

## Storm Data and Unusual Weather Phenomena - June 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CALIFORNIA, South Central</b>				
<b>(CA-Z096) S SIERRA MTNS</b>				
	06/01/09 00:00 PST		0	Wildfire
	06/30/09 23:59 PST		0	
<b>KERN COUNTY --- 0.6 E KERNALE [35.62, -118.47]</b>				
	06/03/09 08:15 PST		0	Lightning
	06/03/09 08:15 PST	1	0	Source: Broadcast Media
Lightning struck a 13 year old boy riding a bicycle near Lake Isabella Blvd and Highway 178.				
<b>FRESNO COUNTY --- 2.8 S HELM [36.49, -120.10]</b>				
	06/04/09 23:10 PST		0	Hail (1.00 in)
	06/04/09 23:15 PST		0	Source: Trained Spotter
A trained spotter reported Quarter-sized hail 4 miles north of Five Points.				
<b>FRESNO COUNTY --- 2.2 W KERNAN BLAND ARPT [36.57, -120.07]</b>				
	06/04/09 23:20 PST		0	Hail (1.25 in)
	06/04/09 23:25 PST		0	Source: Trained Spotter
A trained spotter reported Half-dollar sized hail 7 miles ESE of San Joaquin.				
<b>FRESNO COUNTY --- 7.0 ESE SAN JOAQUIN [36.58, -120.06]</b>				
	06/04/09 23:20 PST		0	Thunderstorm Wind (EG 52 kt)
	06/04/09 23:20 PST		0	Source: Trained Spotter
Outflow winds from a severe thunderstorm reported by a trained spotter.				
<b>FRESNO COUNTY --- 3.2 NNW KERNAN BLAND ARPT [36.61, -120.06]</b>				
	06/04/09 23:35 PST		0	Hail (1.00 in)
	06/04/09 23:40 PST		0	Source: Trained Spotter
Quarter-sized hail was reported by a trained spotter.				
<b>FRESNO COUNTY --- 1.8 WNW KERNAN BLAND ARPT [36.58, -120.06]</b>				
	06/04/09 23:48 PST		0	Hail (1.00 in)
	06/05/09 00:00 PST		2M	Source: County Official
Widespread large hail up to the size of quarters was reported near the town of Helm. Crop losses were estimated at \$2 million by Fresno County officials.				
<b>FRESNO COUNTY --- HELM [36.53, -120.10]</b>				
	06/04/09 23:48 PST		0	Thunderstorm Wind (EG 52 kt)
	06/04/09 23:48 PST		0	Source: County Official
Outflow winds from a severe thunderstorm reported by a Fresno County official.				
<b>FRESNO COUNTY --- 4.3 NNE BURREL [36.54, -119.96]</b>				
	06/05/09 00:15 PST		0	Hail (1.00 in)
	06/05/09 00:20 PST		0	Source: Trained Spotter
A trained spotter reported quarter-sized hail.				
<b>MADERA COUNTY --- 4.3 SSE DAULTON [37.06, -119.96]</b>				
	06/05/09 00:32 PST		2K	Lightning
	06/05/09 00:32 PST		0	Source: Law Enforcement
Law enforcement reported tree damage due to lightning near the town of Daulton.				

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<b>FRESNO COUNTY --- 3.0 NW CARUTHERS [36.56, -119.87]</b>				
	06/05/09 00:54 PST		1K	Lightning
	06/05/09 00:54 PST		0	Source: Trained Spotter

A utility pole was struck by lightning and set on fire near Caruthers.

Thunderstorms developed over western Fresno County during the evening of June 4th, and rapidly grew in intensity. One severe thunderstorm had a reflectivity of 73 dBz, and a VIL (vertically integrated liquid) of 43 g/kg. Hail up to an inch in diameter fell near the town of Helm, and outflow winds were estimated at around 60 mph.

The low finally moved onshore on the 5th, and lifted northeast into northern Nevada that evening. An upper-level trough remained over California, with an unseasonably cold airmass aloft. Upper-level impulses moving through the trough continued the threat of afternoon and evening mountain convection, with isolated light showers drifting over the San Joaquin Valley at times. Temperatures fell to some 10-15 degrees below normal, and stayed well below normal for the next week.

The "Grouse" wildfire that was sparked by lightning on May 30th continued through the month of June. The ignition time was 1400 PST on May 30th, the location was 3 miles southwest of Yosemite Valley in Mariposa County. The size of the fire was 3047 acres. The cost to containment was \$2.9 million. The containment date was July 13th.

<b>(CA-Z096) S SIERRA MTNS</b>				
	06/07/09 23:01 PST		0	Wildfire
	06/30/09 23:59 PST		0	

The Harden wildfire located in Yosemite NP, ignited on June 7th at 2301 PST due to lightning. The location was 13 miles north of Yosemite Valley in Mariposa County. The size was 1661 acres. Containment was on July 10th. Cost to containment was \$880,000.

<b>MARIPOSA COUNTY --- 1.3 WSW YOSEMITE VLG [37.74, -119.60]</b>				
	06/13/09 14:30 PST		0	Heavy Rain
	06/13/09 15:00 PST		0	Source: Newspaper

A young man fell to his death (indirect fatality) while climbing Half Dome in Yosemite National Park. A thunderstorm was in the area at the time of the incident with brief periods of heavy rain. Hail was reported by park rangers on Half Dome and surfaces were reported to be slick and dangerous, with many hikers in the vicinity.

<b>(CA-Z097) TULARE CTY MTNS</b>				
	06/17/09 12:23 PST		0	Wildfire
	06/30/09 23:59 PST		0	

Unsettled weather remained across inland Central California through much of early and mid June due to upper level low pressure and pulses of energy in the upper atmosphere. Scattered thunderstorms were common during this time period over the Southern Sierra Nevada. Daytime temperatures were typically 10-20 degrees cooler than normal for many locations.

A hiker on Half Dome in Yosemite National Park was killed when he fell while climbing. Conditions at the time were stormy with brief bursts of heavy rain...lightning and hail.

A wildfire was ignited on June 17th at 1232 PST by lightning. The Shotgun wildfire was located 25 miles northeast of Porterville in Tulare County. The size was 900 acres and containment was 50% on July 10th. The cost for containment was \$40,000.

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### CALIFORNIA, South Central

#### (CA-Z097) TULARE CTY MTNS

07/01/09 00:00 PST	0	Wildfire
07/31/09 23:59 PST	0	

The Lion Wildfire, located in Sequoia National Forest, ignited on 6/30/09 at 1030 PDT due to lightning strikes. The location was 3 miles northwest of the Blackrock Ranger Station on the Kern Plateau in Tulare County. The size was 2023 acres. There were no fatalities or structures lost directly due to the wildfire. The cost to containment was \$528,190.