

REPORT FOR:
MONTHLY REPORT OF RIVER AND
FLOOD CONDITIONS

MONTH: **January** 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: February 2nd, 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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January was exceptionally dry across the entire HSA, with the majority of the area receiving less than 10% of average precipitation (Fig.1). Several valley climate locations recorded their lowest (Fresno) to second lowest (Merced, Madera, Hanford, and Bakersfield) precipitation in the month of January. There was little to no snowfall in the central and southern Sierra Nevada or Kern County mountains. The official climate station at Tuolumne Meadows recorded just a trace of snowfall in the month. The season to date snow water equivalent (inches) in the southern Sierra dropped from 168% of average on January 1st to 95% of average on January 31st. In addition, the season to date snow water equivalent (inches) in the central Sierra dropped from 155% of average on January 1st to 92% of average on January 31st. As expected with no precipitation, there was no major flooding for any main stem rivers or local creeks. The drought status during January did not improve or get worse, with our entire HSA remaining under severe drought status.

HYDROLOGIC PRODUCTS ISSUED THIS MONTH

FLASH FLOOD WARNINGS*

No Flash Flood warnings were issued in January.

*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 January.

FLOOD ADVISORIES

No Flood Advisories were issued in January.

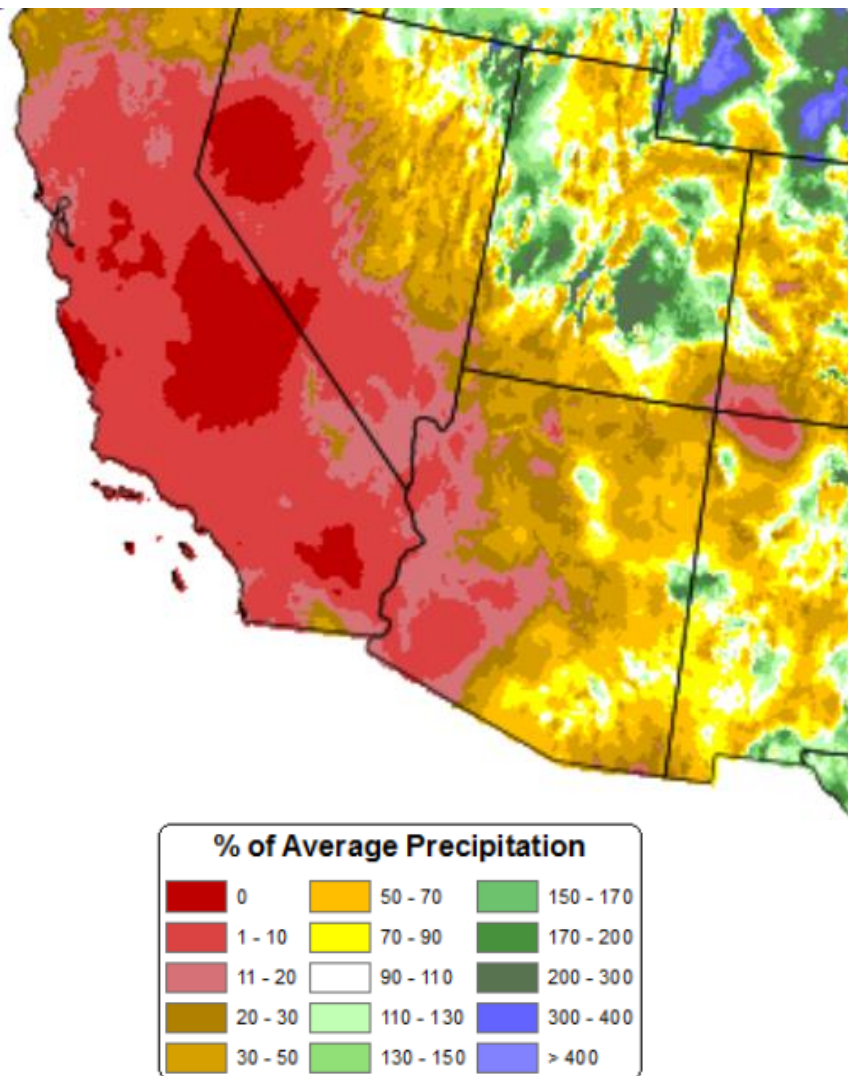


Fig 1. Departure from average monthly precipitation. Image courtesy of PRISM Climate Group at Oregon State University