

## Storm Data and Unusual Weather Phenomena - October 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### CALIFORNIA, South Central

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(CA-Z089) W CENTRAL S.J. VALLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY, (CA-Z092) SE S.J. VALLEY, (CA-Z093) S SIERRA FOOTHILLS, (CA-Z094) TULARE CTY FOOTHILLS, (CA-Z095) KERN CTY MTNS, (CA-Z096) S SIERRA MTNS, (CA-Z097) TULARE CTY MTNS, (CA-Z098) INDIAN WELLS VLY, (CA-Z099) SE KERN CTY DESERT

10/01/16 00:00 PST	0	Drought
10/31/16 23:59 PST	0	

The California drought continues during the month of October, 2016. Fresno received 0.67" of precipitation and Bakersfield received 0.24" precipitation during the month. Fresno had slightly above normal precipitation while Bakersfield had slightly below normal precipitation. The near normal precipitation amounts and above normal temperatures we received this month did allow for increased evaporation rates and soil moisture to slightly decrease.

The U.S. Drought Monitor continued to report exceptional drought conditions across the entire Central California region. This extent of exceptional drought is extremely unusual for California. The general trend of below normal precipitation and above normal temperatures has continued this year.

There continues to be significant media coverage on the on-going drought conditions. These reports include discussion of significant re-allocation of water resources from the east to west side of the San Joaquin Valley, farmers forgoing planting of some crops, loss or reduction of ground water, wells drying up in several communities leaving them with no water, and an unprecedented increase in fire danger across the Southern Sierra Nevada and Tehachapi Mountains. Also, communities in Central California interior face state mandated reductions in municipal water use.

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(CA-Z095) KERN CTY MTNS, (CA-Z099) SE KERN CTY DESERT

10/16/16 14:32 PST	0	High Wind (MAX 70 kt)
10/17/16 10:14 PST	0	

Westerly flow with an upper level jet ahead of a nearly stationary west to east orientated cold front over central California brought strong winds to the higher elevations of the Kern County Mountains and allowed gusty winds to develop over parts of the Kern County Desert.

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(CA-Z090) E CENTRAL S.J. VALLEY, (CA-Z091) SW S.J. VALLEY, (CA-Z092) SE S.J. VALLEY

10/28/16 23:35 PST	0	Dense Fog
10/29/16 09:15 PST	0	

Moist soil conditions in the San Joaquin Valley from rain that fell with a low pressure system and cold front that moved through the region the day before coupled with weak ridging that moved in after the cold frontal passage allowed for morning fog development. Many areas across the San Joaquin Valley experienced periods of dense fog.