

Storm Data and Unusual Weather Phenomena - November 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

CALIFORNIA, South Central

(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

11/01/16 00:00 PST	0	Drought
11/30/16 23:59 PST	0	

The California drought continues during the month of November, 2016. Fresno received 1.38" of precipitation and Bakersfield received 0.38" 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.

(CA-Z090) E CENTRAL S.J. VALLEY

11/02/16 02:55 PST	0	Dense Fog
11/02/16 09:25 PST	0	

Area of high pressure moved over the central California region creating favorable conditions for nighttime and early morning radiational fog development for parts of the San Joaquin Valley.

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

11/13/16 01:35 PST	0	Dense Fog
11/14/16 05:15 PST	0	

Area of high pressure moved over the central California region creating favorable conditions for nighttime and early morning radiational fog development for parts of the San Joaquin Valley.

(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

11/16/16 12:14 PST	0	High Wind (MAX 79 kt)
11/16/16 21:45 PST	0	

An upper level low pressure system with an associated boundary moving southeast across central California with tightening surface pressure gradients created strong gusty winds in Sierra Nevada Mountains, Kern County Mountains, and Kern County Desert areas.

(CA-Z095) KERN CTY MTNS

11/18/16 07:09 PST	0	High Wind (MAX 52 kt)
11/18/16 12:45 PST	0	

Strong southerly synoptic flow created by high pressure over southern California and a low pressure trough over northern California brought gusty winds to the Kern County Mountains.

(CA-Z098) INDIAN WELLS VLY, (CA-Z099) SE KERN CTY DESERT

11/19/16 04:00 PST	0	Frost/Freeze
11/19/16 07:50 PST	0	

Cold upper level low brought hard freeze conditions to the Kern County Desert areas.

FRESNO COUNTY --- 2.0 E (FCH) CHANDLER AF [36.73, -119.78]

11/20/16 18:30 PST	0	Heavy Rain
11/21/16 00:00 PST	0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - November 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Moderate to heavy rain in Fresno on Highway 99 north of Highway 41 interchange may have contributed to a fatal car crash around 1900 PST. The stretch of highway 99 was closed until around midnight 11/21 due to the crash investigation.

A cold front associated with an eastward moving low pressure system over northern and central California brought moderate rainfall with periods of heavy rainfall to parts of the San Joaquin Valley.

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

11/22/16 01:15 PST	0	Dense Fog
11/22/16 11:05 PST	0	

High pressure moving into the central California region which was recently dampened by a previous storm system allowed for ideal radiational cooling conditions and dense fog in the San Joaquin Valley.

(CA-Z093) S SIERRA FOOTHILLS, (CA-Z096) S SIERRA MTNS, (CA-Z097) TULARE CTY MTNS

11/26/16 16:00 PST	0	Heavy Snow
11/27/16 11:00 PST	0	

(CA-Z095) KERN CTY MTNS

11/27/16 13:29 PST	0	High Wind (MAX 54 kt)
11/27/16 20:00 PST	0	

Orographic lifting ahead of a cold frontal boundary associated with an eastern moving low pressure system through central and northern California caused heavy snows in parts of the Sierra Nevada range and high winds in the Kern County Mountains.