Storm Data and Unusual Weather Phenomena - June 2020

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CALIFORNIA, South Central	ſ			
ALLEY, (CA-Z183) FOGGY BOTTO	Z180) SAN JOAQUIN CONFLUENCE, (CA- DM, (CA-Z184) FRESNO, (CA-Z185) TULAR IN KERN COUNTY, (CA-Z188) EASTERN S	E COUNTY, (CA	-Z186) SOUTHER	KINGS COUNTY, (CA-Z187)
(CA-Z190) CENTRAL SIERRA FOOT	THILLS, (CA-Z191) SOUTHERN SIERRA FO 06/03/20 10:00 PST	DOTHILLS	0	Heat
	06/04/20 19:00 PST		0	
outhern California coast southwes igh level cloud cover which had be oaquin Valley and Sierra foothills rea on June 4, and temperatures c	e centered over the four corners region st st and further away from the region. This is een prevalent over the area during the pre- were mainly between 99 and 103 degrees continued to rise with afternoon highs over high broke down and shifted east on Jun- ifornia.	resulted in a war evious few days on June 3. The l er the San Joaqu	ming trend over the eroded. High temp high remained the in Valley and Sier	ne area as the mid and beratures across the San dominant feature over the ra foothills mainly
(CA-Z195) LAKE ISABELLA. (CA-Z1	196) TEHACHAPI AREA, (CA-Z198) INDIAN	WELLS VALLE	Y. (CA-Z199) KER	
	06/06/20 11:18 PST		0	High Wind (MAX 79 kt)
	06/06/20 21:27 PST		0	,
in these areas measured winds gus	usts across the Kern County Deserts and sts between 45 mph and 55 mph during th æeding 60 mph. The winds diminshed on	e afternoon and	evening of June 6	while some low impact
CA-Z183) FOGGY BOTTOM, (CA-Z	184) FRESNO 06/12/20 18:00 PST 06/12/20 19:00 PST		0 0	Dust Storm
	06/12/20 18:00 PST 06/12/20 19:00 PST		0	
	06/12/20 18:00 PST 06/12/20 19:00 PST 196) TEHACHAPI AREA, (CA-Z199) KERN	COUNTY DESER	0 8 T	Dust Storm
	06/12/20 18:00 PST 06/12/20 19:00 PST	COUNTY DESER	0	
A strong upper trough pushed thro adjacent foothills from Fresno Cour moderate rainfall. Outflow from the visibility to near zero. A strong nort in the Tehachapi and Lake Isabella	06/12/20 18:00 PST 06/12/20 19:00 PST 196) TEHACHAPI AREA, (CA-Z199) KERN 06/13/20 03:27 PST	ing scattered the 12. A few of the cross portions o produced gust d the morning o	0 RT 0 0 understorms over thunderstorms pr f the San Joaquin y winds over the k f June 14. Several	Dust Storm High Wind (MAX 64 kt) the Sierra Nevada and roduced small hail and Valley, briefly reducing tern County Deserts and stations in these areas
(CA-Z195) LAKE ISABELLA, (CA-Z1 A strong upper trough pushed thro adjacent foothills from Fresno Cour moderate rainfall. Outflow from the visibility to near zero. A strong nort in the Tehachapi and Lake Isabella measured wind gusts exceeding 45 June 14.	06/12/20 18:00 PST 06/12/20 19:00 PST 196) TEHACHAPI AREA, (CA-Z199) KERN 06/13/20 03:27 PST 06/14/20 00:10 PST wugh the region on June 12 and 13 produc nty northward during the evening of June thunderstorms produced blowing dust are thwest flow on the back side of the trough areas between the morning of June 13 and	ing scattered the 12. A few of the cross portions o n produced gust id the morning o s exceeding 60 n	0 RT 0 0 thunderstorms over thunderstorms pr f the San Joaquin y winds over the M f June 14. Several nph. The winds di	Dust Storm High Wind (MAX 64 kt) the Sierra Nevada and roduced small hail and Valley, briefly reducing tern County Deserts and stations in these areas minished by midday on
CA-Z195) LAKE ISABELLA, (CA-Z1 A strong upper trough pushed thro adjacent foothills from Fresno Cour noderate rainfall. Outflow from the risibility to near zero. A strong norf n the Tehachapi and Lake Isabella neasured wind gusts exceeding 45 June 14.	06/12/20 18:00 PST 06/12/20 19:00 PST 196) TEHACHAPI AREA, (CA-Z199) KERN 06/13/20 03:27 PST 06/14/20 00:10 PST bugh the region on June 12 and 13 produc nty northward during the evening of June thunderstorms produced blowing dust ar thwest flow on the back side of the trough areas between the morning of June 13 an 5 mph while a few stations measured gust 196) TEHACHAPI AREA, (CA-Z198) INDIAN 06/15/20 21:26 PST	ing scattered the 12. A few of the cross portions o n produced gust id the morning o s exceeding 60 n	0 RT 0 0 understorms over thunderstorms pi f the San Joaquin y winds over the M f June 14. Several nph. The winds di Y, (CA-Z199) KERI 0	Dust Storm High Wind (MAX 64 kt) the Sierra Nevada and roduced small hail and Valley, briefly reducing tern County Deserts and stations in these areas minished by midday on
CA-Z195) LAKE ISABELLA, (CA-Z1 A strong upper trough pushed thro adjacent foothills from Fresno Cour noderate rainfall. Outflow from the risibility to near zero. A strong norf n the Tehachapi and Lake Isabella neasured wind gusts exceeding 45 June 14.	06/12/20 18:00 PST 06/12/20 19:00 PST 196) TEHACHAPI AREA, (CA-Z199) KERN 06/13/20 03:27 PST 06/14/20 00:10 PST ough the region on June 12 and 13 produc nty northward during the evening of June thunderstorms produced blowing dust at thwest flow on the back side of the trough areas between the morning of June 13 an 5 mph while a few stations measured gust	ing scattered the 12. A few of the cross portions o n produced gust id the morning o s exceeding 60 n	0 RT 0 0 understorms over thunderstorms pr f the San Joaquin y winds over the k f June 14. Several nph. The winds di Y, (CA-Z199) KER	Dust Storm High Wind (MAX 64 kt) the Sierra Nevada and roduced small hail and Valley, briefly reducing tern County Deserts and stations in these areas minished by midday on
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(CA-Z195) LAKE ISABELLA, (CA-Z1 A strong upper trough pushed thro adjacent foothills from Fresno Cour moderate rainfall. Outflow from the visibility to near zero. A strong norf in the Tehachapi and Lake Isabella measured wind gusts exceeding 45 June 14. (CA-Z195) LAKE ISABELLA, (CA-Z1 Another strong upper trough move morning of June 17. This system al exceeding 45 mph, and a few statio (CA-Z180) SAN JOAQUIN CONFLUE BOTTOM, (CA-Z184) FRESNO, (CA-	06/12/20 18:00 PST 06/12/20 19:00 PST 196) TEHACHAPI AREA, (CA-Z199) KERN 06/13/20 03:27 PST 06/14/20 00:10 PST bugh the region on June 12 and 13 produc nty northward during the evening of June thunderstorms produced blowing dust at thwest flow on the back side of the trough areas between the morning of June 13 and 5 mph while a few stations measured gust 196) TEHACHAPI AREA, (CA-Z198) INDIAN 06/15/20 21:26 PST 06/17/20 01:40 PST d across the Pacific Northwest and North Iso produced a period of increased wind the	ing scattered the 12. A few of the cross portions of produced gust d the morning of s exceeding 60 r I WELLS VALLE ern California be gusts across the , (CA-Z182) WES THERN KINGS C	0 RT 0 0 0 0 0 0 0 0 0 0 0 0 0	Dust Storm High Wind (MAX 64 kt) the Sierra Nevada and roduced small hail and Valley, briefly reducing Gern County Deserts and stations in these areas minished by midday on N COUNTY DESERT High Wind (MAX 59 kt) g of June 15 and the early tions measured gusts UIN VALLEY, (CA-Z183) FOGGY WESTERN SAN JOAQUIN VALLEY IN

06/27/20 19:00 PST

0

Storm Data and Unusual Weather Phenomena - June 2020

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

Direct Fatalities: M27OU

A large upper ridge built into central California on June 22 and strengthened over the area on June 23 resulting in widespread triple digit heat across the San Joaquin Valley between June 23 and June 27. Afternoon highs in the valley ranged between 100 and 104 degrees at most locations between June 23 and June 26 and were mainly between 104 and 108 degrees on June 27 before temperatures cooled on June 28 and 29 following the passage of a strong cold front. At least one fatality could be attributed to the heat as a 27 year old man working on the Fresno State University water tower was overcome by heat stroke on June 25.

TUOLUMNE COUNTY 3.5 N HETCH HETCHY [37.98, -119.79]			
06/25/20) 16:30 PST	50K	Thunderstorm Wind (EG 52 kt)
06/25/20) 16:30 PST	0	Source: Park/Forest Service

Yosemite National Park dispatch reported several trees donwed in the Hetch Hetchy area due to strong thunderstorm wind gusts.

TUOLUMNE COUNTY 7.3 SE HARDEN FLATS [37.76, -119.82]			
06/25/20 18:00 PST	0	Thunderstorm Wind (MG 51 kt)	
06/25/20 18:00 PST	0	Source: Mesonet	

The Crane Flat RAWS reported a peak thunderstorm wind gust of 59 mph.

An extended period of hot temperatures took place over the region between June 23 and June 27. During the afternoon of June 25, there was enough instability over the Sierra Nevada range for scattered thunderstorms to break out. A few of the thunderstorms produced strong wind gusts in Yosemite National Park, and several trees that has been killed or weakened by a long term drought between 2013 and 2016 were blown over by the strong wind gusts.

(CA-Z195) LAKE ISABELLA, (CA-Z196) TEHACHAPI AREA, (CA-Z198) INDIAN WELLS VALLEY				
06/28/20 08:32 PST	0	High Wind (MAX 73 kt)		
06/28/20 21:14 PST	0			

A large upper level low pressure system pushed into the Pacific Northwest on June 28 displacing the upper ridge that had been reponsible for several days of widespread triple digit heat over the area. The low pressure system pushed a strong cold front through the area on June 28 producing a period of strong winds gusts over the Kern County Deserts as well as over the Teahachapi and Lake Isabella areas where several stations reported gusts exceeding 50 mph. A few low impact indicator sites in these areas had gusts exceeding 60 mph.