

Storm Data and Unusual Weather Phenomena - July 2010

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

(CA-Z099) SE KERN CTY DESERT

	07/02/10 18:34 PST		1K	Strong Wind (MAX 48 kt)
	07/03/10 10:00 PST		0	

July began with a weak upper-level trough of low pressure over California. As a result, the first day of the month saw temperatures across the central and southern San Joaquin Valley a couple of degrees below normal, with slightly cooler temperatures the next day. The trough began to lift northeast out of California on July 3rd, but a northwest flow aloft down the back side of the trough brought gusty winds to the Tehachapi Mountains and the Kern County desert area around Mojave. Winds in those areas gusted to 45 to 55 mph during the early morning of the 3rd. As the trough moved out of central California, an upper-level ridge began building into the state. This allowed temperatures to warm a couple of degrees, although central and southern San Joaquin Valley highs continued slightly below normal.

KERN COUNTY --- 0.9 SW EDWARDS [34.91, -117.93]

	07/15/10 16:30 PST		10K	Thunderstorm Wind (MG 52 kt)
	07/15/10 17:00 PST		0	Source: Other Federal Agency

Officials reported wind damage from thunderstorm winds estimated at 60 mph. Power interruptions and damages occurred to rooftop HVAC and roof membrane materials. Damages were estimated at 10,000 dollars by military officials.

In the Southern Sierra Nevada, showers and thunderstorms brought a 2-day total of 0.38 inch of rain (from the 15th through the 16th) to Lodgepole in Sequoia National Park. 0.04 inch of rain fell at Mountain Mesa on the south shore of Lake Isabella on July 15th, and hail was reported covering the ground near Florence Lake on the 16th.

A strong thunderstorm developed over northwestern San Bernardino County during the afternoon of July 15th. As the thunderstorm collapsed, outflow winds as high as 60 mph roared through the southeastern Kern County desert, affecting Edwards AFB, Boron and Rosamond. Power lines were knocked down, and roof damage was reported at the Base. Outflow winds generated secondary showers and thunderstorms over the Kern County deserts during the evening of the 15th. The National Test Pilots School in Mojave reported 0.70 inch of rain in only a 6-hour period. Edwards AFB and Randsburg reported storm totals around two-tenths of an inch of rain.

Afternoon thunderstorms continued over the Southern Sierra Nevada daily through July 18th. One thunderstorm moved over the Ansel Adams Wilderness Area in eastern Madera and Mariposa Counties during the evening of July 17th. Although National Weather Service Doppler Radar estimated the rain rate at up to 4 inches per hour, no flash flooding was reported.

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

	07/26/10 12:46 PST		0	Wildfire
	07/31/10 23:59 PST		0	

The Bull wildfire occurred in Sequoia National Forest. The ignition date was 7/26/10 at 1346 PDT. The cause was human. The location was 8 miles North of Kernville, CA in both Kern County and Tulare County. The size was 16,442 acres and full containment was estimated on 8/10/10. There were no fatalities. There were 8 primary and 6 outbuildings lost to the fire. The cost was estimated on 8/5/10 at \$10,991,701.

The West wildfire was managed by the Kern County Fire Department. The ignition date was 7/27/10 at 1416 PDT. The cause was human. The location was 5 miles south of Tehachapi, CA in Kern County. The size was 1658 acres. Containment occurred on 8/1/10. No fatalities occurred. There were 23 primary and 41 outbuildings lost to the fire. Cost was \$6,543,253.