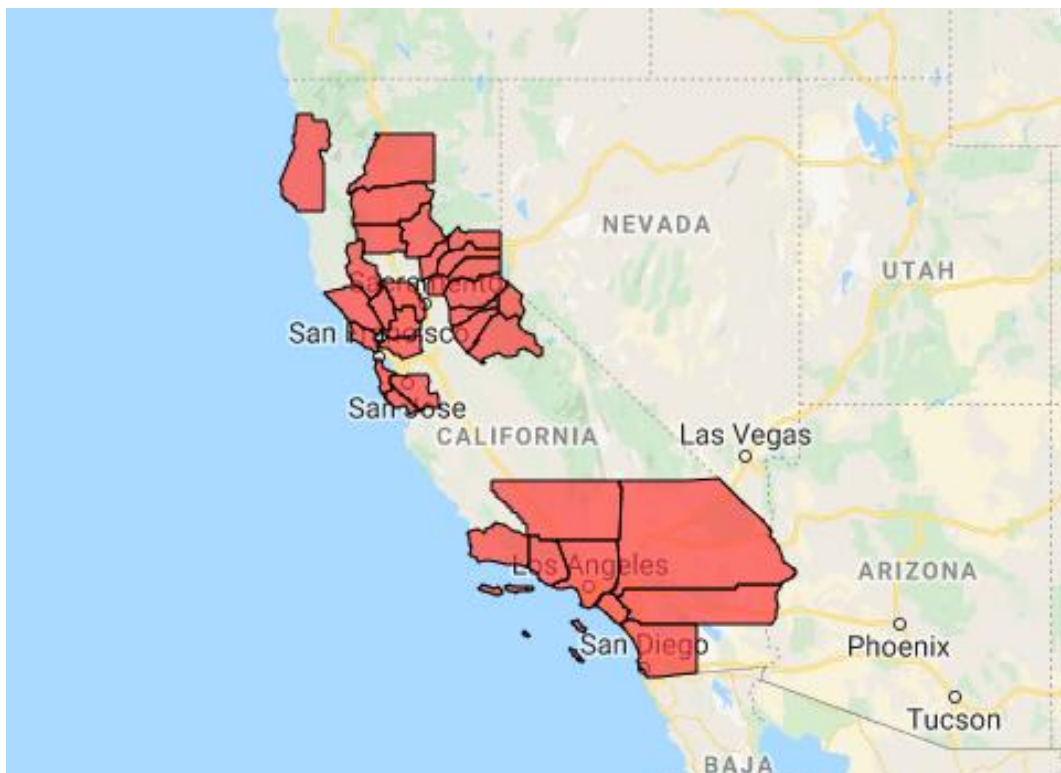


## Communications Status Report for Areas Impacted by California Public Safety Power Shutoffs October 28, 2019

The following is a report on the status of communications services in geographic areas impacted by the power shutoffs as of October 28, 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 32 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, Amador, Butte, Calaveras, Contra Costa, El Dorado, Glenn, Humboldt, Kern, Lake, Los Angeles, Marin, Napa, Nevada, Orange, Placer, Riverside, San Bernardino, San Diego, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Solano, Sonoma, Tehama, 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.

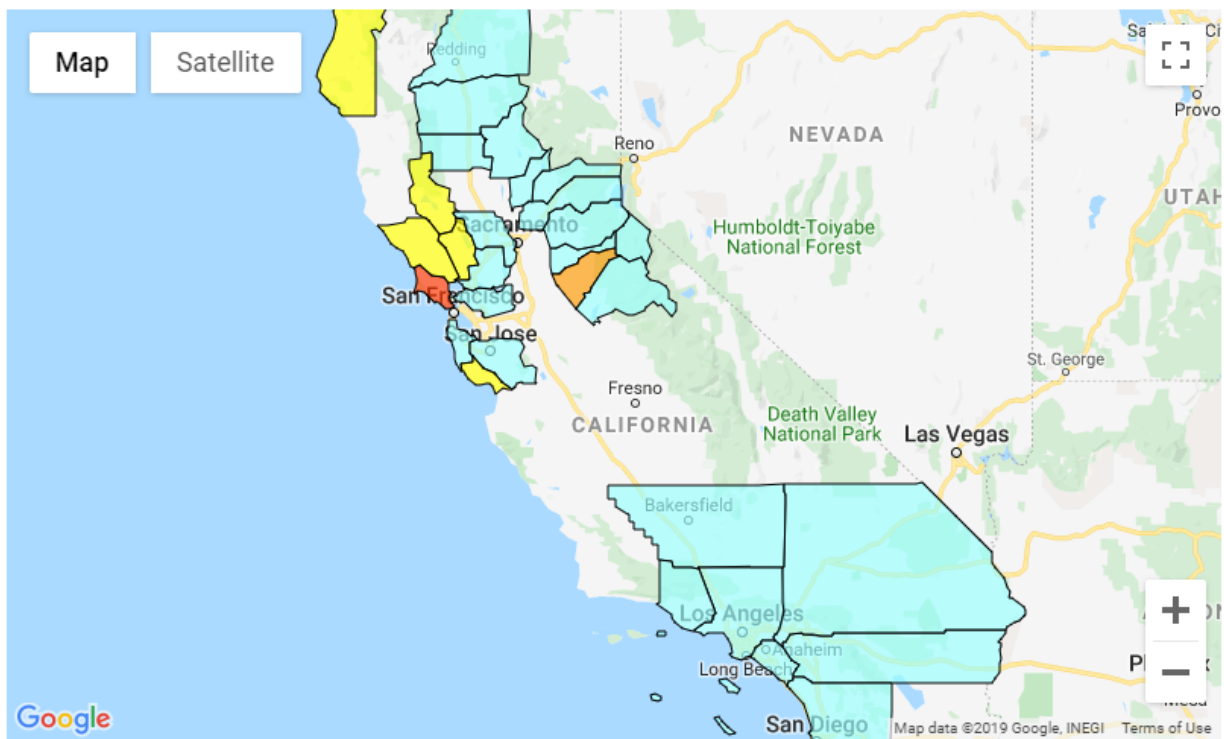
There are no outages affecting PSAPs in the disaster area.

### 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

10/28/2019 11:09:45 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: 3.3% (up from 2.4% yesterday)

Marin county has 57.1% (up from 49.6% yesterday) of its cell sites out of service.

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
CA	ALPINE	8	1	12.5%	0	0	0
CA	AMADOR	41	3	7.3%	0	1	3
CA	BUTTE	175	9	5.1%	0	2	8
CA	CALAVERAS	44	17	38.6%	1	3	12
CA	CONTRA COSTA	933	108	11.6%	5	14	88
CA	EL DORADO	258	38	14.7%	0	1	36
CA	GLENN	33	1	3.0%	0	0	0
CA	HUMBOLDT	188	44	23.4%	3	5	37
CA	KERN	600	1	0.2%	0	0	1
CA	LAKE	55	14	25.5%	0	3	11
CA	LOS ANGELES	7,061	16	0.2%	2	4	8
CA	MARIN	280	160	57.1%	9	7	134
CA	NAPA	130	25	19.2%	0	1	23
CA	NEVADA	123	13	10.6%	0	2	11
CA	ORANGE	3,001	3	0.1%	1	0	2
CA	PLACER	446	28	6.3%	2	5	20
CA	RIVERSIDE	1,771	3	0.2%	1	1	1
CA	SAN BERNARDINO	1,896	4	0.2%	3	1	0
CA	SAN DIEGO	3,975	5	0.1%	3	1	1
CA	SAN MATEO	845	96	11.4%	13	14	64
CA	SANTA BARBARA	339	0	0.0%	0	0	0

<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.

CA	SANTA CLARA	1,893	39	2.1%	3	3	34
CA	SANTA CRUZ	213	48	22.5%	5	6	36
CA	SHASTA	143	15	10.5%	0	4	10
CA	SIERRA	0	0	N/A	0	0	0
CA	SOLANO	342	40	11.7%	0	4	35
CA	SONOMA	436	118	27.1%	5	3	109
CA	TEHAMA	63	8	12.7%	0	1	7
CA	TUOLUMNE	36	5	13.9%	2	0	3
CA	VENTURA	582	4	0.7%	0	2	2
CA	YOLO	193	7	3.6%	2	0	5
CA	YUBA	66	1	1.5%	0	0	1
<b>TOTAL</b>		<b>26,169</b>	<b>874</b>	<b>3.3%</b>	<b>60</b>	<b>88</b>	<b>702</b>

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 454,722 (up from 393,735 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:

14 TV stations reported being operational.  
(KCAL-DT, KCBS-DT, KDTV-CD, KFMB-TV, KNBC, KNSD, KRCA, KSDX-LD, KSWB-TV, KTLA, KUAN-LD, KUSI-TV, KUVS-DT, KVEA)

No TV stations reported being out of service.

FM Radio stations status:

31 FM radio stations reported being operational.

(K256DA, KAMP-FM, KBBL, KBUA, KBUE, KBZT, KCBS-FM, KDFC, KEBN, KFBK-FM, KFMB-FM, KHAP, KHYL, KISQ, KJZY, KOSC, KPRI, KROQ-FM, KRQB, KRTH, KSON, KTWV, KVMR, KWFN, KWIZ, KWVE-FM, KWVF, KXSN, KYXY, KZFX, KZST)

4 FM radio stations reported being out of service.

(K238AF, KKLJ, KNOB, KSXY)

2 FM radio stations reported being out of service with programming sent to another station.

(KRSH, KXTS)

AM Radio stations status:

4 AM radio station reported being operational.

(KECR, KFMB, KNX, KVNR)

2 AM radio stations reported being out of service.

(KIHG, KYAA)