

REPORT FOR:  
MONTHLY REPORT OF RIVER AND  
FLOOD CONDITIONS

MONTH: **March** YEAR: 2022

TO: Hydrometeorological Information Center, W/OH12x1  
National Weather Service/Office of Hydrology  
1325 East-West Highway #7116  
Silver Spring, MD 20910

SIGNATURE: Colin McKellar  
(In Charge of Hydrologic Service Area)

DATE: May 2<sup>nd</sup>, 2022

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

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| X | An X inside this box indicates no flooding occurred for the month within this hydrologic service area.  
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With the exception of the valley portion of Kern County, the entire HSA received below average precipitation in the month of March (Fig. 1). Precipitation fell on the 4<sup>th</sup> of the month when the south end of the valley received one quarter to one in of rain, producing localized flooding in the Bakersfield area. Additionally, up to one and a half inches of precipitation fell in the Tulare County Mountains and portions of the Kern Mountains. Another storm system on the 28<sup>th</sup> produced widespread precipitation across the central California interior. Up to one half inches of rain fell across the valley while the Sierra foothills and mountains received up to two inches of liquid equivalent. Up to a foot of snow fell across the Sierra Nevada mainly above 7,000 feet. Otherwise, the rest of the month was exceptionally dry. Well above average, record setting temperatures from the 23<sup>rd</sup> to 26<sup>th</sup> led to increased snowmelt in the Sierra, with notable minor rises along major stem rivers.

Snow water equivalent in the central and southern Sierra continued to fall in March. By the end of the month, snow water equivalent fell to 42% of seasonal average for both locations. Due to continued lack of precipitation and warmer than average temperatures, the entire HSA experienced a one-class degradation in the drought monitor. All locations are in D3 – or extreme drought.

#### **HYDROLOGIC PRODUCTS ISSUED THIS MONTH**

##### **FLASH FLOOD WARNINGS\***

No Flash Flood warnings were issued in March.

\*Note: Flash Flood Statements were issued as follow-ups to the initial Flash Flood Warnings.

##### **FLASH FLOOD WATCHES**

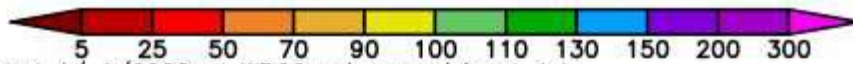
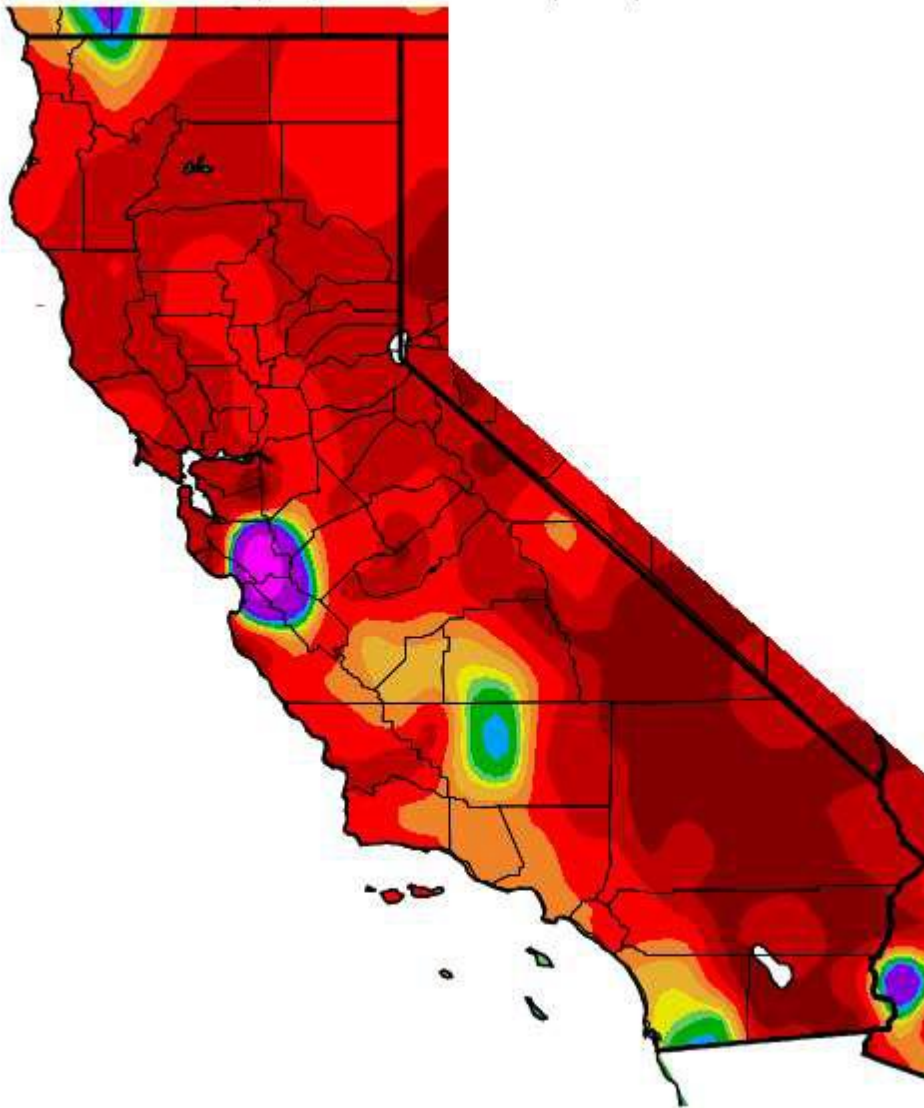
No Flood/Flash Flood Watches were issued in March.

##### **FLOOD ADVISORIES**

Kern – Taft	1134Z 04-MAR
Kern – Rural Kern	1211Z 04-MAR
Kern – Bakersfield, Lamont, Edison, Oildale	1302Z 04-MAR
Kern – Lost Hills	2319Z 28-MAR
Fresno – Kerman	2344Z 28-MAR
Fresno/Madera – Medota, Firebaugh, Panoche Rd.	2358Z 28-MAR
Fresno/Kings/Tulare – Reedley, Parlier, Traver, London	0122Z 29-MAR
Tulare – Lindcove	0200Z 29-MAR

**Fig 2 – Percent of Average Precipitation for March 2022**

Percent of Average Precipitation (%)  
3/1/2022 – 3/31/2022



Generated 4/ 1/2022 at WRCC using provisional data.  
NOAA Regional Climate Centers