

Storm Data and Unusual Weather Phenomena - October 2017

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

(CA-Z095) KERN CTY MTNS

	10/09/17 08:27 PST	0		High Wind (MAX 52 kt)
	10/09/17 08:27 PST	0		

An upper trough deepened over the Pacific Northwest on October 7 then dropped into the Great Basin on October 8 and 9. This resulted in an increased offshore pressure gradients which produced moderate gusty northeast winds across the Kern County Deserts as well as gusty downslope winds in the south San Joaquin Valley and below the Tehachapi and Grapevine passes in the Kern County Mountains during the morning and early afternoon hours on October 9. Wind advisories were issued well in advance of this event as holiday travel on State Route 58 and Interstate 5 were impacted during the Columbus Day Holiday, and there were several reports of gusts exceeding 35 mph in the impacted areas.

(CA-Z095) KERN CTY MTNS, (CA-Z097) TULARE CTY MTNS, (CA-Z098) INDIAN WELLS VLY, (CA-Z099) SE KERN CTY DESERT

	10/20/17 02:20 PST	0		High Wind (MAX 68 kt)
	10/20/17 14:26 PST	0		

(CA-Z098) INDIAN WELLS VLY

	10/20/17 12:00 PST	0.10M		Strong Wind (MAX 40 kt)
	10/20/17 13:00 PST	0		

A strong cold front pushed south through central California on October 20 producing the only significant precipitation event across the area for the entire month. Ahead of the front, strong winds developed over the San Joaquin Valley and the Kern County Mountains and Deserts during the late evening hours on October 19th and continued through the morning hours of the 20th. In addition, this system brought widespread precipitation to the area although rainfall amounts were generally light. A few locations in Yosemite National Park received over half an inch of rainfall and several locations in the southern Sierra Nevada and southern Sierra foothills picked up between a quarter and a half inch of rain. Several locations in the central San Joaquin Valley measured between a tenth and a quarter inch of rainfall while much of the south San Joaquin Valley and the Kern County Mountains measured up to a tenth of an inch of rain. Snow was reported as low as 6000 feet in the southern Sierra Nevada, but snowfall amounts were light and local accumulations of up to 3 inches were reported at higher elevations.