

Storm Data and Unusual Weather Phenomena - April 2021

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

(CA-Z185) TULARE COUNTY, (CA-Z188) EASTERN SAN JOAQUIN VALLEY IN KERN COUNTY, (CA-Z189) BAKERSFIELD, (CA-Z191) SOUTHERN SIERRA FOOTHILLS, (CA-Z192) CENTRAL SIERRA, (CA-Z193) NORTH KINGS RIVER, (CA-Z194) SEQUOIA KINGS, (CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA, (CA-Z197) FORT TEJON, (CA-Z198) INDIAN WELLS VALLEY, (CA-Z199) KERN COUNTY DESERT

04/01/21 00:00 PST	0	Drought
04/30/21 23:59 PST	0	

Portions of Fresno, Tulare and Kern Counties continued to be classified as being in an extreme drought for consecutive months due to a long term precipitation deficit. As of April 30, 2021, most of the impacted area has received less than 50% of normal precipitation since July 1, 2020.

(CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA, (CA-Z198) INDIAN WELLS VALLEY

04/05/21 11:27 PST	12K	High Wind (MAX 84 kt)
04/05/21 15:32 PST	0	

An upper low pressure system which dropped southward through the Great Basin on April 5 interacted with a strengthening ridge off the California coast producing a strong pressure gradient over the Kern County Mountains and Deserts. This resulted in a period of strong wind gusts between the early morning of April 5 and the early morning of April 6 when the winds diminished after the ridge built inland resulting in lowering pressure gradients. The strongest gusts occurred during the afternoon of April 5 when several stations measured gusts exceeding 40 mph. Several low impact indicator sites reported gusts exceeding 55 mph.

(CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA, (CA-Z198) INDIAN WELLS VALLEY

04/13/21 11:27 PST	0	High Wind (MAX 70 kt)
04/14/21 00:26 PST	0	

An upper level low pressure system dropping through the Great Basin produced strong wind gusts across the Tehachapi and Lake Isabella areas as well as over downslope prone portions of Indian Wells Valley between the afternoon of April 13 and the early morning of April 14 as cooler air pushed into the region. Several stations measured gusts above 45 mph while a few low impact indicator sites measure gusts exceeding 60 mph. The low moved to east of the area on April 14 which resulted in winds decreasing during the day.

(CA-Z196) TEHACHAPI AREA

04/21/21 02:27 PST	0	High Wind (MAX 69 kt)
04/21/21 02:27 PST	0	

A cold front dropped southward through the area during the morning of April 21 bringing a brief period of gusty winds to the Mountains and Deserts in Kern County as well as across the West Side Hills. Several stations measured gusts exceeding 40 mph while a few low impact indicator sites measured brief gusts in excess of 50 mph.

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

04/24/21 07:10 PST	0	High Wind (MAX 61 kt)
04/25/21 10:32 PST	0	

A cold upper low pressure system dropped out of the Gulf of Alaska on April 24 and moved across northern California on April 25 before moving into the Great Basin on April 26. This system brought widespread precipitation to the area between the morning of April 25 and the morning of April 26. Much of the Sierra Nevada measured between a quarter to a half inch of liquid precipitation with elevations above 6000 feet picking up 3 to 6 inches of new snowfall. Most of the San Joaquin Valley received a tenth to a quarter inch of rainfall in what was the only significant precipitation event in April. The other impact from this system is that it produced a period of gusty winds across the Lake Isabella and Tehachapi areas. Several station measured gusts above 45 mph while a few low impact indicator sites measured brief gusts exceeding 60 mph.