

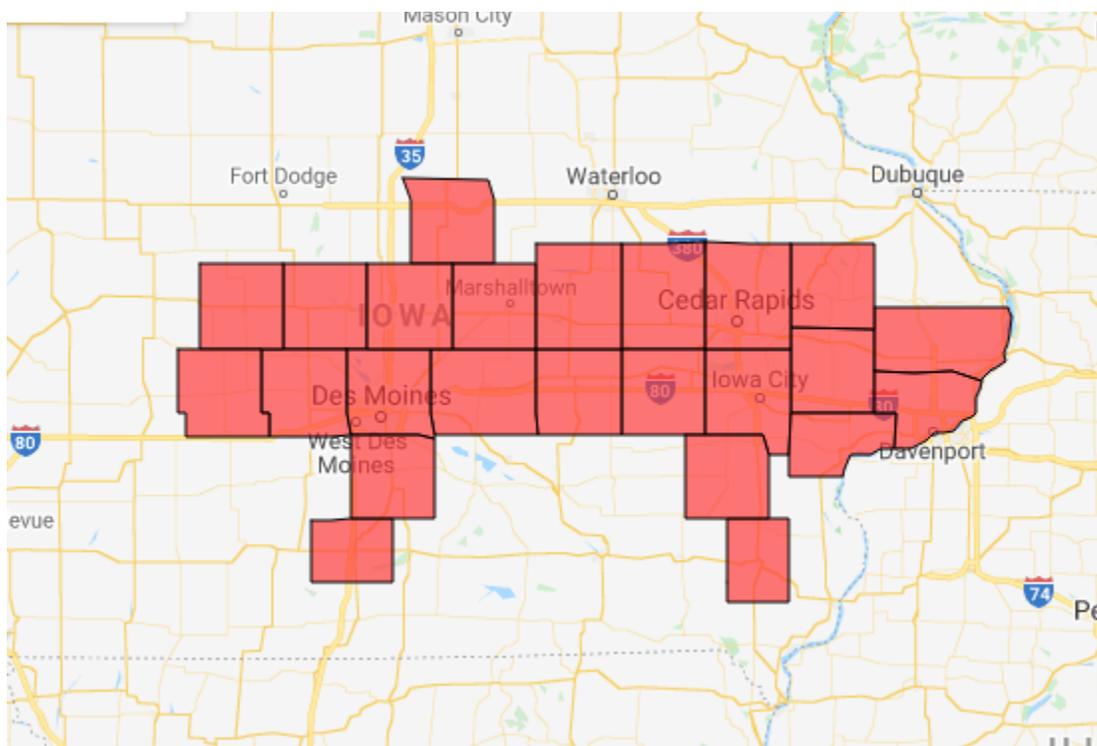


Communications Status Report for Areas in Iowa Impacted by the Midwest Derecho August 13, 2020

The following is a report on the status of communications services in geographic areas impacted by the Midwest Derecho in Iowa as of August 13, 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, Iowa, Jasper, Johnson, Jones, Linn, Marshall, Muscatine, Polk, Poweshiek, Scott, Story, Tama, Warren and Washington





The following table provides cell sites out of service by county. There are 12.4% 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 ¹	Cell Sites Out Due to Power
IA	BENTON	44	19	43.2%	0	15	4
IA	BOONE	24	1	4.2%	0	0	1
IA	CEDAR	41	7	17.1%	0	1	6
IA	CLARKE	7	0	0.0%	0	0	0
IA	CLINTON	49	5	10.2%	1	0	4
IA	DALLAS	89	0	0.0%	0	0	0
IA	GREENE	8	0	0.0%	0	0	0
IA	GUTHRIE	17	0	0.0%	0	0	0
IA	HARDIN	26	1	3.8%	0	0	1
IA	HENRY	27	1	3.7%	0	1	0
IA	IOWA	38	3	7.9%	0	1	2
IA	JASPER	49	6	12.2%	1	3	2
IA	JOHNSON	196	19	9.7%	1	8	9
IA	JONES	24	8	33.3%	0	8	0
IA	LINN	214	66	30.8%	2	15	44
IA	MARSHALL	35	9	25.7%	0	4	4
IA	MUSCATINE	41	1	2.4%	0	0	1
IA	POLK	450	31	6.9%	0	19	12
IA	POWESHIEK	37	12	32.4%	0	5	6
IA	SCOTT	140	6	4.3%	0	0	6
IA	STORY	82	3	3.7%	0	1	2
IA	TAMA	40	19	47.5%	0	9	9
IA	WARREN	60	1	1.7%	0	0	1
IA	WASHINGTON	32	1	3.1%	0	0	1
TOTAL		1,770	219	12.4%	5	90	115

¹ 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.



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 58,804 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:

- 7 TV station reported being operational (KCCI, KCRG-TV, KDSM, KFXA, KGAN, KWQC-TV, WHO-DT).
- No TV stations reported being out of service.

FM Radio stations status:

- 14 FM radio stations reported being operational (KIOA, KSTZ, KAZR, KOEZ, KKRQ, WLLR-FM, K283BV, KKDM, KCYZ, KDFR, KKSJ-FM, KCQQ, KALA, KMXG).
- 3 FM radio stations reported being out of service (KCCK, KRQC-LP, KRTI).

AM Radio stations status:

- 8 AM radio station reported being operational (KASI, KMJM, KPSZ, KRNT, KXIC, KXNO, WMT, WOC).
- 1 AM radio stations reported being out of service (KGRN).