

Storm Data and Unusual Weather Phenomena - April 2020

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

(CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA

	04/01/20 19:10 PST	0		High Wind (MAX 76 kt)
	04/01/20 22:27 PST	0		

A dry cold front pushed through central California on April 1 bringing gusty winds to the Kern County Mountains and Deserts where there were several gusts above 40 mph. Two low impact indicator sites had strong gusts during the evening of April 1. The gusty winds continued on April 2 as onshore pressure gradients remained strong until the evening when the winds finally diminished.

MERCED COUNTY --- 0.0 W HILMAR [37.42, -120.85], 0.2 SSW HILMAR [37.42, -120.85], 0.2 SSE HILMAR [37.42, -120.85], 0.0 E HILMAR [37.42, -120.85]

	04/05/20 14:06 PST	0		Flood (due to Heavy Rain)
	04/05/20 16:06 PST	0		Source: Law Enforcement

California Highway Patrol reported roadway flooding at the intersection of SR 165 and August Ave. in Hilmar.

(CA-Z192) CENTRAL SIERRA, (CA-Z193) NORTH KINGS RIVER

	04/05/20 15:00 PST	0		Heavy Snow
	04/06/20 07:00 PST	0		

FRESNO COUNTY --- 1.4 N CAMDEN [36.45, -119.80], 1.9 SSW WILDFLOWER [36.47, -119.69]

	04/06/20 14:30 PST	0		Funnel Cloud
	04/06/20 14:40 PST	0		Source: Public

Several public reports and videos were received of a funnel cloud near Laton.

A very cold and moist low pressure system dropped south out of the Gulf of Alaska on April 4 and moved slowly southward off the California coast on April 5 and 6. This system brought moderate to heavy precipitation to the area between the afternoon of April 5 to the afternoon of April 6. Several stations in the Sierra Nevada and adjacent foothills picked up between 1.5 and 3 inches of liquid precipitation while much of the eastern San Joaquin Valley picked up between 0.75 and 1.5 inches of rainfall. The west side of the San Joaquin Valley along with the Kern County Mountains and Deserts generally picked up between half and inch and an inch of rain. Several STOTEL stations in the Sierra Nevada above 5500 feet picked up an estimated 18 to 36 of new snowfall with a few stations above 8000 feet picking up higher amounts. There were reports of localized nuisance flooding, as a few thunderstorms popped up during the afternoon of April 6. One of the thunderstorms produced a funnel cloud near Laton which was observed by several spotters and reported by several media outlets.

KERN COUNTY --- 1.2 NNE SALTDAL [35.39, -117.88], 2.2 W GARLOCK [35.40, -117.82], 1.8 SW GARLOCK [35.38, -117.80], 1.5 E SALTDAL [35.37, -117.85], 1.0 N CANTIL [35.31, -117.97], 2.2 N CANTIL [35.33, -117.97]

	04/07/20 21:45 PST	0		Flood (due to Heavy Rain)
	04/10/20 08:00 PST	0		Source: Law Enforcement

California Highway Patrol reported roadway flooding on Red Rock-Randsburg Road which resulted in the road being closed for over 2 days.

KERN COUNTY --- 3.0 SSW LAKEVIEW [35.06, -119.14], 3.2 SSW LAKEVIEW [35.06, -119.14], 3.1 SSW LAKEVIEW [35.06, -119.13], 2.8 SSW LAKEVIEW [35.06, -119.13]

	04/07/20 23:06 PST	0		Flood (due to Heavy Rain)
	04/09/20 08:00 PST	0		Source: Law Enforcement

California Highway Patrol reported roadway flooding on SR 166 between Maricopa and Mettler due to earlier heavy rain.

KERN COUNTY --- 3.1 WSW WEED PATCH [35.21, -118.97], 3.2 WSW WEED PATCH [35.21, -118.97], 3.0 WSW WEED PATCH [35.21, -118.97], 3.0 WSW WEED PATCH [35.21, -118.97]

	04/08/20 09:54 PST	0		Flood (due to Heavy Rain)
	04/09/20 08:00 PST	0		Source: Law Enforcement

California Highway Patrol reported roadway flooding at the intersection of SR 223 and Adobe Road 5SW Lamont.

KERN COUNTY --- 4.8 NE OIL CENTER [35.45, -118.92], 4.6 NE OIL CENTER [35.44, -118.92], 4.9 NE OIL CENTER [35.44, -118.91], 5.0 N MAGUNDEN [35.44, -118.90], 5.4 NE OIL CENTER [35.45, -118.91], 5.3 NE OIL CENTER [35.45, -118.91]

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	04/08/20 10:50 PST		0	Flood (due to Heavy Rain)
	04/09/20 08:00 PST		0	Source: Law Enforcement

California Highway Patrol reported roadway flooding along with rock and mud debris in Hart Park.

KERN COUNTY --- 1.1 SE OILDALE [35.41, -119.02], 1.1 SSE OILDALE [35.41, -119.02], 1.1 SE OILDALE [35.41, -119.02], 1.1 SE OILDALE [35.41, -119.02]				
	04/08/20 12:15 PST		0	Flood (due to Heavy Rain)
	04/09/20 08:00 PST		0	Source: Law Enforcement

California Highway Patrol reported roadway flooding at the intersection of Hart St. and East McCord Ave. in Oildale.

KERN COUNTY --- 6.2 NNE EDISON [35.43, -118.81], 6.3 NE MAGUNDEN [35.43, -118.82], 8.0 SW DEMOCRAT SPGS [35.46, -118.78], 7.8 SW DEMOCRAT SPGS [35.45, -118.77]				
	04/08/20 21:34 PST		0	Debris Flow
	04/10/20 08:00 PST		0	Source: Law Enforcement

California Highway Patrol reported SR 178 was closed due to rock slides with large boulders blocking all lanes.

KERN COUNTY --- 5.1 W MC KITTRICK [35.31, -119.72], 5.0 WNW MC KITTRICK [35.32, -119.72], 4.0 W MC KITTRICK [35.31, -119.70], 4.1 W MC KITTRICK [35.31, -119.70]				
	04/09/20 05:38 PST		0	Debris Flow
	04/10/20 08:00 PST		0	Source: Law Enforcement

California Highway Patrol reported rock and mud debris blocking the east bound lane on SR 58.

The cold upper low pressure system that brought moderate to heavy precipitation across much of the area on April 5 and 6 was situated off the southern California coast on April 7 then tracked slowly northeast toward central California on April 8 and across the area on April 9. As a result, additional precipitation spread into Kern County during the evening of April 7 and spread northward across the area on April 8. This system produced periods of heavy rainfall across Kern County on April 8 where there were widespread reports of a half inch to an inch of rainfall which resulted in several instances of debris flows and nuisance roadway flooding. Further north, much of Fresno, Kings and Tulare Counties measured between a quarter and a half inch of liquid precipitation while areas north of Fresno County generally picked up between a tenth of an inch to a quarter inch of liquid precipitation. Several stations above 5500 feet in Kern and Tulare Counties picked up between 3 and 6 inches of new snowfall. The precipitation finally ended by the evening of April 9 as the low moved out of our area.

MARIPOSA COUNTY --- 2.0 W SOUTH FORK [37.65, -119.92]				
	04/17/20 15:09 PST		0	Heavy Rain
	04/17/20 15:39 PST		0	Source: Department of Highways

California Department of Transportation measured 0.34 inches and 0.28 inches of rainfall in a 15 minute period along SR 140 in the Ferguson Burn scar area prompting closure of the highway during the afternoon.

FRESNO COUNTY --- 7.0 S ORO LOMA [36.78, -120.66], 7.2 S ORO LOMA [36.78, -120.66], 7.3 S ORO LOMA [36.78, -120.66], 7.0 S ORO LOMA [36.78, -120.66]				
	04/17/20 18:08 PST		0	Flood (due to Heavy Rain)
	04/17/20 20:08 PST		0	Source: Law Enforcement

California Highway Patrol reported roadway flooding at the intersection of W. Shields Ave. and N. Russell Ave.

TULARE COUNTY --- 1.0 ENE TULARE [36.22, -119.33], 1.0 ENE TULARE [36.23, -119.33], 0.9 ENE TULARE [36.23, -119.34], 0.9 ENE TULARE [36.22, -119.33]				
	04/18/20 06:50 PST		0	Flood (due to Heavy Rain)
	04/18/20 08:50 PST		0	Source: Law Enforcement

California Highway Patrol reported roadway flooding on SR 99 at the Prosperity Ave. exchange in Tulare.

A low pressure system dropped southward along the California coast on April 16 then slowly moved inland over southern California on April 17. This system provided enough moisture for widespread showers and scattered thunderstorms to develop by the afternoon of April 17 and continue through the morning of April 18. The showers and thunderstorms produced locally heavy precipitation in some areas and some areas of flooding were observed. Rainfall amounts varied due to the convective nature of the precipitation, but a few locations measured close to an inch of rainfall during this period while most stations picked up between a tenth and a half inch of rain. Above 7000 feet, the precipitation mainly fell in the form of snow; and several stations in the higher elevations of the Sierra Nevada picked up between 2 and 5 inches of new snowfall.

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(CA-Z196) TEHACHAPI AREA	04/30/20 18:14 PST		0	High Wind (MAX 59 kt)
	04/30/20 18:20 PST		0	

A dry cold front pushed through the area during the morning of April 30. With the passage of the front, a strong onshore pressure gradient developed and produced strong wind gusts over the ridge tops and below the mountain passes in Kern County during the evening. A few locations in the Mojave and Tehachapi areas reported gusts above 55 mph.