

Storm Data and Unusual Weather Phenomena - August 2024

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

(CA-Z300) WEST SIDE MOUNTAINS NORTH OF HIGHWAY 198, (CA-Z301) LOS BANOS-DOS PALOS, (CA-Z302) MERCED-MADERA-MENDOTA, (CA-Z303) PLANADA-LEGRAND-SNELLING, (CA-Z304) COALINGA - AVENAL, (CA-Z305) WEST SIDE OF FRESNO AND KINGS COUNTIES, (CA-Z306) CARUTHERS - SAN JOAQUIN - SELMA, (CA-Z307) FRESNO - CLOVIS, (CA-Z308) WEST SIDE MOUNTAINS SOUTH OF HIGHWAY 198, (CA-Z309) BUTTONWILLOW- LOST HILLS - I5, (CA-Z310) DELANO - WASCO - SHAFTER, (CA-Z311) HANFORD - CORCORAN - LEMOORE, (CA-Z312) VISALIA - PORTERVILLE - REEDLEY, (CA-Z313) BUENA VISTA, (CA-Z314) BAKERSFIELD, (CA-Z315) SOUTHEAST SAN JOAQUIN VALLEY, (CA-Z316) SOUTH END SAN JOAQUIN VALLEY, (CA-Z337) INDIAN WELLS VALLEY, (CA-Z338) MOJAVE DESERT SLOPE(S), (CA-Z339) MOJAVE DESERT

08/04/24 10:00 PST	0	Excessive Heat
08/07/24 19:00 PST	0	

A large area of high pressure strengthened over the Great Basin between August 4 and 6 bringing a return of dangerous heat to the area. The ridge strengthened further on August 7 resulting in several new daily climatological records being set before a cold front pushed through central California on August 8 which lowered temperatures below dangerous levels at most locations although widespread triple digit heat prevailed across the lower elevations through August 11. An upper trough moved into central California on August 12 lowering temperatures to near normal levels for the middle portion of the month.

(CA-Z331) SOUTH END OF THE UPPER SIERRA, (CA-Z338) MOJAVE DESERT SLOPE(S)

08/24/24 19:10 PST	0	High Wind (MAX 56 kt)
08/24/24 19:26 PST	0	

An upper trough slowly moved eastward across California on August 24 and brought gusty winds to portions of the Sierra Nevada and Kern County Desert areas. Several stations recorded gusts exceeding 45 mph during the afternoon and evening and August 24 with a few low impact indicator sites measuring gusts exceeding 55 mph. This system also brought cooler than normal temperatures to the area for a few days as well as some light precipitation. The trough moved east of the area during the morning of August 25 and winds decreased as the trough moved out.