



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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CALIFORNIA, South Central

CAZ097	Tulare Cty Mtns	01 0000PST 31 2359PST			0	0			Wildfire
	<p>The Crag Fire was lightning caused during extensive convective activity in the Kern Deserts northward into Interior Central California on July 24th. The fire started 5 miles northwest of Kennedy Meadows in Tulare County and burned 600 acres by the end of August. The fire was allowed to burn for resources benefit with no structures threatened but the cost to initially fight and then manage the fire was \$275K through the end of August.</p>								
CAZ096	S Sierra Mtns	01 0000PST 31 2359PST			0	0			Wildfire
	<p>The Comb Fire was lightning initiated on July 22nd but allowed to burn as a resource fire 18 miles northeast of Grant Grove in Fresno County. It jumped from 1093 acres at the end of July to 7055 acres by the end of August. No injuries occurred nor were any structures lost. The cost to battle and manage the fire reached \$1.3M by the end of August.</p>								
CAZ089>092	W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley	05 1200PST 08 1800PST			0	0			Excessive Heat
	<p>The Central and Southern San Joaquin Valley continued with a consistent hot spell from the 23rd of July through the 12th of August. Fresno Air Terminal recorded 21 consecutive 100+ deg F days that eclipsed a long-standing record of 20 set in 1933 and repeated in 1984. Temperatures soared to 105+ deg F over the 7th and 8th of the month in the vicinity of Fresno.</p>								
Kern County	Cantil	05 1600PST 1700PST			0	0			Heavy Rain
	<p>Locally heavy rain occurred due to late afternoon thunderstorm activity in the Kern Deserts. Localized flooding was reported just east of Highway 14 on Redrock-Randsburg Road in the Cantil area</p>								
Kern County	14 SSE Weldon	06 1536PST 1952PST			0	0			Flash Flood
Kern County	1 NE Cantil	06 1649PST 1749PST			0	0			Heavy Rain
Kern County	3.3 NW Calif City Airpor	06 1828PST 1928PST			0	0			Heavy Rain
	<p>California Highway Patrol reported 80 feet of Kelso Valley Road washed out 14 miles south of Highway 178 due to late afternoon and early evening thunderstorm activity on the 6th in the Kern County Mountains. Localized flooding also occurred on Highway 14 just south of Phillips Road and just east of Cantil on Redrock-Randsburg Road in the Kern County Desert.</p>								
Fresno County	5.7 S Mono Hot Spgs to 5.7 SSE Mono Hot Spgs	07 1415PST 1515PST			0	0			Heavy Rain
	<p>Due to mid-afternoon thunderstorms, rainfall rates were estimated at 2 to 2.5 inches per hour in the vicinity of Florence Lake in the higher elevations of Fresno County.</p>								
CAZ095	Kern Cty Mtns	07 1905PST 09 1700PST			0	0			Wildfire
	<p>The Mace Fire was man-caused and burned 191 acres in Loco Bill Canyon or 18 miles north of Tehachapi in the Kern County Mountains from the 7th through the 9th. The cost to fight the fire was unknown but there were no structures lost nor injuries.</p>								



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CALIFORNIA, South Central

CAZ096	S Sierra Mtns	14 2100PST 31 2359PST			0	0			Wildfire
The Corral Fire was lightning started on the 14th in the high Sierra Nevada 11 miles southeast of Mammoth Lakes in Madera County. The fire was allowed to burn unmanaged through August.									
Kern County									
Ridgecrest		15 1555PST 1600PST			0	0			Hail(0.88)
In the vicinity of Ridgecrest local meso-net weather stations reported thunderstorm gusts to 45 MPH while radar indicated elevated core reflectivities of 70-75 dBz. Hail size varied from 1/2" to just over 3/4" in the Ridgecrest area									
Kern County									
2.5 SW Calif City Civic C	15	1706PST 1716PST			0	0			Hail(1.00)
Kern County									
2 S Calif City Civic Ctr	15	1720PST 1730PST			0	0			Hail(1.25)
Kern County									
6 S Calif City Civic Ctr	15	1720PST 1730PST			0	0			Hail(1.00)
Kern County									
Calif City Airport	15	1745PST 1800PST			0	0			Hail(0.88)
Kern County									
Calif City Civic Ctr	15	1800PST 1900PST			0	0	2.5K		Heavy Rain
Kern County									
Calif City Civic Ctr	15	1815PST 1830PST			0	0	50K		Thunderstorm Wind (MG61)
Kern County									
Calif City Civic Ctr	15	1856PST 2030PST			0	0	198.5K		Flash Flood
Heavy rain occurred between 1800 to 1900 PST in the Kern County Desert area that led to flash flooding in California City from Cache Creek and extensive sheet flow through the area. The California Highway Patrol reported flooding across Highway 14 south of Phillips Road and also at the intersection of westbound Highway 58 and California City Boulevard (Cache Creek). The fire department rain gauge measured 5" of rain in one hour from the deluge with outlying areas reporting up to 2.5" of rain. Roof leakage with the heavy rain accounted for some of the damage reported. High wind accompanying the thunderstorm also damaged roofs, signs, and uprooted trees with its passing. This same thunderstorm cell produced a tornado earlier in the afternoon just south of the Kern County line and southeast of Edwards AFB (see Los Angeles Stormdata report)									
Kern County									
7.5 WSW Boron to 11.7 WNW Boron	15	1802PST 1815PST			0	0			Hail(0.88)
Kern County									
Calif City Civic Ctr	15	1805PST 1815PST			0	0			Hail(1.75)
Kern County									
Calif City Civic Ctr	15	1805PST			0	0	0.50K		Lightning
Kern County									
13 NE Calif City Civic Ct	15	1810PST			0	0	12K		Lightning
A large and severe thunderstorm swept over the southeast portion of Kern County on the 15th bringing hail, lightning, wind, and									



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CALIFORNIA, South Central

flooding to the California City area. A tornado was reported south of Edwards AFB barely into Los Angeles County from this thunderstorm. There were numerous lightning strikes in the town of California City. One lightning strike damaged the traffic light in the center of California City and another hit the city water tanks northeast of town. Reports of car damage were received from spotters and the fire department due to the widespread hail.

Kern County

Lake Isabella	15	1820PST 1840PST			0	0	Hail(0.88)
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Kern County

3.3 E Lake Isabella	15	1830PST 1845PST			0	0	Hail(0.88)
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Mariposa County

Wawona	16	1444PST 1600PST			0	0	Heavy Rain
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A thunderstorm cell near Wawona in Mariposa County produced an estimated 2 to 2.5 inches of rain in an hour on the afternoon of the 16th.

CAZ090

E Central Sj Valley

21		1550PST 1712PST			0	0	Wildfire
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The "33" Fire of undetermined origin burned 400 acres 7.6 miles northeast of Madera on the 21st. The cost to fight the fire was unknown but no structures were lost nor injuries occurred.

CAZ095

Kern Cty Mtns

27		1500PST			0	0	Wildfire
29		1800PST					

The Well Fire was of unknown origin 20 miles north of Tehachapi in the Kern County Mountains. The fire reached 120 acres in size. The cost to fight the fire was unknown but no injuries occurred nor structures lost.