

Storm Data and Unusual Weather Phenomena - October 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CALIFORNIA, South Central				
KERN COUNTY --- 4.9 S GREENFIELD [35.20, -119.01], 4.8 S GREENFIELD [35.20, -119.01], 3.6 S GREENFIELD [35.22, -119.01], 3.8 SSE PUMPKIN CENTER [35.22, -119.02]				
	10/03/18 08:29 PST		1K	Debris Flow
	10/03/18 09:58 PST		0	Source: Law Enforcement
California Highway Patrol reported eucalyptus branches washed onto State Route 99 near the intersection of State Route 223.				
MARIPOSA COUNTY --- 6.8 NW SOUTH FORK [37.71, -119.98], 6.8 NW SOUTH FORK [37.71, -119.98], 6.8 NW SOUTH FORK [37.71, -119.98], 6.8 NW SOUTH FORK [37.71, -119.98]				
	10/03/18 13:01 PST		0	Debris Flow
	10/03/18 13:37 PST		0	Source: Law Enforcement
California Highway Patrol reported large rocks on Bull Creek Road near Ferguson Bridge.				
MARIPOSA COUNTY --- 0.6 SSE INCLINE [37.66, -119.85], 0.6 S INCLINE [37.66, -119.85], 0.7 S INCLINE [37.66, -119.85], 0.7 SSE INCLINE [37.66, -119.85]				
	10/03/18 13:40 PST		0	Debris Flow
	10/03/18 15:40 PST		0	Source: Law Enforcement
California Highway Patrol reported debris moving onto State Route 140 and into the Indian Flat Campground near El Portal.				
MARIPOSA COUNTY --- 1.8 NW SOUTH FORK [37.67, -119.90], 1.9 NW SOUTH FORK [37.67, -119.90], 1.2 NW SOUTH FORK [37.66, -119.90], 1.5 WNW SOUTH FORK [37.66, -119.90]				
	10/03/18 13:40 PST		0	Debris Flow
	10/03/18 15:40 PST		0	Source: Law Enforcement
California Highway Patrol reported 3 feet of mud covering State Route 140 7 miles west of El Portal.				
MARIPOSA COUNTY --- 2.2 WNW SOUTH FORK [37.67, -119.91], 1.9 NW SOUTH FORK [37.67, -119.91], 2.2 NW SOUTH FORK [37.67, -119.91], 2.5 NW SOUTH FORK [37.67, -119.92]				
	10/03/18 14:22 PST		5K	Debris Flow
	10/03/18 15:40 PST		0	Source: Law Enforcement
California Highway Patrol reported trees down along State Route 140 7 miles west of El Portal.				
FRESNO COUNTY --- 4.1 SE TURK [36.13, -120.16], 4.6 ESE TURK [36.13, -120.15], 4.3 ESE TURK [36.14, -120.15], 3.7 ESE TURK [36.14, -120.16]				
	10/03/18 14:44 PST		0	Flash Flood (due to Heavy Rain)
	10/03/18 17:41 PST		0	Source: Law Enforcement
California Highway Patrol reported flash flooding near the intersection of Interstate 5 and Jayne Ave.				
FRESNO COUNTY --- 2.6 SSE TURK [36.13, -120.21], 2.8 SSE TURK [36.13, -120.20], 2.4 SSE TURK [36.14, -120.20], 2.2 SSE TURK [36.14, -120.21]				
	10/03/18 14:54 PST		0	Flash Flood (due to Heavy Rain)
	10/03/18 17:45 PST		0	Source: Law Enforcement
California Highway Patrol reported flash flooding at the intersection of Sutter Ave. and Jayne Ave. Traffic was backed up 1 mile due to flash flooding.				
KINGS COUNTY --- 9.6 SSE AVENAL [35.87, -120.07], 9.6 SSE AVENAL [35.87, -120.07], 9.6 SSE AVENAL [35.87, -120.06], 9.8 SSE AVENAL [35.87, -120.07]				
	10/03/18 15:35 PST		0	Flash Flood (due to Heavy Rain)
	10/03/18 17:05 PST		0	Source: Law Enforcement
California Highway Patrol reported flash flooding on State Route 41. Mud and debris were covering the westbound lanes on State Route 41.				
KINGS COUNTY --- 15.6 SSW AVENAL [35.78, -120.21], 16.1 SSW AVENAL [35.78, -120.21], 16.0 S AVENAL [35.77, -120.18], 15.5 S AVENAL [35.78, -120.18], 15.2 SSW AVENAL [35.79, -120.19]				
	10/03/18 15:36 PST		0	Debris Flow
	10/03/18 20:11 PST		0	Source: Law Enforcement

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California Highway Patrol reported flooding and mudslides across State Route 41 near the border of Kings and Kern Counties.				
FRESNO COUNTY --- 3.2 ENE CEDAR GROVE [36.79, -118.61], 4.2 ENE CEDAR GROVE [36.80, -118.60], 4.2 E CEDAR GROVE [36.79, -118.59], 3.5 E CEDAR GROVE [36.79, -118.61]				
	10/03/18 15:57 PST	0		Debris Flow
	10/03/18 17:31 PST	0		Source: Park/Forest Service
Sequoia/Kings Canyon National Park rangers reported large boulders on State Route 180 in Kings Canyon.				
FRESNO COUNTY --- 4.0 SE ORA [36.11, -120.28], 4.4 SE ORA [36.11, -120.27], 3.0 SE NEW COALINGA AIRPORT [36.13, -120.27], 2.7 SSE NEW COALINGA AIRPORT [36.14, -120.28]				
	10/03/18 16:03 PST	0		Flood (due to Heavy Rain)
	10/03/18 17:14 PST	0		Source: Law Enforcement
California Highway Patrol reported flooding on State Route 33 south of Jayne Ave.				
TULARE COUNTY --- 0.9 SSW CAMP NELSON [36.14, -118.63], 0.9 SSW CAMP NELSON [36.14, -118.63], 0.9 SSW CAMP NELSON [36.14, -118.63], 0.9 SSW CAMP NELSON [36.14, -118.63]				
	10/03/18 18:32 PST	0		Flood (due to Heavy Rain / Burn Area)
	10/04/18 16:00 PST	0		Source: Law Enforcement
California Highway Patrol reported a mud slide and a log on State Route 190 near Pierpont Dr.				
TULARE COUNTY --- 1.0 SW CAMP NELSON [36.14, -118.63], 1.0 SSW CAMP NELSON [36.14, -118.63], 1.0 SSW CAMP NELSON [36.14, -118.63], 0.9 SW CAMP NELSON [36.14, -118.63]				
	10/03/18 18:40 PST	0		Debris Flow
	10/04/18 06:25 PST	0		Source: Law Enforcement
California Highway Patrol reported a mudslide and logs across McComber Drive near Camp Nelson.				
TULARE COUNTY --- 5.0 W CAMP NELSON [36.16, -118.71], 4.8 W CAMP NELSON [36.16, -118.70], 4.8 W CAMP NELSON [36.16, -118.70], 4.9 W CAMP NELSON [36.16, -118.71]				
	10/03/18 18:40 PST	0		Flood (due to Heavy Rain / Burn Area)
	10/04/18 16:00 PST	0		Source: Law Enforcement
California Highway Patrol reported flooding and debris on State Route 190 near Wishon Dr.				
TULARE COUNTY --- 0.9 ENE TULARE [36.23, -119.33], 1.0 E TULARE [36.22, -119.33], 1.0 E TULARE [36.22, -119.33], 1.0 ENE TULARE [36.23, -119.33]				
	10/03/18 20:13 PST	0		Flood (due to Heavy Rain)
	10/04/18 06:26 PST	0		Source: Law Enforcement
California Highway Patrol reported flooding on State Route 99 under the Prosperity Ave. overpass in Tulare due to heavy rain and a clogged drain.				
FRESNO COUNTY --- 3.2 NNW GLORIETTA [36.89, -119.70], 3.7 NNW GLORIETTA [36.90, -119.70], 3.7 NNW GLORIETTA [36.90, -119.69], 3.1 NNW GLORIETTA [36.89, -119.70]				
	10/03/18 20:15 PST	0		Flood (due to Heavy Rain)
	10/03/18 21:15 PST	0		Source: Trained Spotter
A trained spotter reported close to an inch of rainfall in an hour and street flooding 5 miles north of Clovis.				
TULARE COUNTY --- 0.8 N CINOWTHS CORNER [36.34, -119.33], 0.8 NNW CINOWTHS CORNER [36.34, -119.33], 0.9 NNW CINOWTHS CORNER [36.34, -119.33], 0.8 N CINOWTHS CORNER [36.34, -119.33]				
	10/03/18 21:15 PST	0		Flood (due to Heavy Rain)
	10/03/18 22:15 PST	0		Source: NWS Employee
A National Weather Service employee reported street flooding near the intersection of Demaree Ave. and Houston Ave. in Visalia.				
KERN COUNTY --- 10.3 NNW MC KITTRICK [35.44, -119.69], 10.3 NNW MC KITTRICK [35.44, -119.69], 10.4 NNW MC KITTRICK [35.44, -119.69], 10.4 NNW MC KITTRICK [35.44, -119.69]				
	10/03/18 21:26 PST	0		Flood (due to Heavy Rain)
	10/03/18 22:48 PST	0		Source: Law Enforcement

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California Highway Patrol reported standing water and debris on 7th Standard Road near the intersection of State Highway 33.

KERN COUNTY --- 7.4 NE EDISON [35.44, -118.80], 7.5 NE EDISON [35.44, -118.80], 7.7 NE EDISON [35.44, -118.79], 7.7 NE EDISON [35.44, -118.79]	10/03/18 21:35 PST		0	Flood (due to Heavy Rain)
	10/03/18 23:20 PST		0	Source: Law Enforcement

California Highway Patrol reported large and medium sized rocks on State Route 178 at the mouth of the Kern River Canyon.

KERN COUNTY --- 5.4 E DELANO AIRPORT [35.77, -119.13], 5.2 E DELANO AIRPORT [35.76, -119.14], 5.6 E DELANO AIRPORT [35.76, -119.13], 5.9 E DELANO AIRPORT [35.77, -119.13]	10/03/18 21:46 PST		0	Flood (due to Heavy Rain)
	10/03/18 22:58 PST		0	Source: Law Enforcement

California Highway Patrol reported standing water covering the intersection of State Route 155 and Famoso-Porterville Road.

An upper level low pressure system dropped southward along the California coast on October 2 spreading precipitation across the Central California Interior. Most of the San Joaquin Valley received a few hundredths of an inch of rainfall while the Southern Sierra Nevada picked up a few tenths of an inch with some locally higher amounts. The low slowly tracked toward the Southern California coast on October 3 which provided for enough instability for scattered thunderstorms to break out over the area during the afternoon. The thunderstorms produced moderate to heavy rainfall across portions of the San Joaquin Valley and Southern Sierra Nevada. There were numerous reports of flooding during the afternoon and evening of October 3 and Flash Flooding was reported near Kettleman City and Huron along the west side of the San Joaquin Valley. A Flash Flood Emergency was issued for the Ferguson Fire burn scar where there several reports of debris flows and roads being washed out. There were several reports of one to two inches of rainfall in the San Joaquin Valley and Southern Sierra Nevada from the October 3 thunderstorms. With a warm airmass prevailing over the area, snow levels were above 11000 feet and snowfall was confined to the higher peaks in the Southern Sierra Nevada. The low moved east of the region on October 4 bringing an end to the precipitation.

(CA-Z095) KERN CTY MTNS, (CA-Z097) TULARE CTY MTNS

	10/06/18 15:14 PST		0	High Wind (MAX 53 kt)
	10/06/18 17:27 PST		0	

An upper level low pressure system pushed into the Pacific Northwest on October 5 then dropped southeast into the Great Basin on October 6 providing the Kern County Mountains and Deserts with a period of strong winds during the afternoon and evening hours as a cold front associated with this system pushed through central California. Several reporting stations had wind gusts exceeding 45 mph, and a few low impact indicator sites had gusts around 60 mph. In addition, scattered showers brought some precipitation to the mountains and Kern County Deserts with the several locations in the Southern Sierra Nevada picking up a few tenths of an inch of rainfall while the Kern County Mountains and Deserts generally picked up a few hundredths of an inch of rainfall. Breezy conditions prevailed on the west side of the San Joaquin Valley during the morning of October 7 where several stations measured gusts around 40 mph. The winds diminished by the afternoon of October 7 as the low moved into the Desert Southwest region.

(CA-Z093) S SIERRA FOOTHILLS

	10/14/18 21:03 PST		70K	Strong Wind (MAX 43 kt)
	10/15/18 00:42 PST		0	

A low pressure system moved into southern California on October 13 and moved slowly inland on October 14. While the precipitation with this system mainly stayed to the south of our area, it interacted with an upper ridge that was building into the Pacific Northwest to produce a strong offshore gradient over central California which resulted in a brief period of strong mono-type northeast winds over the Southern Sierra Nevada during the late evening of October 14 and the early morning of October 15. Several dead trees were blown down near North Fork and Bass Lake in Madera County resulting in some brief road closures and some damage to a few structures.

(CA-Z099) SE KERN CTY DESERT

	10/29/18 22:10 PST		0	High Wind (MAX 53 kt)
	10/29/18 22:10 PST		0	

A dry upper trough pushed through California on October 29. This system brought a noticeable cooling trend to the area with diurnal temperatures lowering by several degrees from the previous day and a period of strong winds along the west side of the San Joaquin Valley where there were several gusts between 30 and 40 mph and over the higher elevations of Kern County where a few locations had peak gusts around 50 mph. The wind slowly diminished on October 30 as the through moved to the east of the area.