

Communications Status Report for Areas Impacted by California Public Safety Power Shutoffs November 1, 2019

The following is a report on the status of communications services in geographic areas impacted by the power shutoffs as of November 1, 2019 at 11:30 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 is currently activated for 37 affected counties in California. Note that the operational status of communications services during the power shutoffs 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.

California: Alpine, Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Glenn, Humboldt, Kern, Lake, Los Angeles, Marin, Mendocino, Napa, Nevada, Orange, Placer, Plumas, Riverside, San Bernardino, San Diego, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Tehama, Trinity, Tuolumne, Ventura, Yolo, and Yuba.



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.

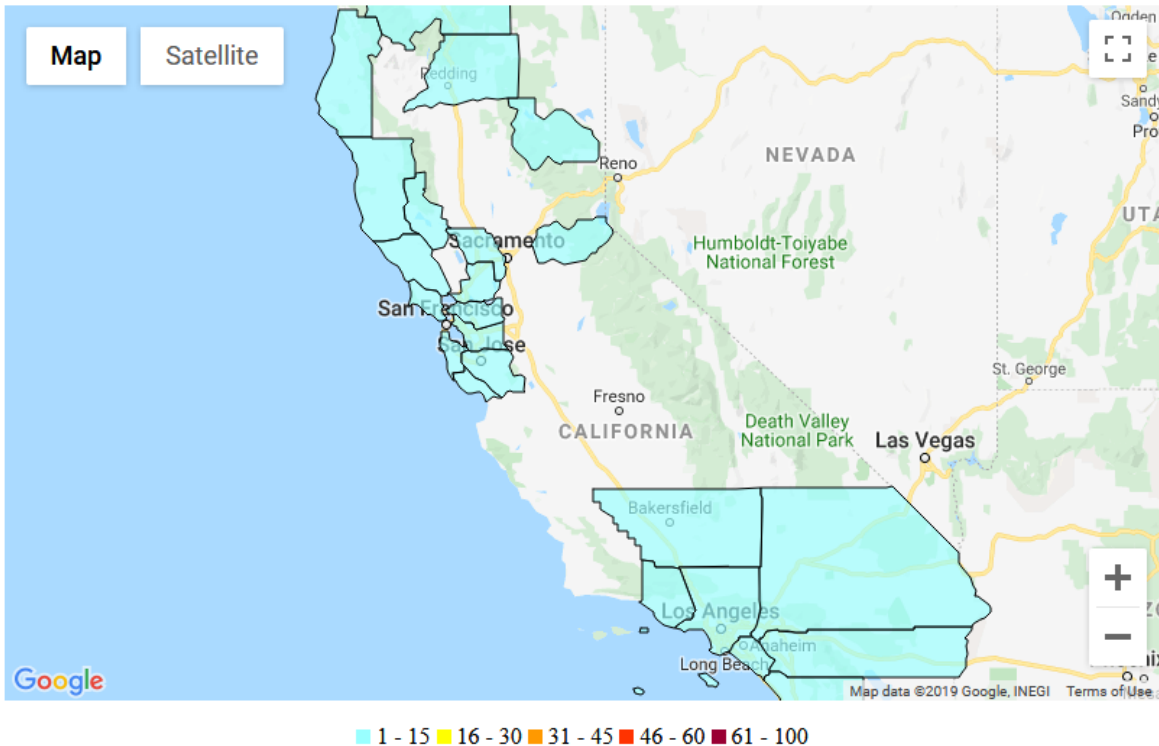
There are no outages affecting PSAPs in the disaster area.

Wireless Services

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

Percent Cell Sites Out-of-Service By County

11/1/2019 11:05:28 AM



The following tables provide cell sites out of service by county. The information shown was provided by the signatories to the Wireless Network Resiliency Framework Cooperative Agreement.

California:

Cell sites out of service due to the power shutoffs: 0.4% (down from 0.9%)

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
CA	ALAMEDA	1,367	8	0.6%	2	0	7
CA	ALPINE	8	0	0.0%	0	0	0
CA	AMADOR	42	0	0.0%	0	0	0
CA	BUTTE	174	0	0.0%	0	0	0
CA	CALAVERAS	46	0	0.0%	0	0	0
CA	CONTRA COSTA	926	3	0.3%	0	0	3
CA	EL DORADO	255	1	0.4%	0	0	1
CA	GLENN	33	0	0.0%	0	0	0
CA	HUMBOLDT	188	1	0.5%	0	0	1
CA	KERN	693	5	0.7%	0	0	3
CA	LAKE	54	1	1.9%	0	0	1
CA	LOS ANGELES	8,700	25	0.3%	2	11	9
CA	MARIN	269	5	1.9%	3	0	2
CA	MENDOCINO	108	2	1.9%	0	1	2
CA	NAPA	129	0	0.0%	0	0	0
CA	NEVADA	123	0	0.0%	0	0	0
CA	ORANGE	3,024	5	0.2%	1	0	4
CA	PLACER	430	0	0.0%	0	0	0
CA	PLUMAS	25	1	4.0%	0	1	0

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.

CA	RIVERSIDE	2,031	2	0.1%	0	1	1
CA	SAN BERNARDINO	2,155	3	0.1%	2	0	1
CA	SAN DIEGO	3,917	12	0.3%	5	5	2
CA	SAN MATEO	837	4	0.5%	4	0	0
CA	SANTA BARBARA	335	0	0.0%	0	0	0
CA	SANTA CLARA	1,895	1	0.1%	1	0	0
CA	SANTA CRUZ	215	1	0.5%	0	0	1
CA	SHASTA	143	1	0.7%	0	0	1
CA	SIERRA	0	0	N/A	0	0	0
CA	SISKIYOU	258	1	0.4%	0	1	0
CA	SOLANO	342	6	1.8%	0	0	7
CA	SONOMA	423	12	2.8%	0	1	10
CA	TEHAMA	61	0	0.0%	0	0	0
CA	TRINITY	14	0	0.0%	0	0	0
CA	TUOLUMNE	34	0	0.0%	0	0	0
CA	VENTURA	677	4	0.6%	0	0	3
CA	YOLO	197	6	3.0%	1	0	5
CA	YUBA	62	0	0.0%	0	0	0
TOTAL		30,190	110	0.4%	21	21	64

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; accordingly, there may be 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 54,463 (down from 117,577 yesterday) subscribers out of service due to the power shutoffs; this may include the loss of telephone, television, and/or Internet services.

Broadcast

Television stations status:

29 (same as yesterday) TV stations reported being operational.
(K40JV-D, K51LK-D, KCAL-DT, KCBS-DT, KDTV-CD, KFMB-TV, KGET-TV, KKPM-CD, KKRM-LD, KNBC, KNSD, KQRO-LD, KQSL, KQSL-LD, KRCA, KRON-TV, KSDX-LD, KSWB-TV, KTLA, KTXL, KUAN-LD, KURK-LD, KUSI-TV, KUSI-TV, KUVS, KUVS-DT, KUVS-DT, KVEA, KYUB-LD)

No TV stations reported being out of service.

2 (same as yesterday) TV stations reported being out of service with programming sent to another station.
(KRDT-CD, KUKR-LD)

FM Radio stations status:

62 (up from 61 yesterday) FM radio stations reported being operational.
(K205BN, K221DQ, K225AU, K238AF, K255CN, K256DA, K264AL, K265CV, K270BE, K276EK, K290CJ, KAMP-FM, KAWJ, KBAY, KBBL, KBUA, KBUE, KBZT, KCAI, KCBS-FM, KDFC, KEBN, KEZR, KFBK-FM, KFMB-FM, KFRB, KHYL, KISQ, KJZY, KKDV, KKIQ, KKLJ, KKRO, KLVY, KMSJ-LP, KMVS, KNVE, KOSC, KPJP, KPRI, KRJK, KROQ-FM, KRQB, KRTH, KSDW, KSON, KTWV, KUIC, KUZZ, KVIP-FM, KVMR, KWFN, KWIZ, KWMR, KWTH, KWVE-FM, KWVF, KXSN, KYKL, KYXY, KZFX, KZST)

11 (up from 8 yesterday) FM radio stations reported being out of service.
(K236AW, K245AI, K285FE, KAAAT, KBAA, KGRB, KHAP, KJOR, KPRA, KRDG, KSRT)

4 (up from 3 yesterday) FM radio stations reported being out of service with programming sent to another station.
(KNOB, KRSH, KSXY, KXTS)

AM Radio stations status:

10 AM radio station reported being operational.
(KEAR, KECR, KFMB, KFRN, KIHG, KLAA, KNX, KVIP, KVNR, KYAA)

1 (up from zero yesterday) AM radio station reported being out of service.
(KTNS)