

Storm Data and Unusual Weather Phenomena - September 2007

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

KERN COUNTY

2.8 S ROSAMOND ARPT	09/01/07 15:07 PST	0	Funnel Cloud
	09/01/07 15:07 PST	0	34.83N, 118.2W

Public reports of a funnel cloud were relayed through the Sheriff's Office between Rosamond and Lancaster. This is the storm that produced an EF0 tornado in the Rosamond area shortly thereafter.

KERN COUNTY

3.0 SW ROSAMOND	09/01/07 15:30 PST	0.18M	Tornado (EF0, L: 13.05 mi , W: 75 yd)
2.0 SSE MOJAVE	09/01/07 15:50 PST	0	34.8393N, 118.207W ~ 35.0233N, 118.156W

Official NWS damage survey determined that an EF0 (Enhanced Fujita) tornado touched down about 3 miles southwest of Rosamond...then traveled north through Rosamond and northeast to about 3 miles southeast of Mojave. This tornado had estimated wind speeds of 65-85 mph. The first touchdown occurred near the intersection of Avenue A and 40th Street West, which is about 3 miles southwest of Rosamond. Minor property damage occurred in this area with several fences blown over and small trees and branches downed. The tornado then traveled north to around Rosamond Blvd, where numerous utility poles were blown over, branches were downed and some miscellaneous debris was found. The path then curved northeast and crossed Highway 14 near Dawn and Backus Roads and Sierra Highway. Damage in this area amounted to some property damage to several mobile homes. Minor debris was found a few miles southeast of Mojave, which is the area that the tornado dissipated.

KERN COUNTY

0.5 W ROSAMOND	09/01/07 15:35 PST	0.10M	Thunderstorm Wind (EG 55 kt)
	09/01/07 15:35 PST	0	34.87N, 118.179W

A trained weather spotter reported a power pole on a house on 53rd Street on the west side of Rosamond. These winds were associated with the severe thunderstorm that spawned a tornado nearby.

KERN COUNTY

0.6 E MOJAVE	09/03/07 16:25 PST	0	Thunderstorm Wind (MG 72 kt)
	09/03/07 16:25 PST	0	35.05N, 118.16W

A damaging wind gust, in association with a severe thunderstorm, was report at the Mojave Spaceport with data from the Edwards Weather System wind tower.

KERN COUNTY

1.0 S MOJAVE	09/03/07 16:45 PST	0	Flash Flood (due to Heavy Rain)
MOJAVE ARPT	09/03/07 18:00 PST	0	35.0355N, 118.17W ~ 35.07N, 118.15W

Local law enforcement reported Highway 14 flooded in both directions near the intersection of California City Blvd. Flooding was also occurring around the Mojave Airport.

A strong ridge of high pressure aloft lingered over California and the Desert Southwest the first 3 days of the month, keeping the central and southern San Joaquin Valley under triple-digit heat. A monsoonal flow triggered thunderstorms over the mountains and the Kern county deserts, and one thunderstorm near Rosamond on September 1st spawned a tornado that moved through the town; a National Weather Service storm survey rated the tornado at EF0 on the new Enhanced Fujita scale. As the thunderstorm collapsed, it generated high winds that knocked down several power poles and created areas of blowing dust. Other thunderstorms in the same complex dropped ½-inch hail on the town of Boron in the southeastern corner of Kern county, generated a wind gust measured at 83 mph at the Mojave Air and Spaceport, and caused flash flooding in the vicinity of Mojave and California City.

(CA-Z096) S SIERRA MTNS, (CA-Z097) TULARE CTY MTNS

09/20/07 00:00 PST	0	Winter Weather
09/21/07 00:00 PST	0	

The first winter storm of the season moved into Central California on September 20. At least two inches of snow fell on Tioga Pass, and thunderstorms developed over the central and southern San Joaquin Valley, lingering into the late evening.

KINGS COUNTY

7.3 E HANFORD MUNI ARPT	09/22/07 17:09 PST	0	Flash Flood (due to Heavy Rain)
	09/22/07 18:00 PST	0	36.32N, 119.5W

Flash flooding observed along Fargo Ave and Grangeville Blvd between 7th Ave east to the Tulare county line. Flooding was observed through 645 pm PDT.

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KINGS COUNTY				
7.3 E HANFORD MUNI ARPT	09/22/07 17:24 PST		0	Hail (0.88 in)
	09/22/07 17:24 PST		0	36.32N, 119.5W
A trained storm spotter observed hail to the size of nickels with a severe thunderstorm.				
FRESNO COUNTY				
3.8 SSW SQUAW VLY	09/22/07 19:54 PST		0	Hail (0.75 in)
	09/22/07 19:54 PST		0	36.7N, 119.28W
A trained storm spotter reported that Hail to the size of pennies coated the roadway.				
FRESNO COUNTY				
4.4 WSW DUNLAP	09/22/07 20:30 PST		12K	Flash Flood (due to Heavy Rain)
	09/22/07 22:00 PST		0	36.7N, 119.19W
A trained storm spotter and storm chaser observed debris from flash flooding, branches, limbs and leaves on George Smith and Sand Creek Roads near Squaw Valley after heavy rains.				
TULARE COUNTY				
4.8 N OROSI	09/22/07 21:00 PST		5K	Flash Flood (due to Heavy Rain)
	09/22/07 23:00 PST		0	36.62N, 119.28W
A trained storm spotter noted debris of leaves, small trees and branches from flash flooding. The location was just east of Orange Cove on Sand Creek Rd.				
<p>An upper-level low dropped down the coast on the 21st, and moved inland over Southern California the next day. This low triggered another thunderstorm outbreak, with hail up to 0.88 inch in diameter falling in eastern Kings County during the afternoon of September 22nd, and 0.75-inch hail falling west of Squaw Valley in Fresno County near the foothills. Flash flooding occurred in eastern Kings County, central Fresno County, and north-central Tulare County, with scattered reports of road flooding and minor mud/debris flows elsewhere in the central and southern San Joaquin Valley.</p>				