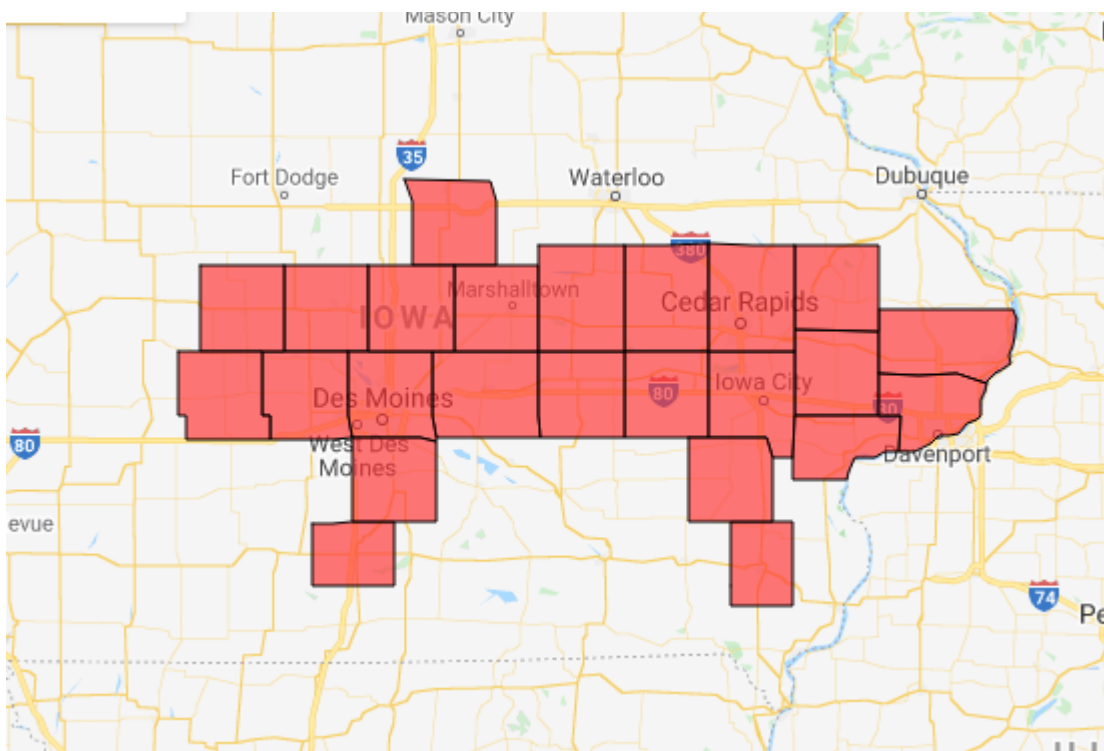


## Communications Status Report for Areas in Iowa Impacted by the Midwest Derecho August 15, 2020

The following is a report on the status of communications services in geographic areas impacted by the Midwest Derecho in Iowa as of August 15, 2020 at 11:30 a.m. EST. This report incorporates network outage data submitted by communications providers to the Federal Communications Commission's (FCC) Disaster Information Reporting System (DIRS). DIRS is currently activated for twenty-four counties in Iowa. Note that the operational status of communications services during a disaster may evolve rapidly, and this report represents a snapshot in time.

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

**IOWA:** Benton, Boone, Cedar, Clarke, Clinton, Dallas, Greene, Guthrie, Hardin, Henry, Jasper, Johnson, Jones, Linn, Marshall, Muscatine, Polk, Poweshiek, Scott, Story, Tama, Warren and Washington





### 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 DIRS, reporting to the FCC's Public Safety Support Center, coordination with state 911 Administrators and, if necessary, direct contact with individual PSAPs.

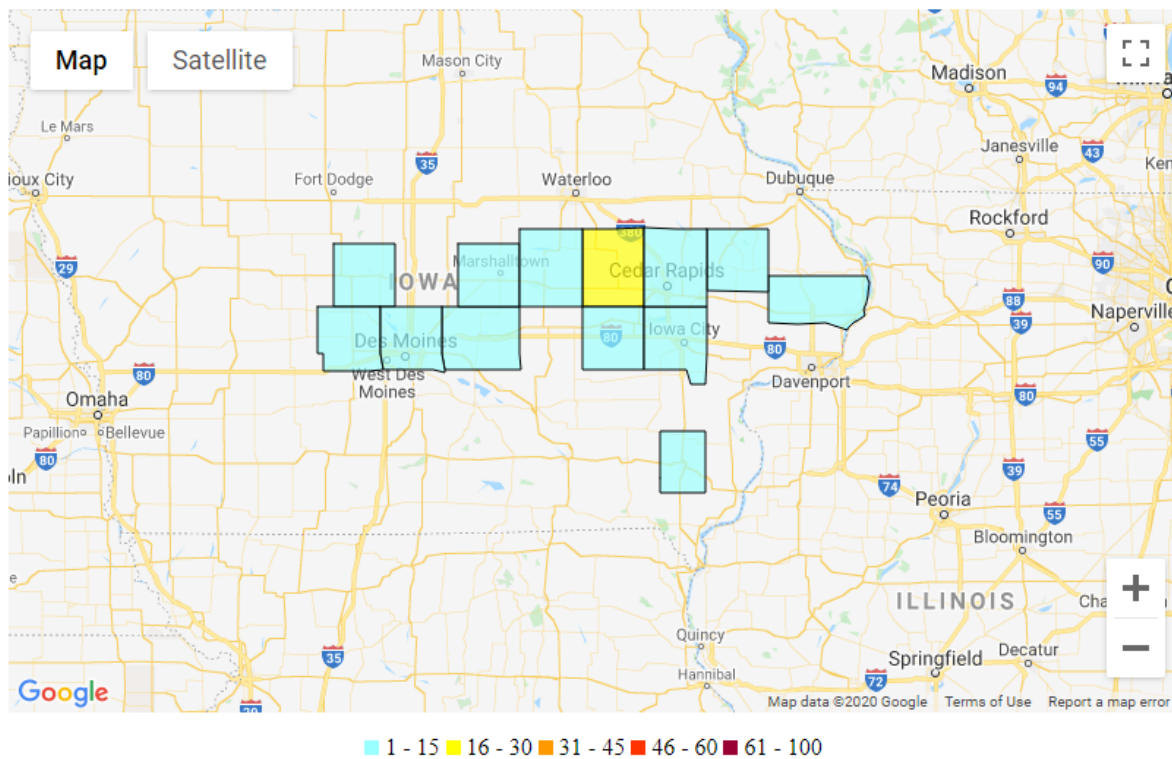
There are no outages affecting PSAPs in the disaster area.

### 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.

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

8/15/2020 11:28:47 AM





The following table provides cell sites out of service by county. There are 3.9% (down from 6.4% yesterday) of the cell sites out of service in the affected areas. The information shown was provided by the signatories to the Wireless Network Resiliency Framework Cooperative Agreement.

**Iowa:**

State	Affected Counties	Cell Sites Served	Cell Sites Out	Percent Out	Cell Sites Out Due to Damage	Cell Sites Out Due to Transport <sup>1</sup>	Cell Sites Out Due to Power	Cell Sites Up but On Back-up Power
IA	BENTON	44	9	20.5%	0	8	1	14
IA	BOONE	31	1	3.2%	0	0	1	2
IA	CEDAR	49	0	0.0%	0	0	0	6
IA	CLARKE	11	0	0.0%	0	0	0	0
IA	CLINTON	64	2	3.1%	0	2	0	11
IA	DALLAS	104	2	1.9%	0	2	0	2
IA	GREENE	13	0	0.0%	0	0	0	0
IA	GUTHRIE	22	0	0.0%	0	0	0	0
IA	HARDIN	35	0	0.0%	0	0	0	0
IA	HENRY	32	1	3.1%	0	1	0	0
IA	IOWA	47	1	2.1%	0	1	0	1
IA	JASPER	65	2	3.1%	0	2	0	8
IA	JOHNSON	196	2	1.0%	0	0	2	9
IA	JONES	34 <sup>2</sup>	2	5.9%	0	2	0	0
IA	LINN	262	30	11.5%	0	13	16	86
IA	MARSHALL	45	6	13.3%	0	2	3	9
IA	MUSCATINE	49	0	0.0%	0	0	0	1
IA	POLK	527	19	3.6%	0	16	3	16
IA	POWESHIEK	45	0	0.0%	0	0	0	12
IA	SCOTT	169	0	0.0%	0	0	0	9
IA	STORY	101	0	0.0%	0	0	0	9
IA	TAMA	50	5	10.0%	0	0	5	15
IA	WARREN	73	0	0.0%	0	0	0	0
IA	WASHINGTON	40	0	0.0%	0	0	0	0
<b>TOTAL</b>		<b>2,108</b>	<b>82</b>	<b>3.9%</b>	<b>0</b>	<b>49</b>	<b>31</b>	<b>210</b>

<sup>1</sup> These are cell sites that are out due to issues with the (typically wireline) networks that route communications traffic to and from the cell sites.

<sup>2</sup> This number is slightly different than yesterday because some providers provided incorrect numbers for this county. This number has been corrected in today's report.



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. In addition, wireless providers frequently use temporary facilities such as cells-on-wheels (also known as 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)**

Cable and wireline companies reported 32,228 (slightly down from 32,378 yesterday) subscribers out of service in the affected areas in Iowa; this may include the loss of telephone, television, and/or Internet services.

#### **Broadcast:**

##### Television stations status:

- 9 (no change from yesterday) TV stations reported being operational (KCCI, KCRG-TV, KCWI-TV, KDSM, KFXA, KGAN, KWQC-TV, WHO-DT, WOI-DT).
- No TV stations reported being out of service.

##### FM Radio stations status:

- 15 (no change from yesterday) FM radio stations reported being operational (K283BV, KALA, KAZR, KCQQ, KCYZ, KDFR, KDRB, KIOA, KKDM, KKRQ, KKSX-FM, KMXG, KOEZ, KSTZ, WLLR-FM).
- 8 (no change from yesterday) FM radio stations reported being out of service. (KCCK, KRTI, KRQC-LP, K213DV, K279BX, K237GC, KXGM, K281BS)

##### AM Radio stations status:

- 9 (down from 11 yesterday) AM radio stations reported being operational (WMT, KMJM, WOC, KXIC, KXNO, KASI, KRNT, KPSZ, WHO)
- 2 (up from 1 yesterday) AM radio stations reported being out of service (KGRN, KROS)