

REPORT FOR:
MONTHLY REPORT OF RIVER AND
FLOOD CONDITIONS

MONTH: **June** YEAR: 2022

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

SIGNATURE: Andy Bollenbacher
(In Charge of Hydrologic Service Area)

DATE: Sept 17th, 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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Outside of the desert and mountain regions of Kern County, mostly dry conditions continued in the month of June across the HSA, with well above average temperatures across the region. Above average high temperatures lead to the depletion of the snowpack across the HSA, given levels were nearly depleted already at the start of the month. Dry weather prevailed across the entire HAS for the first 3 weeks of the month until monsoonal moisture lead to the arrival of thunderstorms in the Kern Mountains and Desert areas around June 22nd. Afternoon showers and thunderstorms appeared across the Coastal Range, Tehachapi Mountains, and portions of the Sierra Nevada for a few days. A couple of stations in the Mojave Desert recorded 3/10" of rain, namely at Edwards Air Force Base. These monsoonal influxes did little to improve the drought situation as the majority rainfall was localized to Kern County or the higher elevations of the Sierra Nevada. Rivers remained at or near historically low flows and levels accordingly. Some light showers did measure recordable precipitation across our 5 ASOS stations in the San Joaquin Valley in late June.

Bakersfield (BFL) – 0.01"

Fresno (FAT) – Trace

Hanford (HJO) – Trace

Madera (MAE) – 0.11"

Hanford (HJO) -- None

Drought conditions were unchanged from May to June across the HSA, with most of the mountain and foothill areas staying at D4 (Exceptional Drought, Fig 2).

HYDROLOGIC PRODUCTS ISSUED THIS MONTH

FLASH FLOOD WARNINGS*

No Flash Flood warnings were issued in June.

*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 June.

FLOOD ADVISORIES

Kern – Edwards AFB
Kern – Cal City, Mojave
Fresno/Merced – West Side Hills
Mariposa – Jerseydale
Madera/Mariposa -- Green Mtn

410 PM PDT Wed Jun 22 2022
503 PM PDT Wed Jun 22 2022
128 AM PDT Thu Jun 23 2022
551 AM PDT Thu Jun 23 2022
405 PM PDT Sat Jun 25 2022

Fig 1 – Percent of Average Precipitation for June 2022

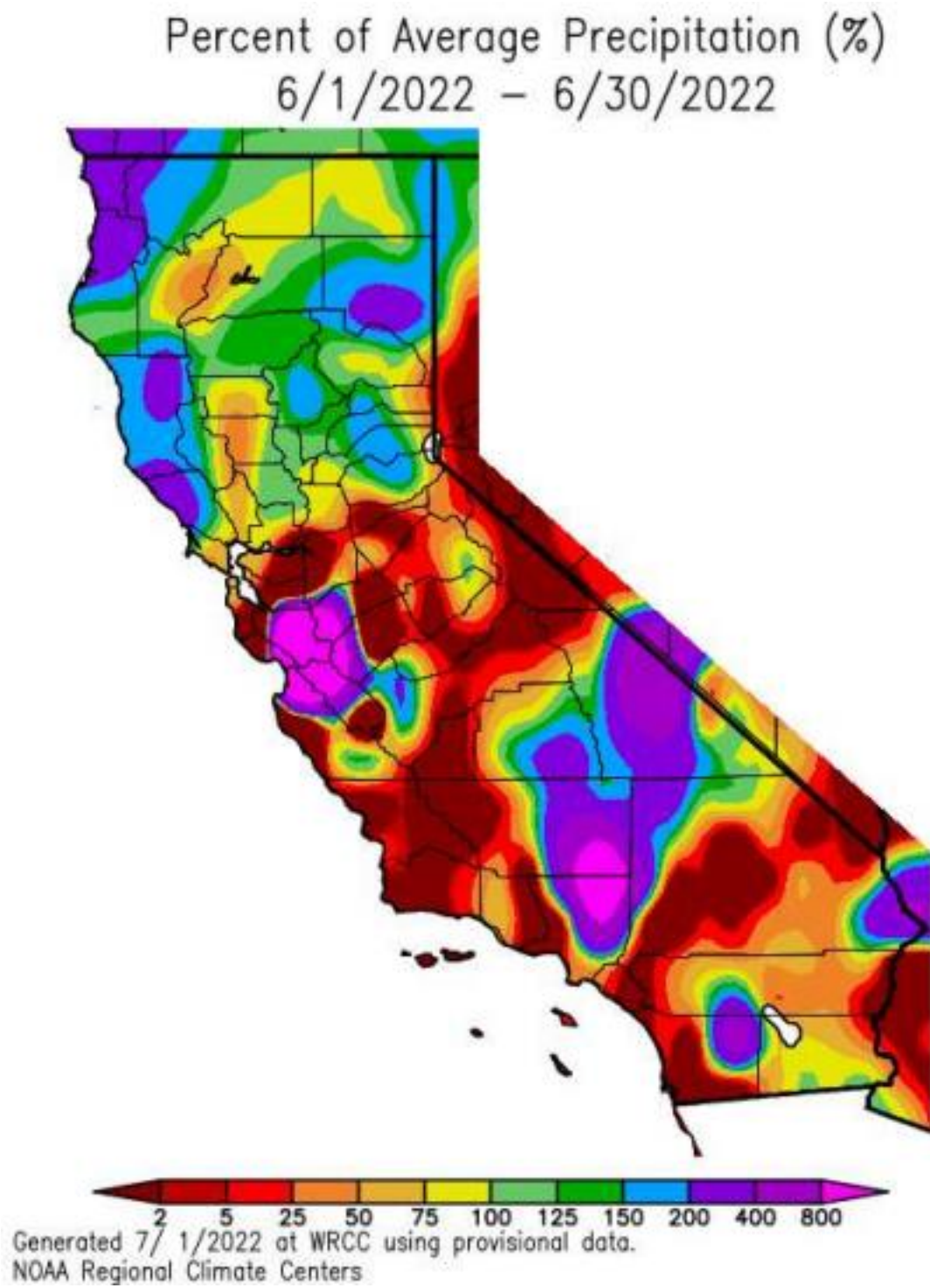
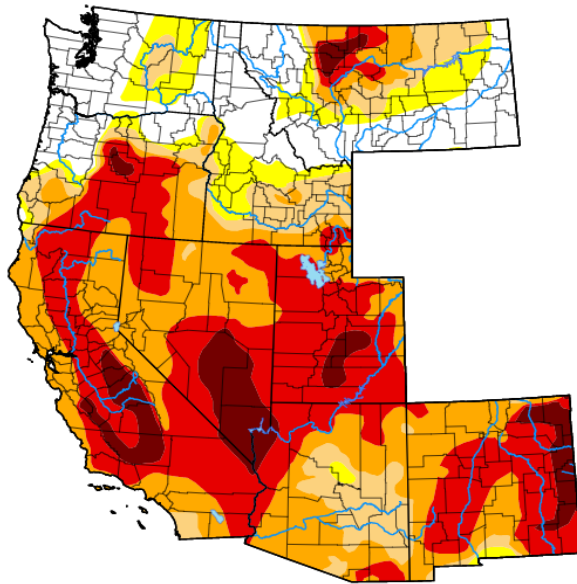


Fig 2 – Drought Status for the state of California

West

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Map released: Thurs. July 7, 2022

Data valid: July 5, 2022 at 8 a.m. EDT

Intensity

	None
	D0 (Abnormally Dry)
	D1 (Moderate Drought)
	D2 (Severe Drought)
	D3 (Extreme Drought)
	D4 (Exceptional Drought)
	No Data

Authors

United States and Puerto Rico Author(s):

Brad Pugh, NOAA/CPC

Pacific Islands and Virgin Islands Author(s):

Brad Rippey, U.S. Department of Agriculture

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying **text summary** for forecast statements.*