

Storm Data and Unusual Weather Phenomena - November 2017

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

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

11/11/17 03:27 PST	0	Dense Fog
11/11/17 09:30 PST	0	

High Pressure built into central California on the morning of November 11 which allowed for winds to diminish and skies to clear out resulting in the development of dense fog across the east side of the San Joaquin Valley. The dense fog adversely impacted holiday travel across portions of State Route 99 until burning off during the late morning hours.

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

11/16/17 04:00 PST	0	Heavy Snow
11/17/17 10:00 PST	0	

FRESNO COUNTY --- 3.0 NW CLOVIS [36.85, -119.74]

11/17/17 04:09 PST	0	Heavy Rain
11/17/17 04:39 PST	0	Source: Trained Spotter

A trained spotter 3NW Clovis measured 0.53 inches of rainfall in 30 minutes.

A strong upper trough pushed through the Pacific Northwest on November 16 and 17. A fetch of deep moisture of tropical origin was pulled up ahead of this trough and brought moderate to heavy precipitation to Merced and Mariposa Counties as well as to Yosemite National Park. Several locations in Yosemite National Park measured between 2 and 4 inches of rainfall while several mountain and foothill stations in Madera, Fresno and Tulare Counties picked up over an inch of rain. Snow was basically confined to elevations above 8000 feet as a warm airmass prevailed over the region. Several SNOTELs above 9000 feet did pick up between 1 and 2 feet of fresh snowfall as this was the first significant storm of the season at the higher elevations.

(CA-Z095) KERN CTY MTNS

11/17/17 14:15 PST	0	Dense Fog
11/17/17 17:55 PST	0	

Low clouds and fog banked up along the south end of the San Joaquin Valley and along the valley facing slopes of the Tehachapi Mountains on the afternoon of November 17 following a cold frontal passage. Dense fog formed in the Tehachapi area which impacted travel along State Route 58 for a few hours.

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

11/19/17 05:16 PST	0	Dense Fog
11/19/17 09:56 PST	0	

High pressure built into Central California during the morning of November 19 which brought clearing skies and diminishing winds to the San Joaquin Valley. Areas of dense fog formed toward sunrise across portions of the valley as inversion conditions set up. The fog dissipated by late morning.

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

11/22/17 04:53 PST	0	Dense Fog
11/22/17 08:53 PST	0	

High pressure strengthened over central California on the morning of November 22. Mostly clear skies, light winds and a strong surface inversion allowed for patches of dense fog toward sunrise; and a Dense Fog Advisory was issued for portions of the central San Joaquin Valley. The fog dissipated by late morning.

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

11/25/17 04:53 PST	0	Dense Fog
11/25/17 09:34 PST	0	

High pressure remained over central California over the Thanksgiving holiday weekend and with clear skies and light winds prevailing over the San Joaquin Valley on the morning of November 25, areas of dense fog formed most noticeably near Merced and Hanford which impacted travel along State Routes 99, 140, 198, and 43. The fog dissipated by late morning.

(CA-Z093) S SIERRA 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

Storm Data and Unusual Weather Phenomena - November 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/26/17 20:30 PST		0	High Wind (MAX 73 kt)
	11/27/17 11:52 PST		0	

A strong fast-moving upper trough pushed into northern California on November 26 and spread precipitation southward into central California by late evening. The main cold front with this system dropped southward through the area on the morning of November 27 and produced widespread rain and higher elevation snow. Widespread precipitation amounts of half an inch to an inch of rain fell over the Southern Sierra Nevada while portions of the San Joaquin Valley picked up a few tenths of an inch of rain. However, the snow level was above 10000 feet for much of the event although it lowered to around 4000 feet behind the cold front; and snowfall accumulations were only up to a few inches below 10000 feet. The most significant impact from this system was a period of strong winds over the southern Sierra Nevada and Tehachapi Mountains as well as across the Kern County deserts from the evening of November 26 to the early afternoon of November 27.

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

11/30/17 04:55 PST	20K	Dense Fog
11/30/17 10:50 PST	0	

Patchy fog returned to the San Joaquin Valley on the morning on November 28 as high pressure built in over central California. The high weakened on the 29th as a weak trough passed by to the north of the area, but strengthened again on the morning of the 30th resulting in clearing skies and light winds across the area. Areas of dense fog formed in the San Joaquin valley as a result on the morning of the 30th. The fog dissipated by late morning.