

Storm Data and Unusual Weather Phenomena - August 2021

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

(CA-Z179) WEST SIDE HILLS, (CA-Z180) SAN JOAQUIN CONFLUENCE, (CA-Z181) MERCED AND MADERA, (CA-Z182) WESTERN SAN JOAQUIN VALLEY, (CA-Z183) FOGGY BOTTOM, (CA-Z184) FRESNO, (CA-Z185) TULARE COUNTY, (CA-Z186) SOUTHERN KINGS COUNTY, (CA-Z187) WESTERN SAN JOAQUIN VALLEY IN KERN COUNTY, (CA-Z188) EASTERN SAN JOAQUIN VALLEY IN KERN COUNTY, (CA-Z189) BAKERSFIELD, (CA-Z190) CENTRAL SIERRA FOOTHILLS, (CA-Z191) SOUTHERN SIERRA FOOTHILLS, (CA-Z192) CENTRAL SIERRA, (CA-Z193) NORTH KINGS RIVER, (CA-Z194) SEQUOIA KINGS, (CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA, (CA-Z197) FORT TEJON, (CA-Z198) INDIAN WELLS VALLEY, (CA-Z199) KERN COUNTY DESERT

08/01/21 00:00 PST	0	Drought
08/31/21 23:59 PST	0	

Nearly all of the central California Interior remained classified as being in an exceptional drought by the end of August, 2021 due to a long term precipitation deficit. As of August 31, 2021, the impacted area has received less than 50% of normal precipitation since July 1, 2020.

(CA-Z198) INDIAN WELLS VALLEY, (CA-Z199) KERN COUNTY DESERT

08/03/21 10:00 PST	0	Excessive Heat
08/04/21 19:00 PST	0	

(CA-Z182) WESTERN SAN JOAQUIN VALLEY, (CA-Z183) FOGGY BOTTOM, (CA-Z184) FRESNO, (CA-Z185) TULARE COUNTY, (CA-Z186) SOUTHERN KINGS COUNTY, (CA-Z187) WESTERN SAN JOAQUIN VALLEY IN KERN COUNTY, (CA-Z188) EASTERN SAN JOAQUIN VALLEY IN KERN COUNTY, (CA-Z189) BAKERSFIELD

08/04/21 10:00 PST	0	Heat
08/04/21 19:00 PST	0	

A strong ridge of high pressure aloft centered over southern Nevada August 3 and 4 provided for a period of excessive heat over the Kern County Deserts prompting an Excessive Heat Warning for both days. In addition, much of the San Joaquin Valley was impacted by significant heat on August 4. Temperatures cooled to below dangerous levels on August 5 as a low pressure system pushed through northern California and weakened the ridge.

(CA-Z179) WEST SIDE HILLS, (CA-Z180) SAN JOAQUIN CONFLUENCE, (CA-Z181) MERCED AND MADERA, (CA-Z182) WESTERN SAN JOAQUIN VALLEY, (CA-Z183) FOGGY BOTTOM, (CA-Z184) FRESNO, (CA-Z185) TULARE COUNTY, (CA-Z186) SOUTHERN KINGS COUNTY, (CA-Z187) WESTERN SAN JOAQUIN VALLEY IN KERN COUNTY, (CA-Z188) EASTERN SAN JOAQUIN VALLEY IN KERN COUNTY, (CA-Z189) BAKERSFIELD

08/14/21 10:00 PST	0	Heat
08/16/21 19:00 PST	0	

(CA-Z198) INDIAN WELLS VALLEY, (CA-Z199) KERN COUNTY DESERT

08/14/21 10:00 PST	0	Excessive Heat
08/16/21 19:00 PST	0	

A strong area of high pressure which had been centered over the Great Basin built westward into central California on August 14 and brought dangerous heat to portions of the central California interior between August 14 and August 16. Several stations in the Kern County Deserts had afternoon highs at 110 Degrees F or higher each day between August 14 and August 16. Hot daytime temperatures were also common throughout the San Joaquin Valley and West Side Hills where afternoon highs around 105 Degrees F were common. The high began to weaken on August 17 and daytime temperatures trended lower. By August 18, temperatures across the area were close to their seasonal normals.

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08/29/21 10:00 PST	0	Heat
08/30/21 19:00 PST	0	

(CA-Z198) INDIAN WELLS VALLEY, (CA-Z199) KERN COUNTY DESERT

08/29/21 10:00 PST	0	Excessive Heat
08/30/21 19:00 PST	0	

A large area of high pressure over the southwestern US strengthened over central California on August 28 and brought widespread dangerous heat to the area on August 29 and 30. High temperatures exceeded 110 degrees F across much of the Kern County Deserts on August 29 and 30 and exceeded 105 degrees F across much of the San Joaquin Valley and West Side Hills. The high weakened on August 31 as a upper trough pushed into the Pacific Northwest resulting in a cooling trend across the area.

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