

Storm Data and Unusual Weather Phenomena - July 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

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 KERN COUNTY, (CA-Z188) EASTERN KERN COUNTY, (CA-Z189) BAKERSFIELD

07/25/19 10:00 PST	0	Heat
07/29/19 20:00 PST	0	

(CA-Z198) INDIAN WELLS VALLEY

07/28/19 10:00 PST	0	Excessive Heat
07/29/19 20:00 PST	0	

A large area of high pressure strengthened over the four corners region on July 24 and 25 and resulted in widespread triple digit heat across the San Joaquin Valley. The high then built westward into central California between July 26 and 28. This resulted in a continued warming trend across the area between July 26 and July 28. The 28th which was the warmest day before the high broke down and gave way to a cooling trend which ended the widespread triple digit heat by July 30.

TUOLUMNE COUNTY --- 4.2 NNE ASPEN VLY [37.88, -119.35], 4.0 NNE ASPEN VLY [37.88, -119.35], 3.9 NNE ASPEN VLY [37.87, -119.36], 3.9 N ASPEN VLY [37.88, -119.36], 4.0 NNE ASPEN VLY [37.88, -119.35]

07/25/19 15:00 PST	0	Flash Flood (due to Heavy Rain)
07/25/19 16:15 PST	0	Source: Park/Forest Service

Yosemite Park Rangers reported flash flooding near the Dana Creek and State Route 120 intersection at Tuolumne Meadows where 40 people were rescued when the river swelled and separated them from the highway.

Tropical moisture pushed up into central California along the west side of a large high pressure center which was positioned over the four corners region on July 24 and July 25. As the atmosphere destabilized in the afternoon, thunderstorms developed over the higher elevations of the Southern Sierra Nevada each day. While the thunderstorms on the afternoon of the July 24 were localized for the most part, measurable precipitation was more widespread on the afternoon of July 25 when scattered thunderstorms developed over the mountains. Some of these thunderstorms drifted westward into the Sierra foothills and the San Joaquin Valley. A few of the thunderstorms in the Sierra Nevada produced very heavy rainfall and flash flooding was observed at Tuolumne Meadows in Yosemite National Park. While amounts at most locations were generally a tenth of an inch or less, a few locations in the Central Sierra in Tuolumne and Madera Counties picked up over half an inch of rainfall in three hours or less.