

Storm Data and Unusual Weather Phenomena - July 2007

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

W CENTRAL S.J. VALLEY (CA-Z089), E CENTRAL S.J. VALLEY (CA-Z090), SW S.J. VALLEY (CA-Z091), SE S.J. VALLEY (CA-Z092), S SIERRA Foothills (CA-Z093), TULARE CTY FOOTHILLS (CA-Z094), KERN CTY MTNS (CA-Z095), S SIERRA MTNS (CA-Z096), TULARE CTY MTNS (CA-Z097), INDIAN WELLS VLY (CA-Z098), SE KERN CTY DESERT (CA-Z099)

07/05/07 11:00 PST	0	Heat
07/06/07 20:00 PST	0	

Strong high pressure aloft developed over the Desert Southwest at the beginning of July, and built westward into California. This brought a warming trend to the central California interior, with temperatures in the central and southern San Joaquin Valley reaching triple digits on Independence Day. (Coalinga had a high of 100 on July 3rd. All other Valley stations remained in the mid to upper 90s.)

Temperatures across central California warmed 7-10 degrees from July 3rd to the 4th, and again from the 4th to the 5th. The Southern Sierra Nevada and the Kern County deserts saw temperatures below 5000 feet push into the triple digits, with Yosemite Valley hitting 100 on the 3rd, 109 on the 4th, and 110 on the 5th. Lake Isabella had a high of 103 on July 3rd, rising to 112 degrees Independence Day, with the same high the next day. On the San Joaquin Valley floor, Fresno had a high of 104 on the 4th, followed by 111 on the 5th; and Bakersfield warmed from an Independence Day high of 100 degrees to a high of 108 the next day.

In the Indian Wells Valley, the China Lake Naval Weapons Test Center had a high of 110 degrees or greater on each of the first five days of July.

TULARE CTY FOOTHILLS (CA-Z094)

07/05/07 23:01 PST	0	Wildfire
07/07/07 17:00 PST	0	

A wildfire occurred between the 6th and 7th, called the Rock 2 fire. The ignition time was around midnight on the 5th. The cause of the fire was unknown. The location was 14 miles east of Porterville in Tulare County. The size was 1005 acres and it was contained by 1800 PDT on the 7th. No fatalities or structure damage. The cost to contain the fire was \$200,000.

MARIPOSA COUNTY

1.3 WSW YOSEMITE VLG	07/10/07 13:20 PST	0	Hail (0.88 in)
	07/10/07 13:20 PST	0	37.74N, 119.6W

An upper-level low developed off the central California coast on the 9th. Circulation around this low, combined with the flow around the upper-level ridge over the Desert Southwest, funneled some monsoonal moisture into the region from the south. The warm, moist airmass resulted in a severe thunderstorm that formed over the high country in Yosemite National Park. Hail ranging in size from 0.50 to just over 0.75 inch in diameter fell during a 5-minute period. The moist airmass also resulted in a few sprinkles over the central and southern San Joaquin Valley, with Bakersfield seeing its first (few) raindrops of the season on July 10th.

TULARE CTY MTNS (CA-Z097)

07/16/07 17:00 PST	0	Wildfire
07/20/07 00:00 PST	0	

The Willow wildfire occurred in Kings Canyon National Park. The location was 22 miles east of Three Rivers in Tulare County. The cause of the wildfire was dry lightning. The size of the wildfire was 110 acres.

KERN CTY MTNS (CA-Z095)

07/21/07 10:07 PST	0	Wildfire
07/22/07 17:00 PST	0	

The Digier wildfire occurred 2 miles northwest of Lebec in Kern County. The size of the wildfire was 364 acres. There were no damages or injuries. The cost for containment was unknown.