

REPORT FOR:  
**MONTHLY REPORT OF RIVER AND  
FLOOD CONDITIONS** MONTH: **November** YEAR: 2022

**TO:** Hydrometeorological Information Center, W/OH12x1      **SIGNATURE:** Andy Bollenbacher  
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**DATE:** Dec 20<sup>th</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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The month of November marked a change in the extremely dry pattern the Central California interior has seen in previous months. A couple of storms systems early in the month brought light valley rain and mountain snow that lead to the closure of Tioga Pass on the 4<sup>th</sup> of November. Another system impacted the forecast region leading to showers on the 7<sup>th</sup> of November with the front passing through morning of the 8<sup>th</sup>. This lead to moderate valley rain and heavy mountain snow. The cold core allowed instability to form over the valley, so thunderstorms occurred in the afternoon. This led to scattered moderate to heavy rain in thunderstorms the formed. Up to 2.5 feet of snow was recorded in the Sierra Nevada with this storm. Precipitation in the Sierra Nevada and foothills near Yosemite and Mariposa County was 4 to 5 inches, helping the drought situation slightly, but not enough to change the drought level in these locations through the end of the month. D4 conditions continued for most of the San Joaquin Valley, Foothills, and Kern County Mountains (Fig2.). River flow conditions remained at very low flows through the month of November. Drought conditions remained unchanged in the month of November 2022 from October 2022 despite parts of the Sierra Nevada and southern portion of the SJ Valley receiving above average rainfall for the month.

ASOS rainfall totals for the month of November:

Merced (MCE)	0.99"
Madera (MAE)	0.50"
Fresno (FAT)	0.66"
Hanford (HJO)	0.59"
Bakersfield (BFL)	0.66"

## **HYDROLOGIC PRODUCTS ISSUED THIS MONTH**

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

\*No Flash Flood Warning issued in the month of November in the HSA.

### **FLASH FLOOD WATCHES**

\*No Flash Flood Watches were issued in the HSA in November.

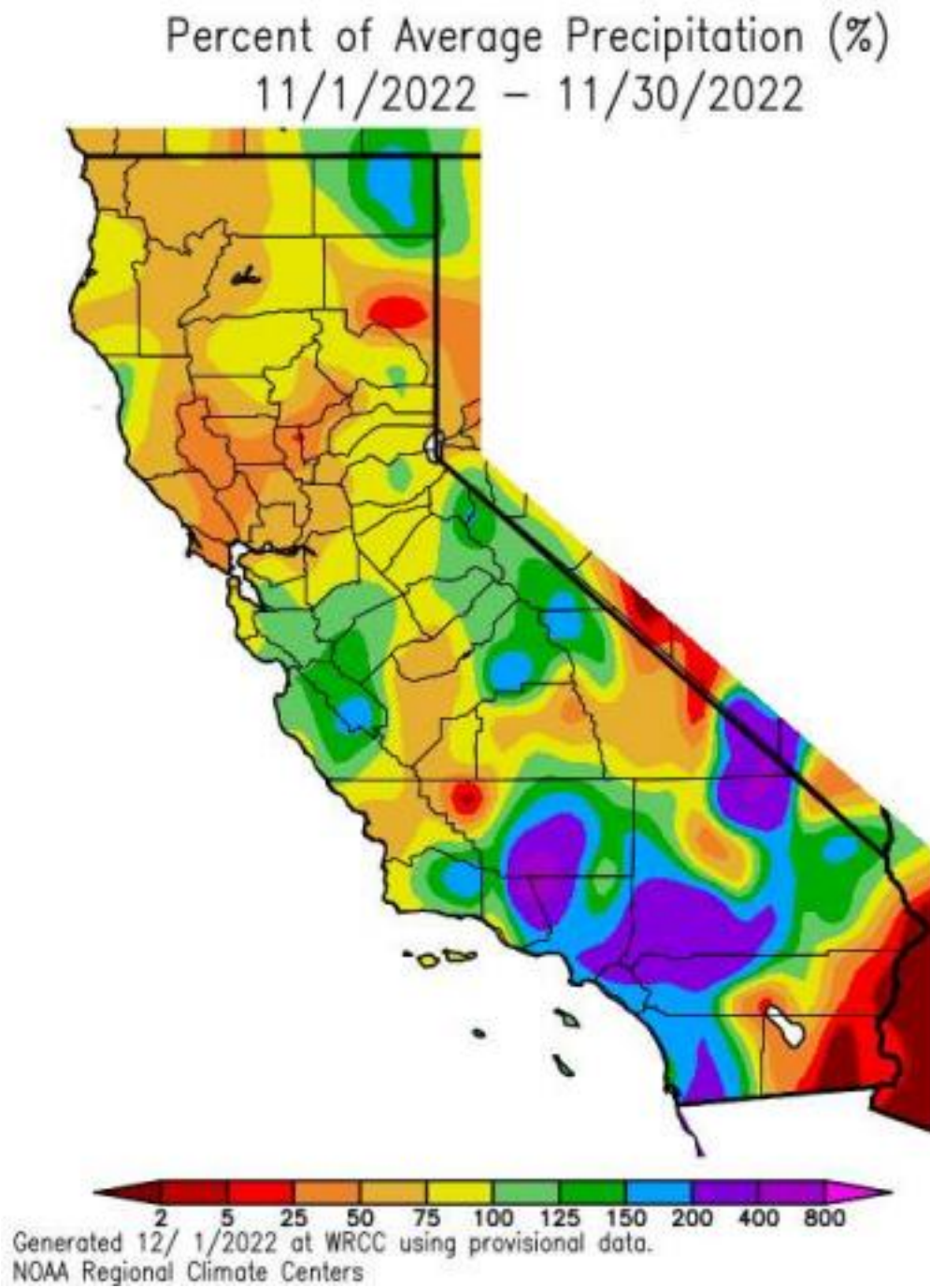
### **FLOOD ADVISORIES**

\*No Flood Advisories were issued in the HSA in November.

### **FLOOD LSR'S**

\*None\*

**Fig 1 – Percent of Average Precipitation for November 2022**



**Fig 2 – Drought Status for the state of California**

