

Storm Data and Unusual Weather Phenomena - April 2019

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

(CA-Z095) KERN CTY MTNS, (CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA

04/02/19 16:14 PST	0	High Wind (MAX 62 kt)
04/02/19 21:27 PST	0	

KINGS COUNTY --- LEMOORE [36.30, -119.78]

04/02/19 16:16 PST	1K	Thunderstorm Wind (EG 30 kt)
04/02/19 16:16 PST	0	Source: Trained Spotter

A trained spotter reported that thunderstorm wind gusts blew down his fence.

TULARE COUNTY --- 5.6 NNW PAIGE [36.25, -119.47]

04/02/19 16:45 PST	50K	Thunderstorm Wind (EG 43 kt)
04/02/19 16:45 PST	0	Source: Public

A caller reported that a commodity barn blew down due to strong winds. Radar velocity profiles estimated winds in that area during that time were near 50 mph.

A low pressure system moved across the Pacific Northwest and northern California on April 2. While most of the moisture associated with this system remained to the north of our area, a cooler and unstable airmass moved over the area during the afternoon behind a cold front which pushed through the area. Scattered showers and thunderstorms developed in the post-frontal unstable atmosphere during the afternoon and produced locally heavy rainfall along with small hail and strong winds gusts. The front itself brought locally strong wind gusts to the Kern County Mountains where a few low impact indicator sites measured gusts exceeding 55 mph.

(CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA, (CA-Z198) INDIAN WELLS VALLEY, (CA-Z199) KERN COUNTY DESERT

04/09/19 12:00 PST	0	High Wind (MAX 69 kt)
04/09/19 18:54 PST	0	

(CA-Z181) MERCED AND MADERA, (CA-Z183) FOGGY BOTTOM, (CA-Z184) FRESNO, (CA-Z189) BAKERSFIELD

04/09/19 15:57 PST	26K	Strong Wind (MAX 39 kt)
04/09/19 19:21 PST	0	

A strong low pressure system pushed into the Pacific Northwest during the morning of April 9 then dropped southeast in the Great Basin during the afternoon. While the most of the deep moisture from this system remained to the north of central California limiting precipitation across our area, a strong cold front associated with this system crossed the area during the afternoon of April 9 bringing a period a strong wind gusts to the San Joaquin Valley as well as to the Lake Isabella and Tehachapi areas. Several power outages resulted from downed power lines in the San Joaquin Valley where there were several winds gusts exceeding 40 mph. There were also several reports of winds gusts exceeding 60 mph in the Lake Isabella and Tehachapi areas, and some low impact indicator sites in these areas reported winds gusts exceeding 70 mph.

(CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA, (CA-Z199) KERN COUNTY DESERT

04/16/19 00:32 PST	0	High Wind (MAX 70 kt)
04/16/19 15:14 PST	0	

KERN COUNTY --- 1.5 NW RIDGECREST ARPT [35.61, -117.64], 1.9 SE CHINA LAKE [35.63, -117.63]

04/16/19 15:00 PST	1K	Tornado (EF0, L: 1.14 mi , W: 50 yd)
04/16/19 15:05 PST	0	Source: Trained Spotter

An EF0 touched down north of Bowman Rd. in Ridgecrest and tracked northeast. The tornado crossed Church Ave., then moved through a scrapyard and crossed into San Bernardino County.

A low pressure system tracked into the Pacific Northwest during the evening of April 15 dropping a cold front southward into central California. The front dropped southward during the morning of April 16 producing widespread precipitation across the area. Much of the San Joaquin valley picked up between 1 and 3 tenths of an inch of rainfall while much of the Southern Sierra Nevada and adjacent foothills picked up between a quarter to half an inch of liquid precipitation. The precipitation mainly fell as snow above 7000 feet with several locations picking up between 3 and 6 inches with local amounts up to 9 inches in Yosemite National Park. Post frontal thunderstorms brought locally strong wind gusts to the crest of the Southern Sierra Nevada in Tulare County. The thunderstorms later moved further southward into the Kern County Deserts. One thunderstorm produced a small tornado which touched down in Ridgecrest then tracked northeast into San Bernardino County. Strong winds associated with this system produced widespread gusts exceeding 40 mph with a few stations reporting gusts exceeding 60 mph. This system moved east of the area by the morning of April 17

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giving way to drying conditions and diminished winds.

KERN COUNTY --- 1.3 WSW GARLOCK [35.39, -117.80], 1.2 WSW GARLOCK [35.39, -117.80], 0.9 WSW GARLOCK [35.39, -117.79], 1.0 WSW GARLOCK [35.40, -117.80]

	04/29/19 13:40 PST		0	Flood (due to Heavy Rain)
	04/29/19 18:00 PST		0	Source: Law Enforcement

California Highway Patrol reported roadway flooding on the intersection of Garlock Rd. and Redrock-Randsburg Rd.

(CA-Z196) TEHACHAPI AREA

	04/29/19 19:14 PST		0	High Wind (MAX 57 kt)
	04/30/19 17:27 PST		0	

An upper level low pressure system moved inland over southern California on April 29. This system wrapped moisture northward into central California which produced scattered showers and thunderstorms mostly over Kern County. Rainfall amounts were generally light with most locations picking up less than a tenth of an inch. One thunderstorm did produce local roadway flooding in the Kern County Deserts. In addition, this system produced some strong wind gusts in the Tehachapi and Lake Isabella areas; and a few low impact indicator sites measured wind gusts around 60 mph during the evening of April 29 and again during the evening of April 30 as the low slowly moved east of our area.