

Storm Data and Unusual Weather Phenomena - June 2022

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

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-Z317) MARIPOSA - MADERA FOOTHILLS, (CA-Z318) MARIPOSA - MADERA LOWER SIERRA, (CA-Z319) FRESNO - TULARE FOOTHILLS, (CA-Z320) FRESNO - TULARE LOWER SIERRA, (CA-Z321) SOUTH END SIERRA FOOTHILLS, (CA-Z322) SOUTH END OF THE LOWER SIERRA, (CA-Z323) YOSEMITE NP OUTSIDE OF THE VALLEY, (CA-Z324) YOSEMITE VALLEY, (CA-Z325) SAN JOAQUIN RIVER CANYON, (CA-Z326) UPPER SAN JOAQUIN RIVER, (CA-Z327) KAISER TO RODGERS RIDGE, (CA-Z328) KINGS CANYON NP, (CA-Z329) GRANT GROVE AREA, (CA-Z330) SEQUOIA NP, (CA-Z331) SOUTH END OF THE UPPER SIERRA, (CA-Z332) KERN RIVER VALLEY, (CA-Z333) PIUTE - WALKER PASS (BASIN?), (CA-Z334) TEHACHAPI, (CA-Z335) GRAPEVINE, (CA-Z336) FRAZIER MOUNTAIN COMMUNITIES, (CA-Z337) INDIAN WELLS VALLEY, (CA-Z338) MOJAVE DESERT SLOPE(S), (CA-Z339) MOJAVE DESERT	06/01/22 00:00 PST 06/30/22 23:59 PST	0 0	0 0	Drought
---	--	--------	--------	---------

June 2022 was yet another dry month across central California. Scattered showers and thunderstorms did impact the area between the 22nd and the 25th. Otherwise dry weather prevailed across the area. By the end of the month, nearly all of our area remained in an extreme or exceptional drought as most of our area has received less than a third of normal precipitation since July 1, 2020.

(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-Z317) MARIPOSA - MADERA FOOTHILLS, (CA-Z319) FRESNO - TULARE FOOTHILLS, (CA-Z321) SOUTH END SIERRA FOOTHILLS, (CA-Z322) SOUTH END OF THE LOWER SIERRA, (CA-Z332) KERN RIVER VALLEY	06/10/22 10:00 PST 06/11/22 19:00 PST	0 0	0 0	Heat
---	--	--------	--------	------

(CA-Z337) INDIAN WELLS VALLEY, (CA-Z338) MOJAVE DESERT SLOPE(S), (CA-Z339) MOJAVE DESERT	06/10/22 10:00 PST 06/11/22 19:00 PST	0 0	0 0	Excessive Heat
--	--	--------	--------	----------------

A large area of high pressure strengthened over the area between June 9 and June 11. This resulted in temperatures rising to well above normal readings by June 10 with some locations approaching record highs. Heat Advisories were issued for the San Joaquin Valley, West Side Hills and Kern River Valley and an Excessive Heat Warning was issued for the Kern County Desert areas. The heat continued on June 11 then a low pressure system moved into the Pacific Northwest on June 12 which pushed a cold front through the area resulting in temperatures cooling by a few degrees on June 12 and plunging to slightly below normal levels by June 13.

(CA-Z331) SOUTH END OF THE UPPER SIERRA, (CA-Z332) KERN RIVER VALLEY, (CA-Z338) MOJAVE DESERT SLOPE(S)	06/13/22 00:00 PST 06/14/22 00:30 PST	0 0	0 0	High Wind (MAX 66 kt)
--	--	--------	--------	-----------------------

(CA-Z338) MOJAVE DESERT SLOPE(S)	06/13/22 12:47 PST 06/13/22 13:39 PST	24K 0	24K 0	Strong Wind (MAX 48 kt)
----------------------------------	--	----------	----------	-------------------------

A low pressure system moving through the Pacific Northwest pushed a cold front through the area between the evening of June 12 and the evening of June 14 resulting in a period of gusty winds along the Mojave Desert slopes in Kern County during this time frame. The strongest winds were observed during the early afternoon of June 13 when law enforcement reported two tractor trailers were overturned as a result of the increased winds. Several stations in the Kern County Mountains and Mojave Desert Slopes measured peak gusts between 60 mph and 75 mph.

(CA-Z307) FRESNO - CLOVIS	06/22/22 05:37 PST 06/22/22 05:37 PST	10K 0	10K 0	Strong Wind (MAX 48 kt)
---------------------------	--	----------	----------	-------------------------

FRESNO COUNTY --- 5.6 SE FRIANT [36.93, -119.64]

Storm Data and Unusual Weather Phenomena - June 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/22/22 06:20 PST		0	Thunderstorm Wind (MG 60 kt)
	06/22/22 06:20 PST		0	Source: Utility Company

The PG&E Station at Owens Mountain measured a peak wind gust of 69 mph from a thunderstorm.

KERN COUNTY --- 1.3 ESE RIDGECREST [35.62, -117.66]

	06/22/22 06:35 PST		0	Lightning
	06/22/22 06:35 PST	1	0	Source: Broadcast Media

A Bakersfield television station reported that a man in Ridgecrest was hospitalized due to lightning injuries sustained while walking his dog and pushing his child in a stroller.

FRESNO COUNTY --- 5.0 ENE MERCY HOT SPGS [36.73, -120.76]

	06/22/22 20:27 PST		0	Thunderstorm Wind (MG 55 kt)
	06/22/22 20:27 PST		0	Source: Mesonet

The Panoche Road RAWs measured a peak wind gust of 63 mph from a thunderstorm.

A surge of moisture from Tropical Storm Celia which was off the west coast of Mexico near 17N moved over a hot and unstable airmass which was situated over central California. This resulted in scattered showers and thunderstorms over the area on June 22 which was also the first significant precipitation event for the area in two months. Due to the convective nature of the precipitation, rainfall amounts varied; but a few thunderstorms produced one to two tenths of an inch of rainfall in the San Joaquin Valley. Some stations in the Tehachapi Mountains and the south end of the upper Sierra picked up between a quarter and three quarters of an inch of rainfall. Some of the thunderstorms produced strong outflow winds and dry microbursts which resulted in several trees and power lines being downed.

(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-Z317) MARIPOSA - MADERA FOOTHILLS, (CA-Z319) FRESNO - TULARE FOOTHILLS, (CA-Z321) SOUTH END SIERRA FOOTHILLS, (CA-Z332) KERN RIVER VALLEY

	06/25/22 10:00 PST		0	Heat
	06/27/22 19:00 PST		0	

A large area of high pressure centered over the Great Basin between June 25 and June 27 provided for a period of much above normal temperatures across the San Joaquin Valley, West Side Hills, Sierra foothills and the Kern River Valley. Daytime high temperatures generally ranged from 104 to 108 Degrees on each of these days. The high began to weaken on June 28 and temperatures began to trend downward during the last few days of June.