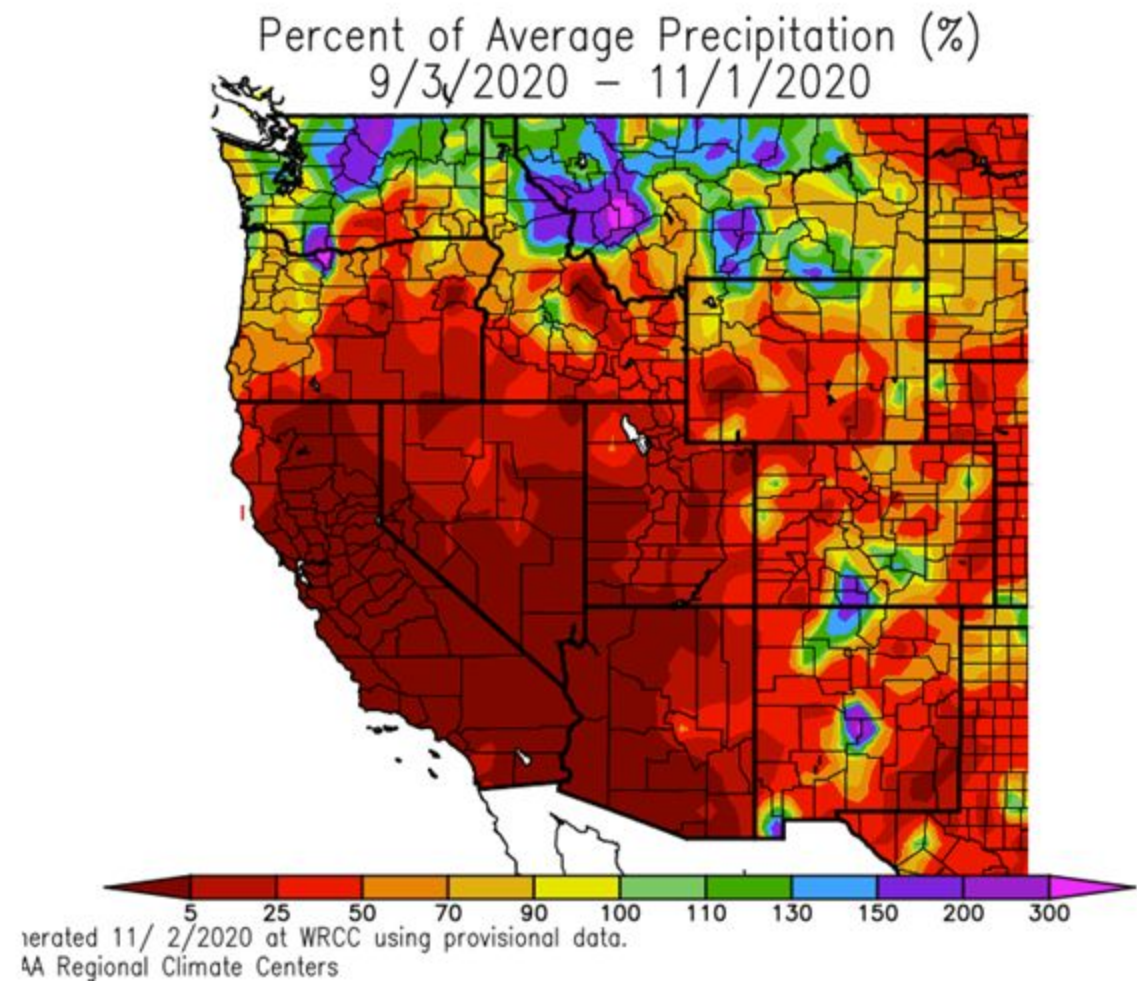
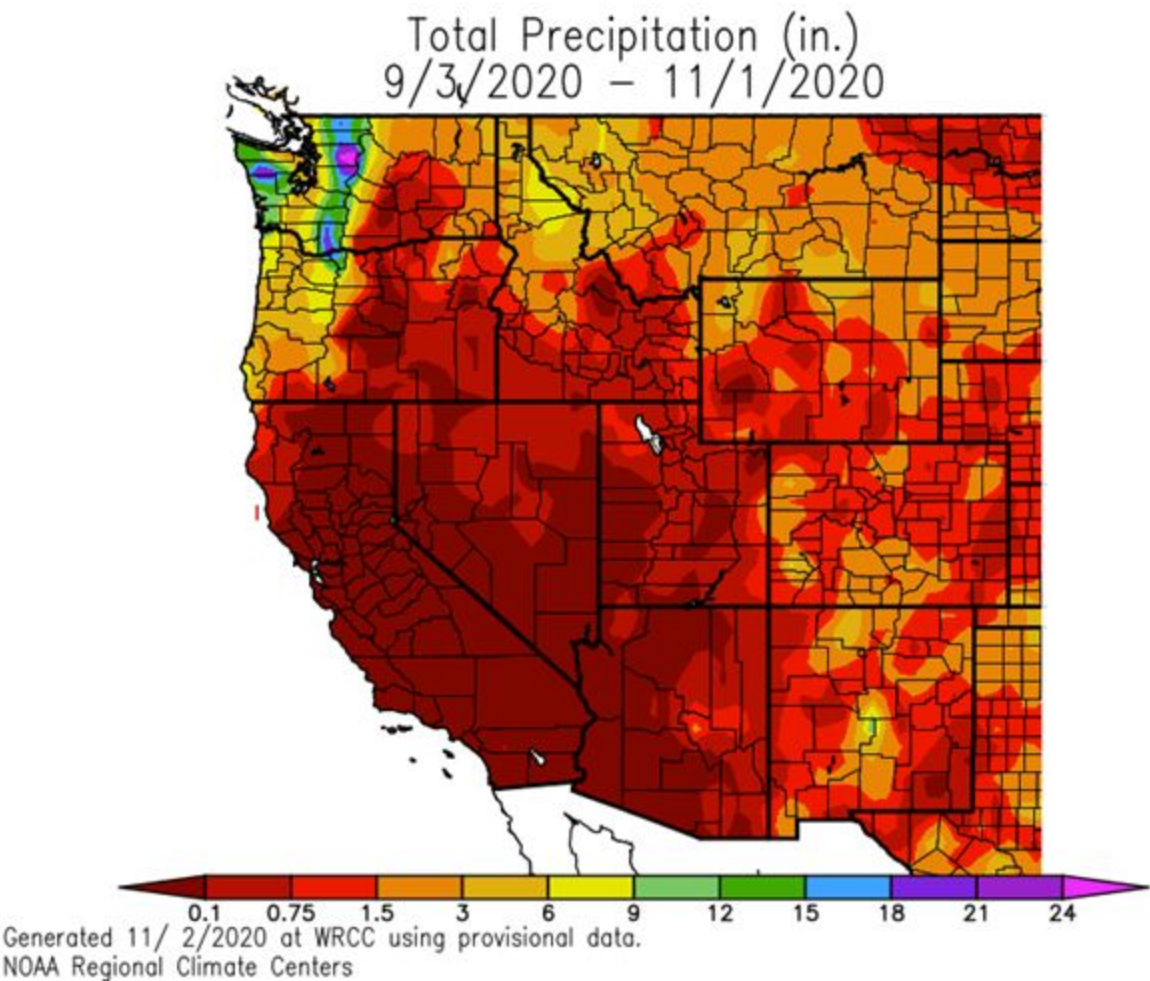




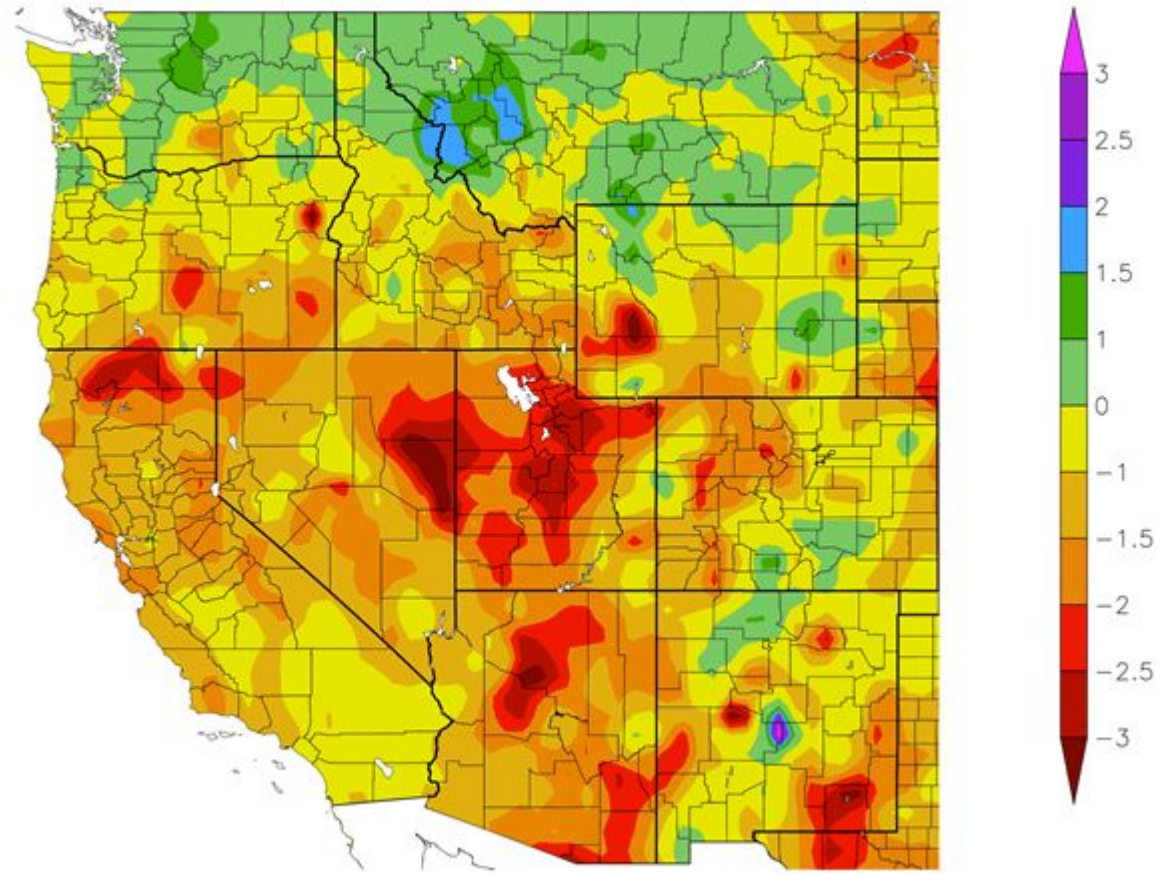
Utah Drought Monitor Webinar

November 3, 2020

Precipitation 60 day history (Percent of Average)



60 Day SPI
9/4/2020 - 11/2/2020

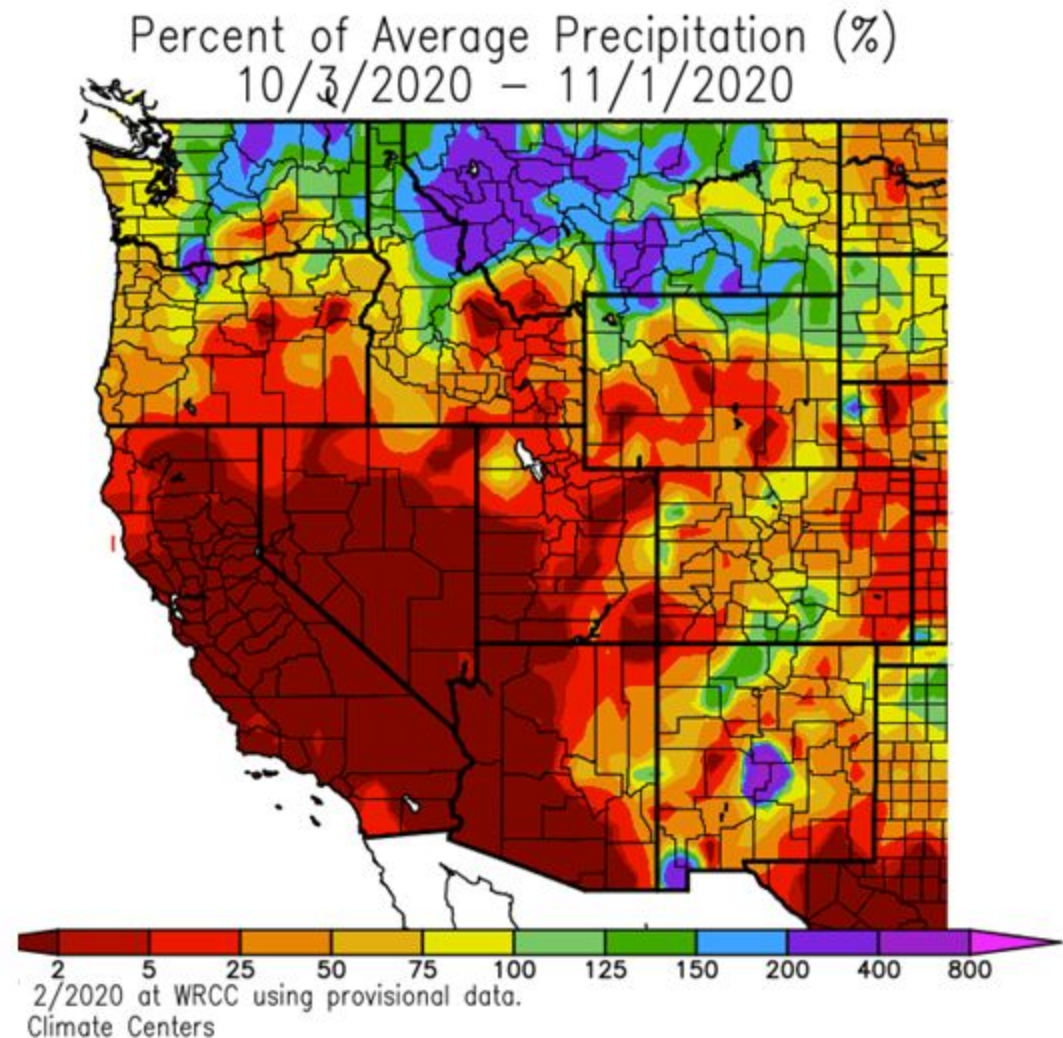
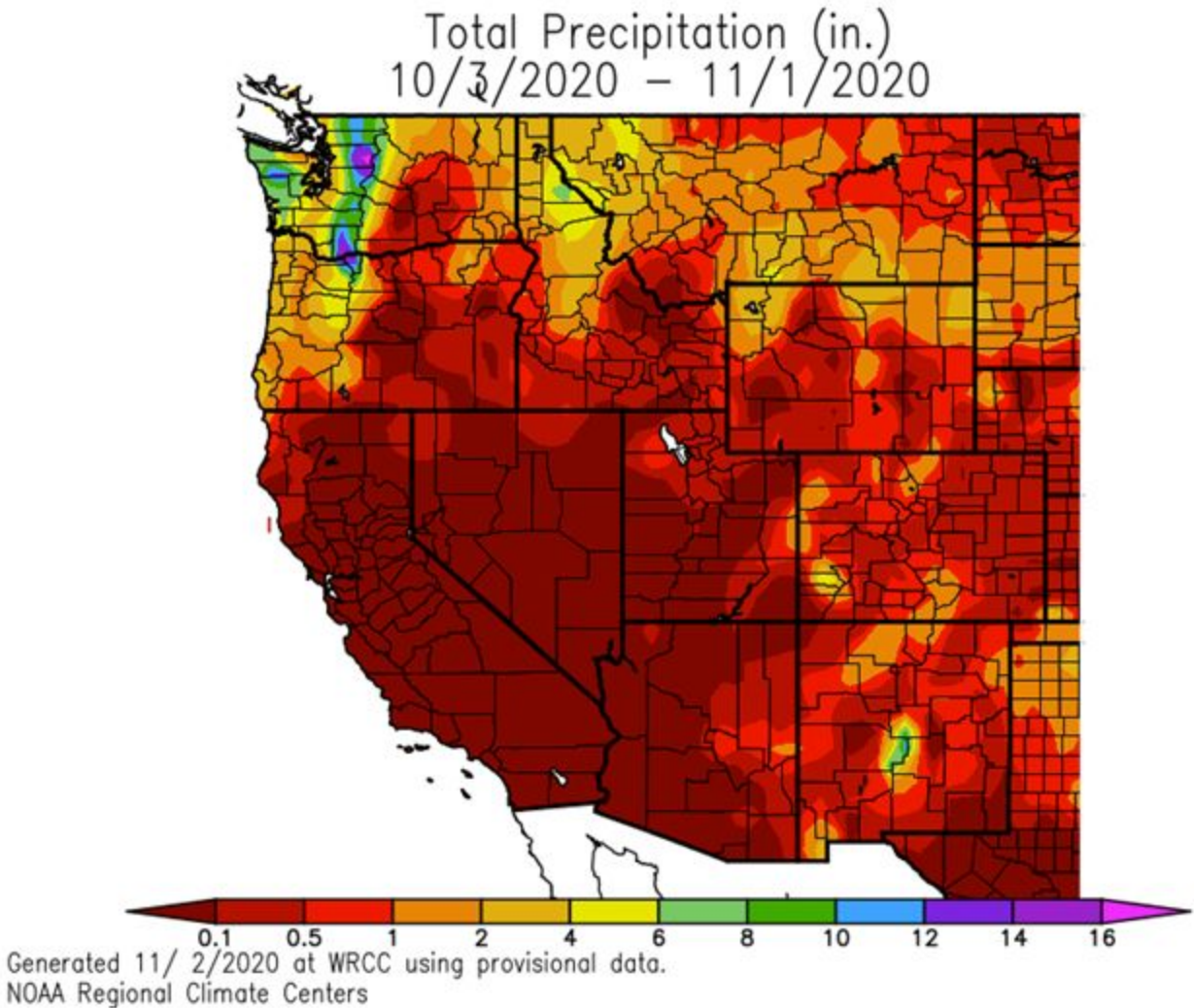


Generated 11/3/2020 at HPRCC using provisional data.

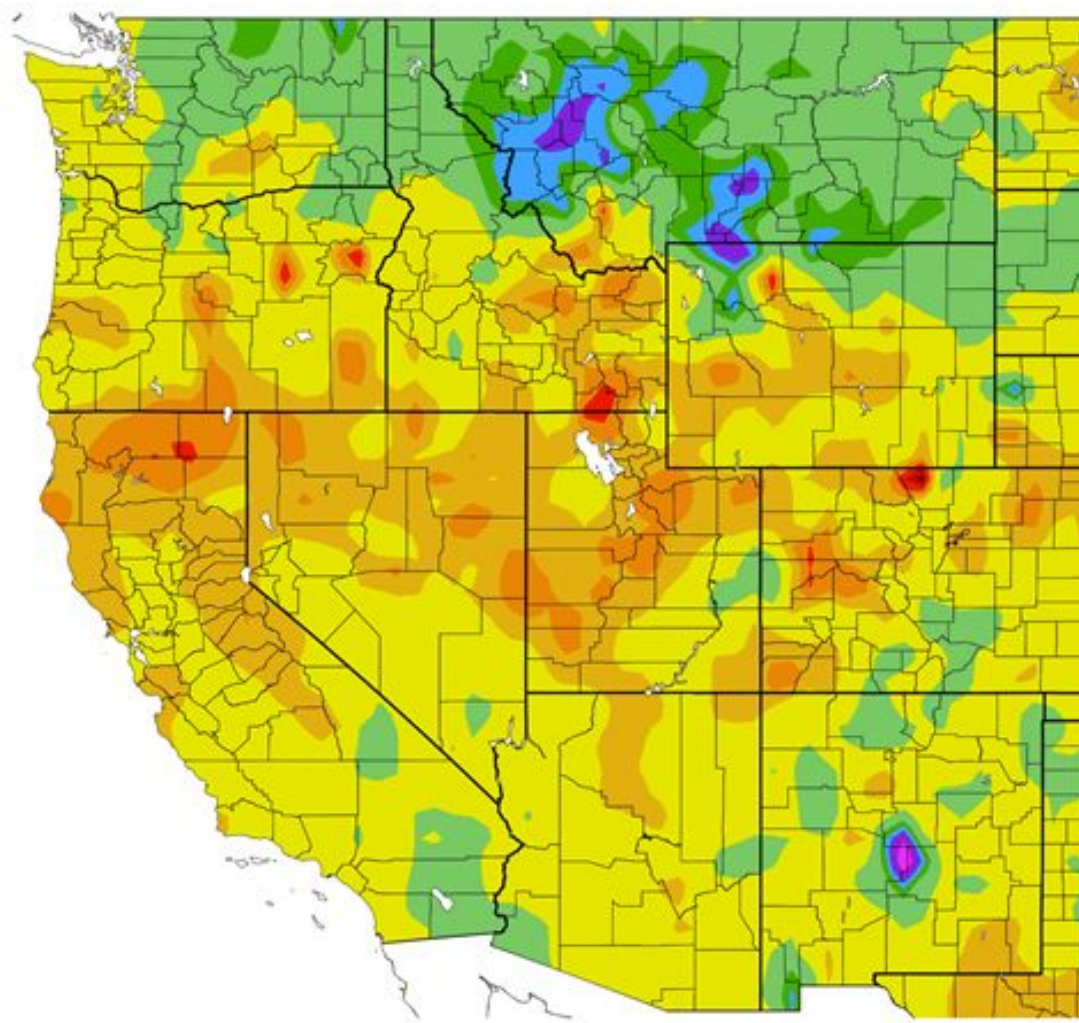
NOAA Regional Climate Centers

Agency -
Presenter -

Precipitation 30 day history (Percent of Average)



30 Day SPI
10/4/2020 – 11/2/2020



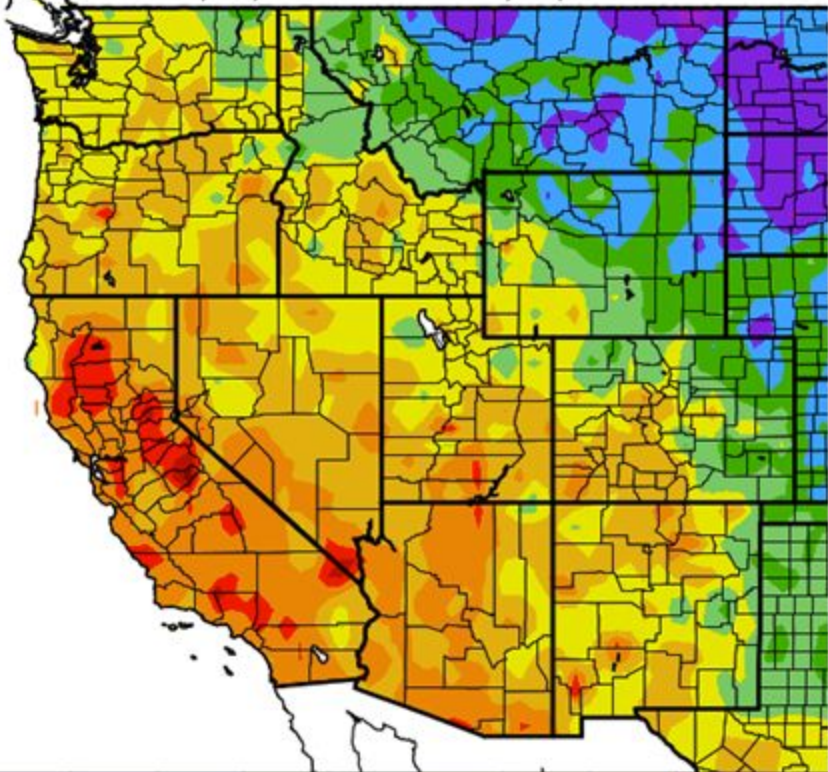
Agency -
Presenter -

2020 at HPRCC using provisional data.

NOAA Region

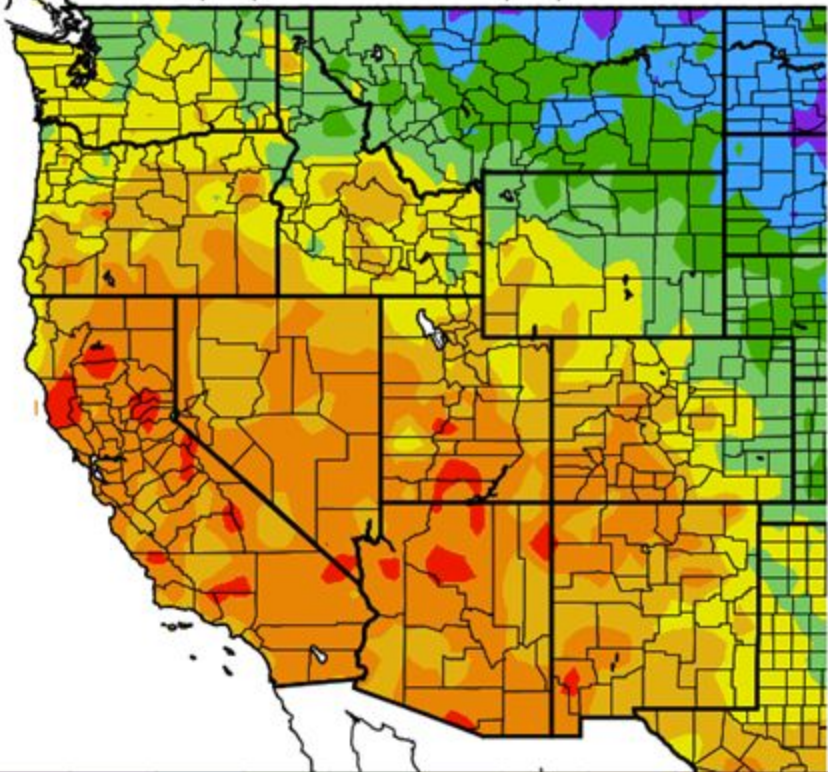
Temperature 30 day (Related to Average)

Ave. Temperature dep from Ave (deg F)
10/3/2020 – 11/1/2020



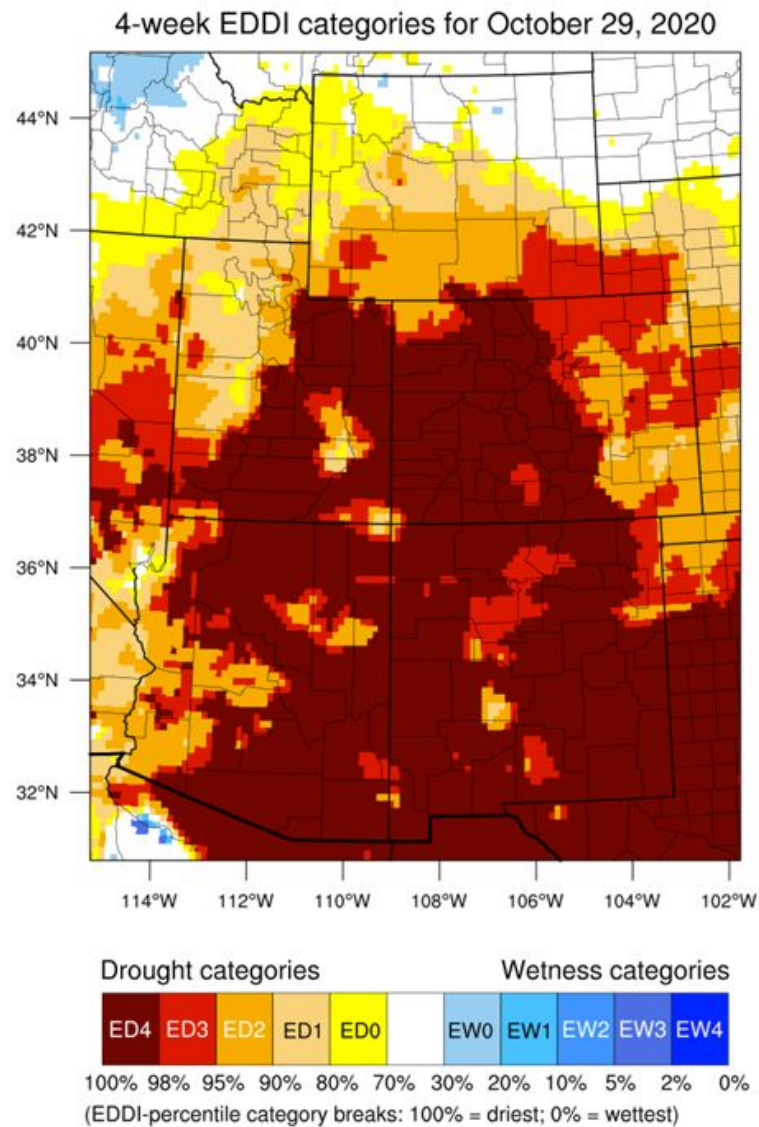
Generated 11/ 2/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
10/3/2020 – 11/1/2020



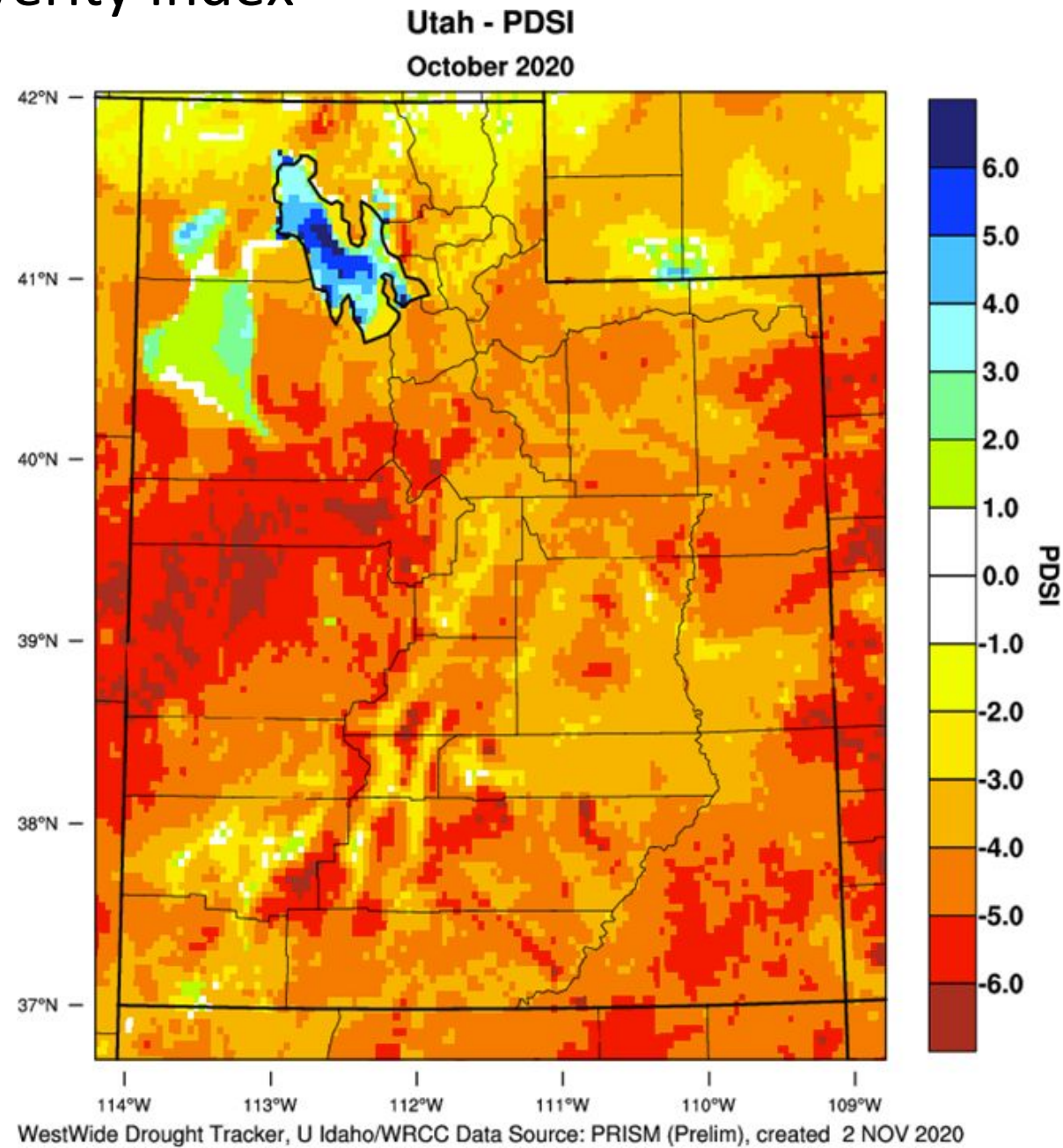
Generated 11/ 2/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

October(ish) EDDI & Palmer Drought Severity Index

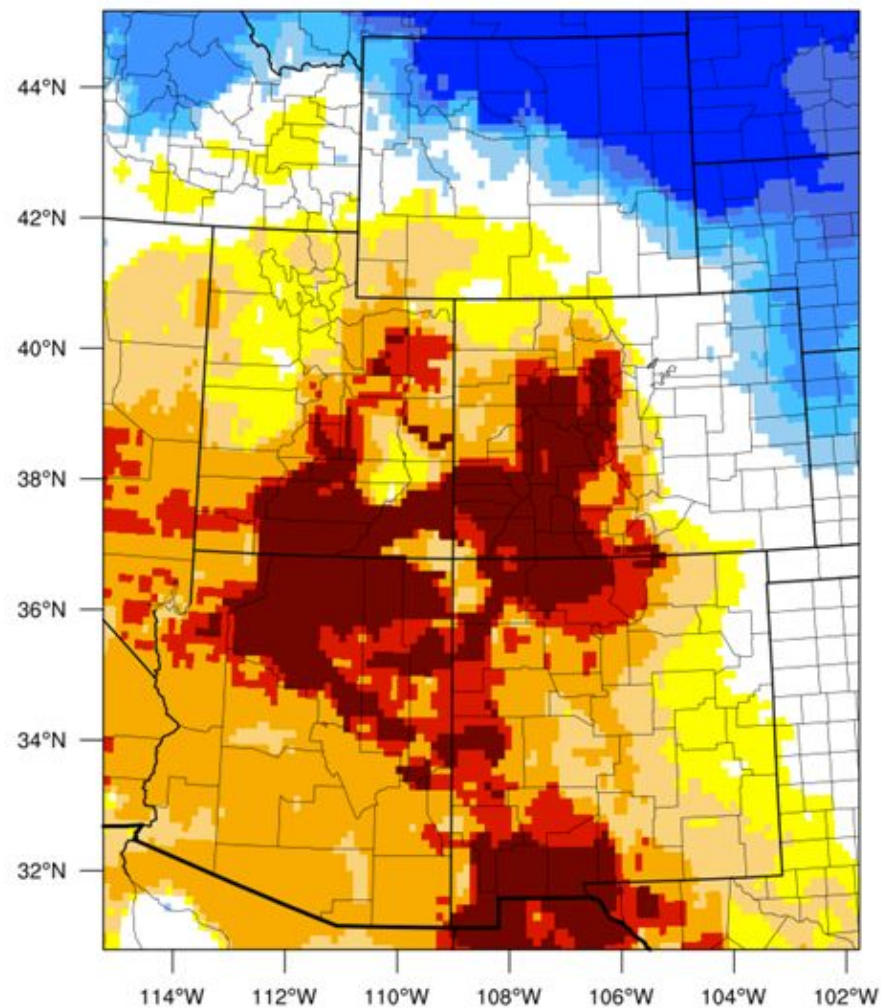


Agency - Utah Climate Center
Presenter - Jon Meyer

Generated by NOAA/ESRL/Physical Sciences Laboratory



2-week EDDI categories for October 29, 2020



Drought categories

Wetness categories



(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

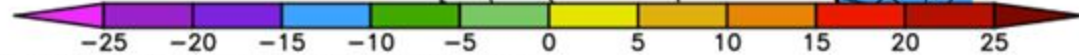
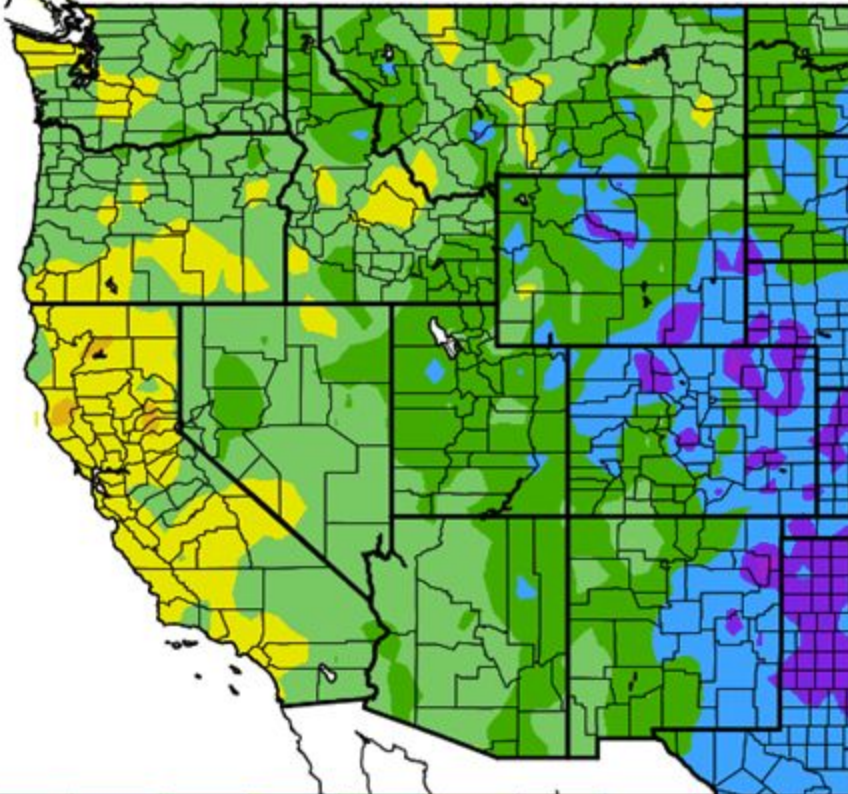
Generated by NOAA/ESRL/Physical Sciences Laboratory

Agency - Utah Climate Center

Presenter - Jon Meyer

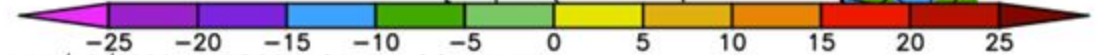
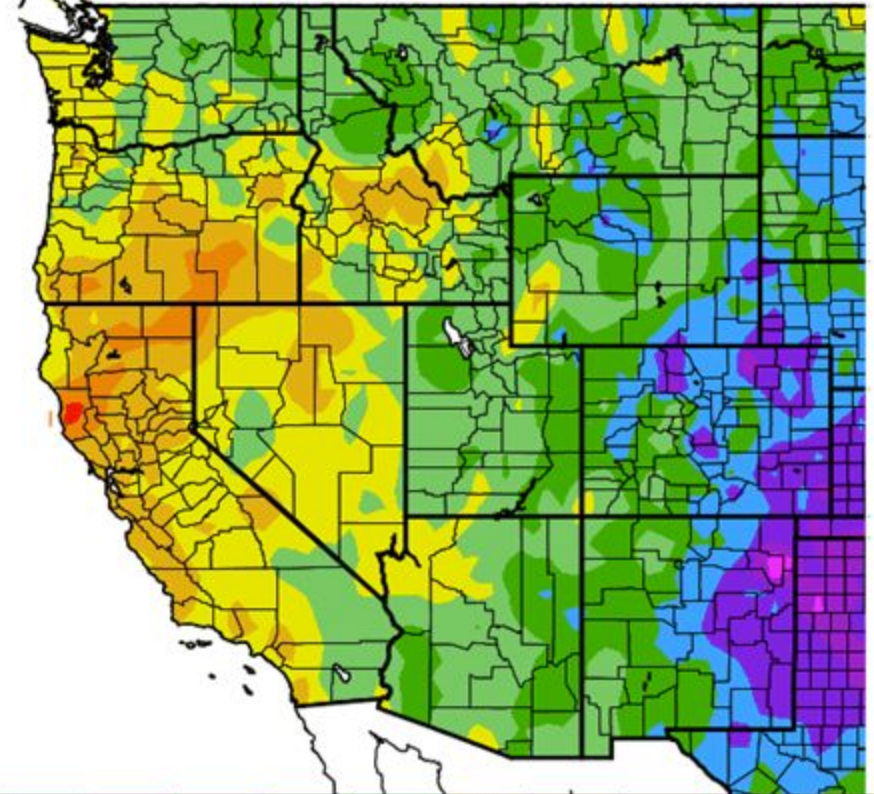
Temperature 7 day (Related to Average)

Ave. Temperature dep from Ave (deg F)
10/26/2020 – 11/1/2020



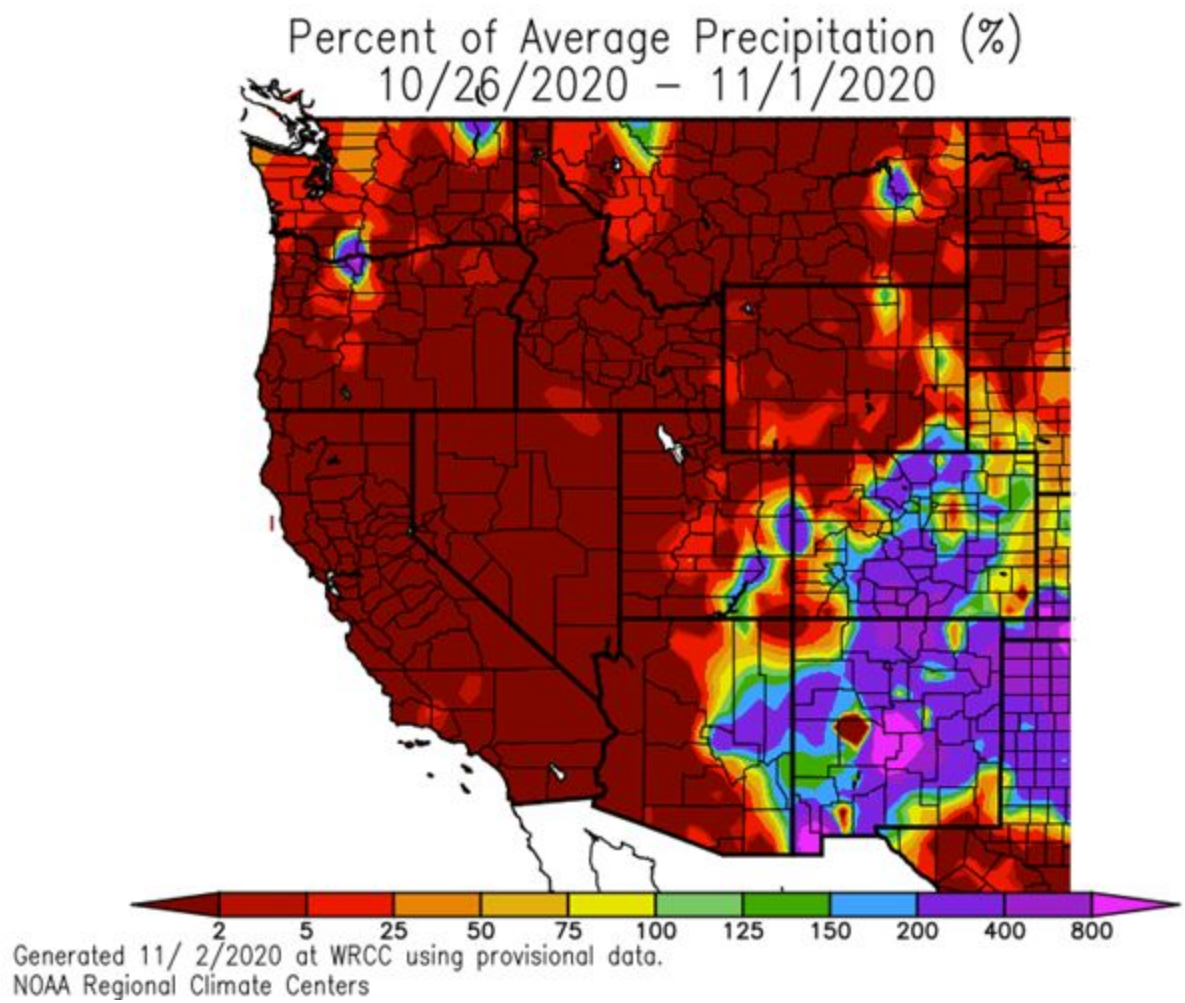
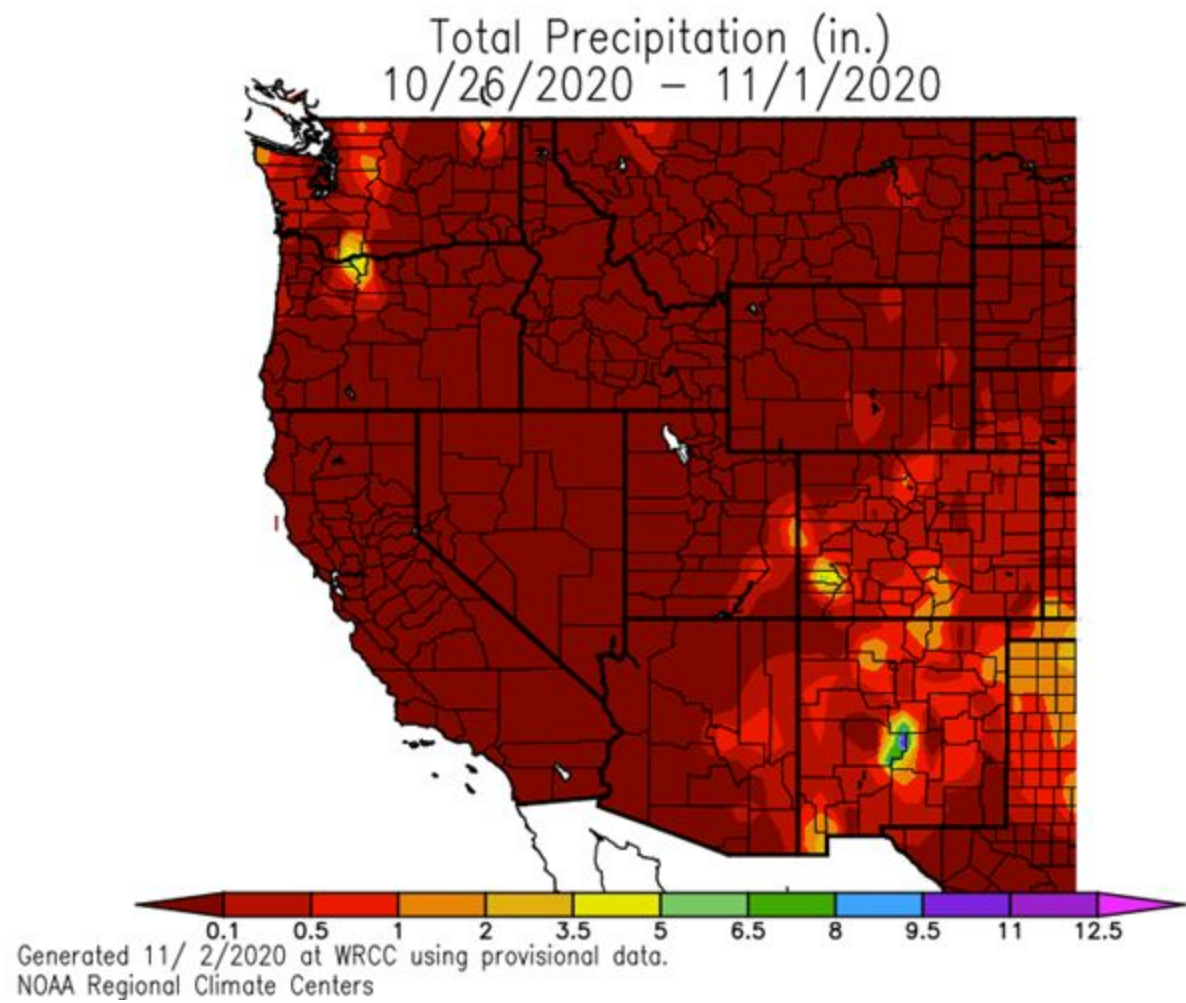
Generated 11/ 2/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
10/26/2020 – 11/1/2020



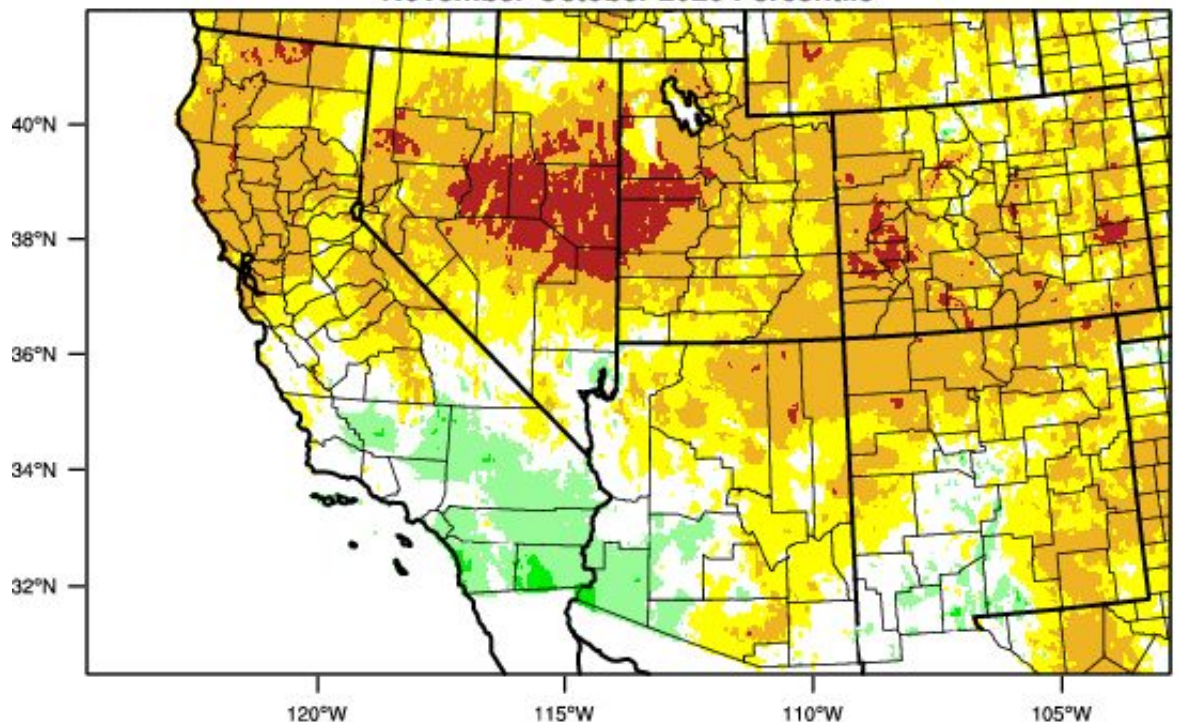
d 11/ 2/2020 at WRCC using provisional data.
gional Climate Centers

Precipitation 7 day history (Percent of Average)

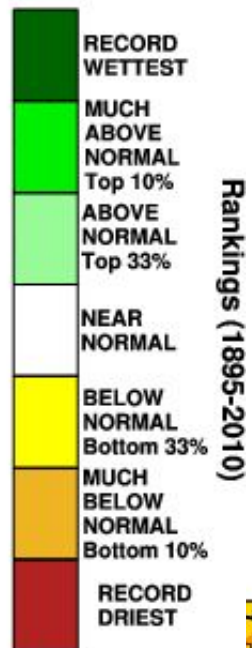


Southwest - Precipitation

November-October 2020 Percentile

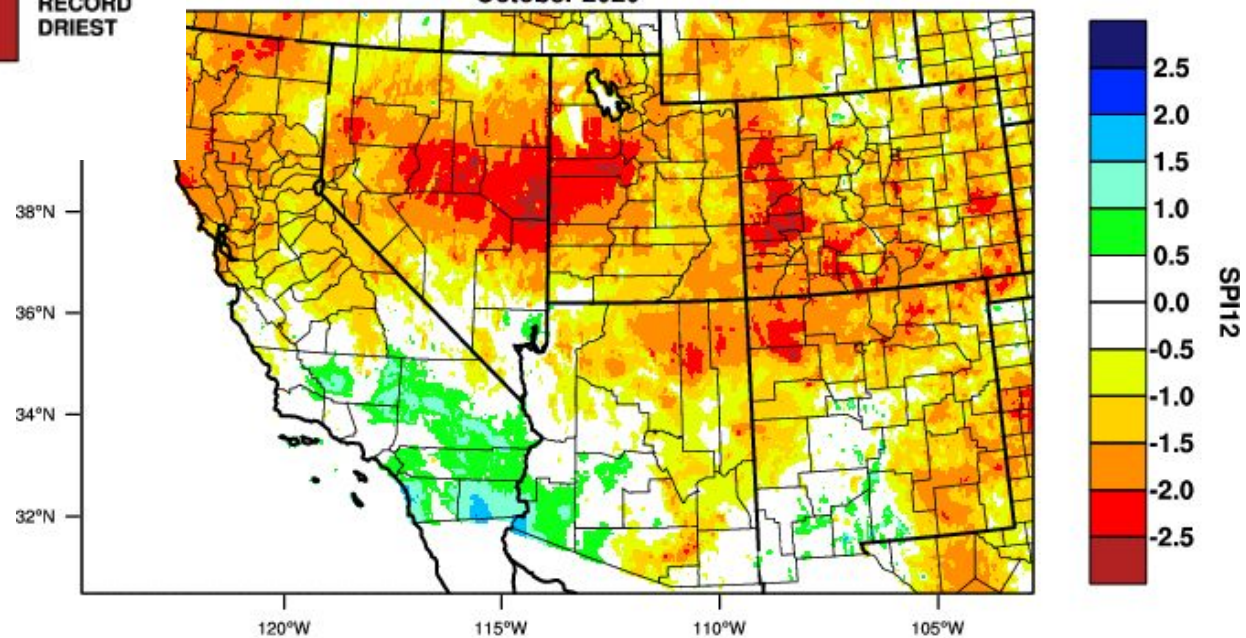


WestWide Drought Tracker - U Idaho/WRCC Data Source - PRISM (Prelim), created 2 NOV 2020



Southwest - 12 month SPI

October 2020



WestWide Drought Tracker - U Idaho/WRCC Data Source - PRISM (Prelim), created 2 NOV 2020

Agency - Utah Climate Center

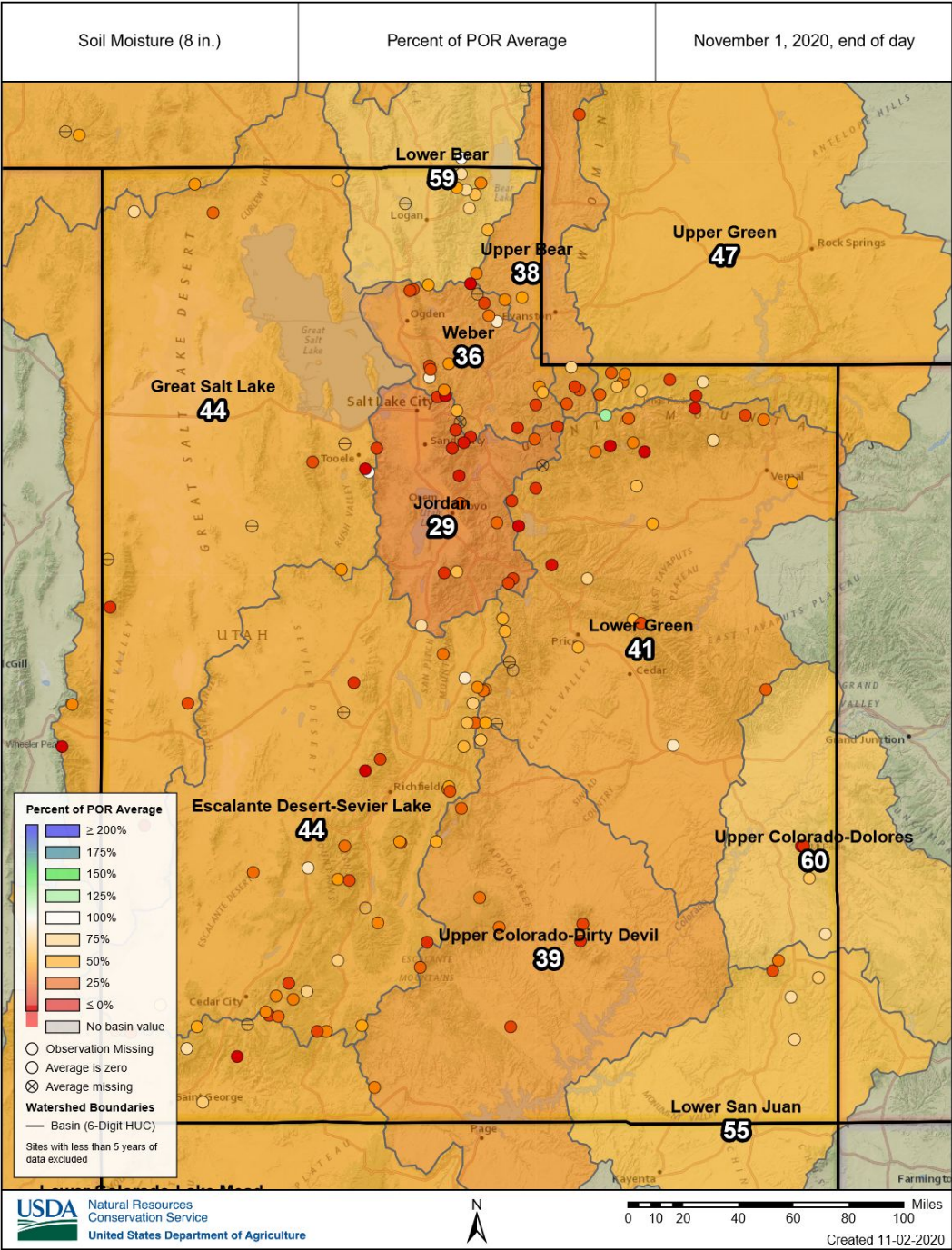
Presenter - Jon Meyer

Soil Moisture (Current)

SNOTEL & SCAN data combined
8" sensor depth
basin data combined with point data

(note that green dot in Uinta Mtns is bad data pt)

Agency - NRCS Snow Survey
Presenter - Jordan Clayton



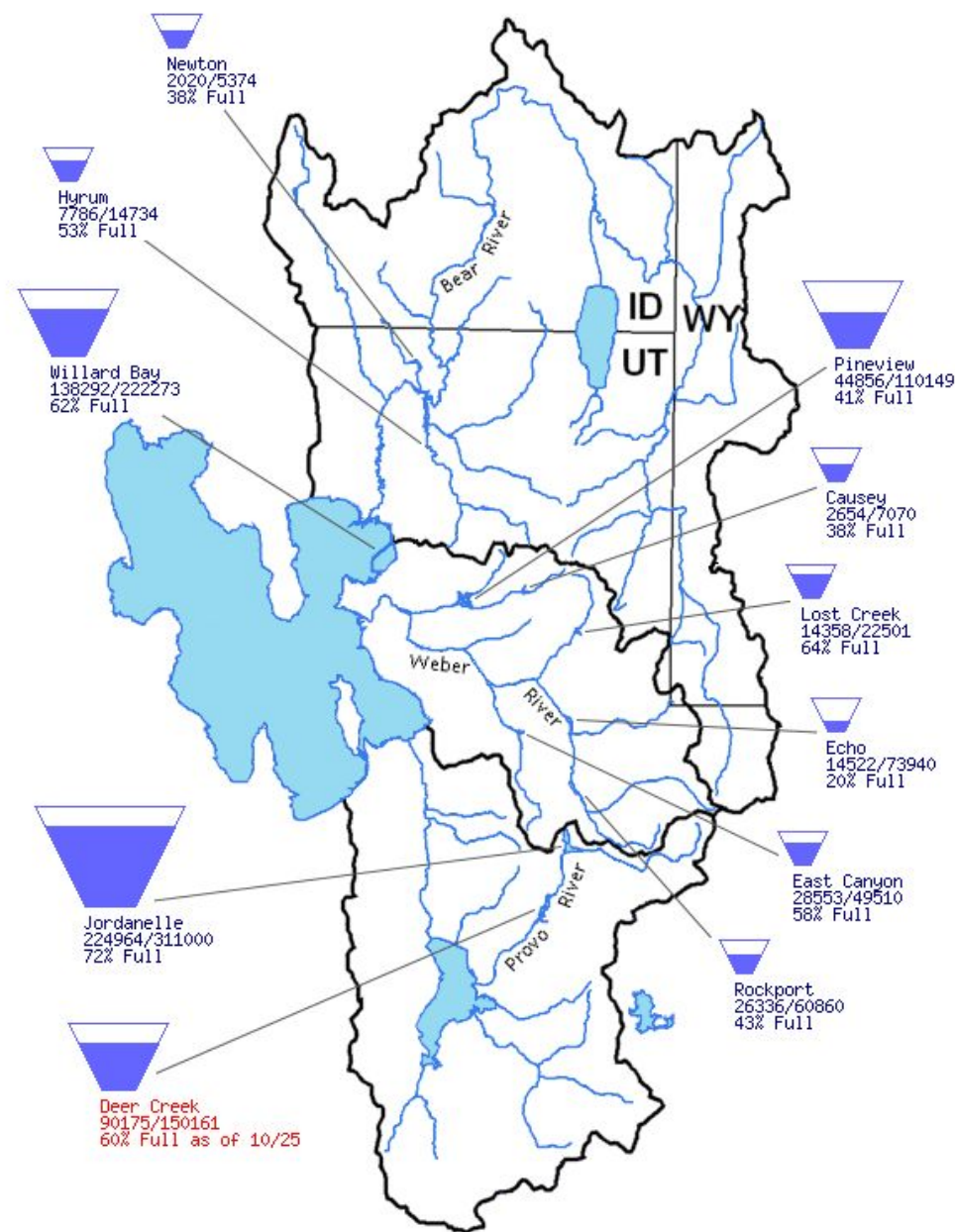
Data Current as of:
11/02/2020

Bear, Weber, and Provo River Basins

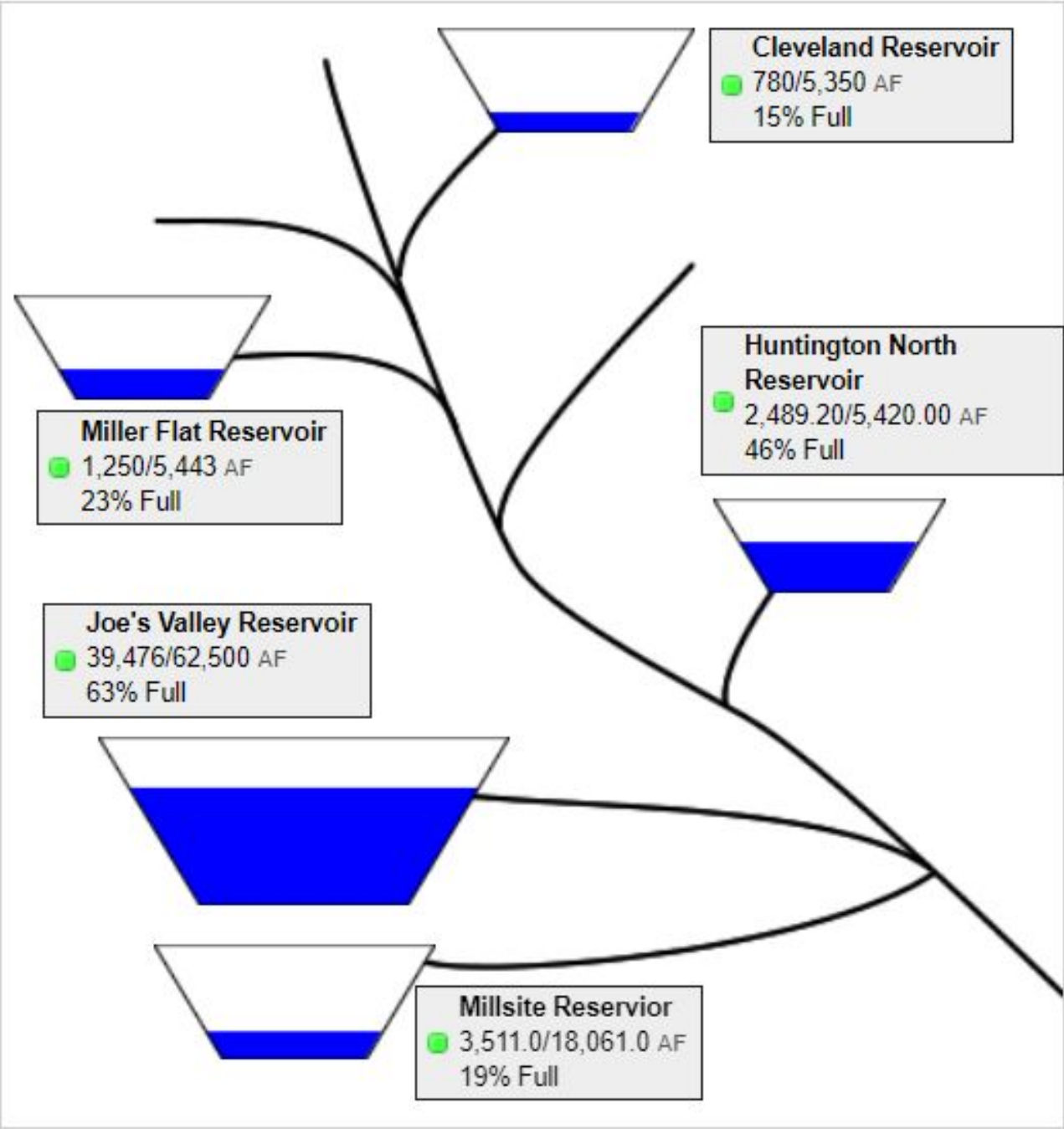
Bear River Basin: moving water around, Newton up but Hyrum down. Willard Bay down 2% in last month.

Weber River Basin: generally gone down up to 1-3% in the last month.

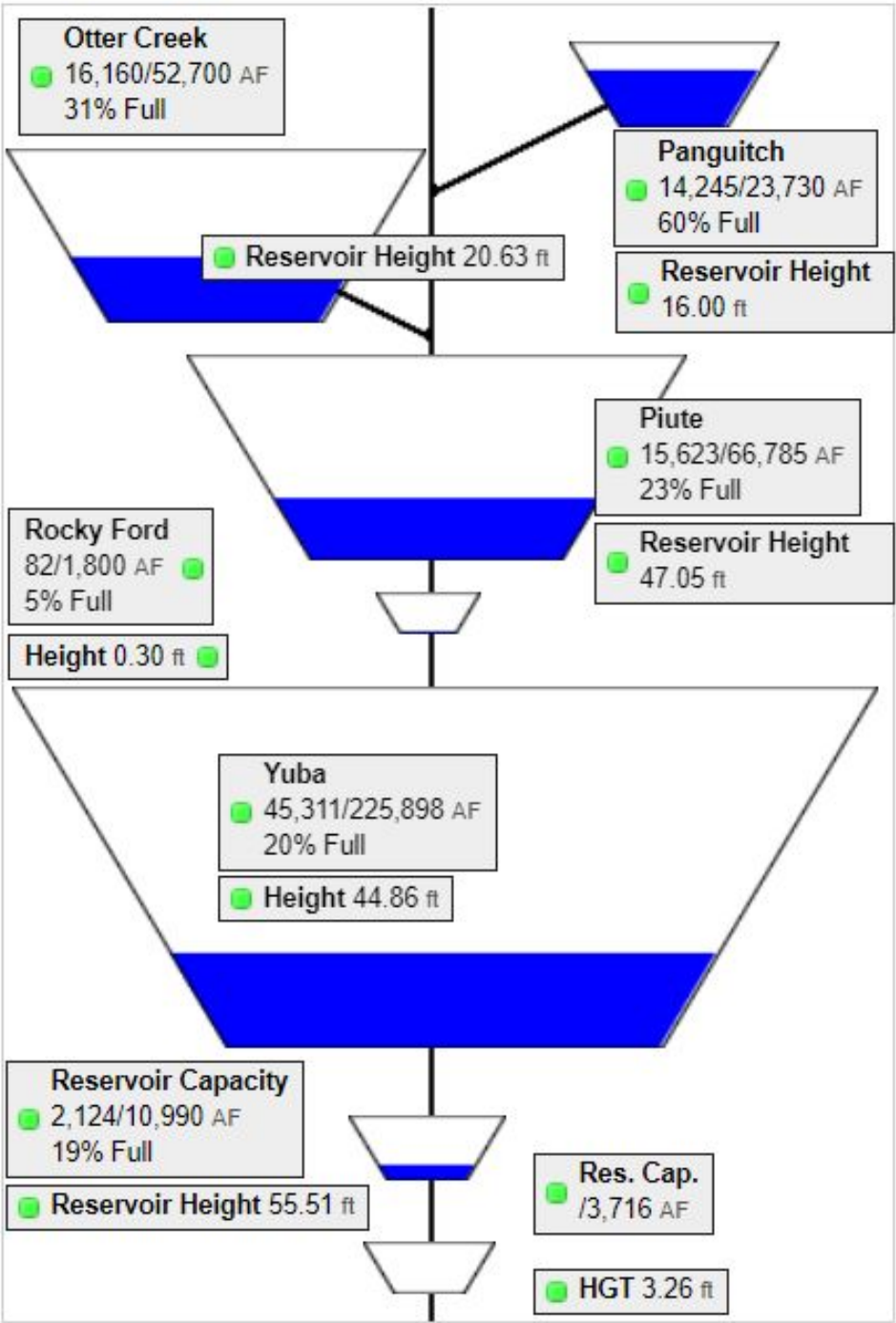
Provo River Basin: generally gone down 2% in last two weeks.



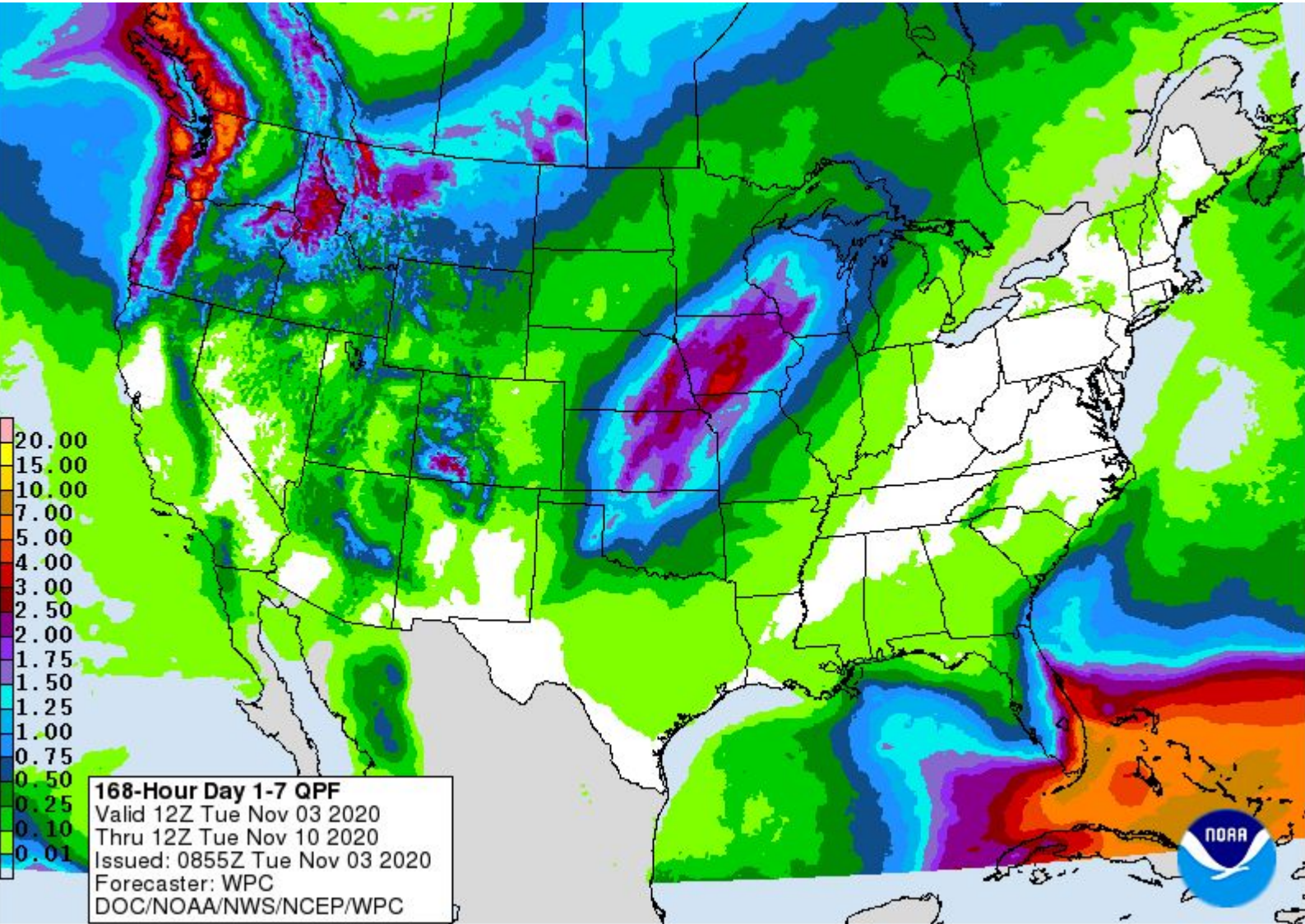
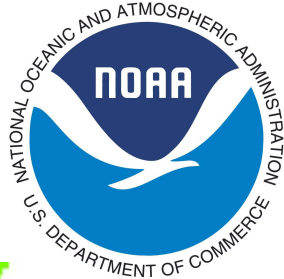
In the last month:
Basin storage has stayed about the same



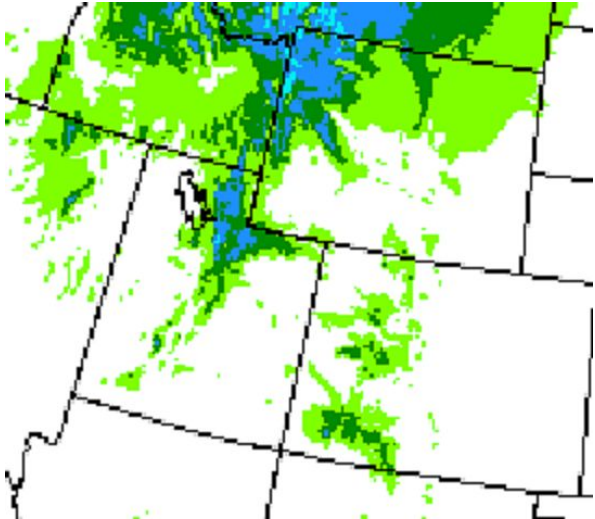
In the last month:
Basin storage has stayed about the same



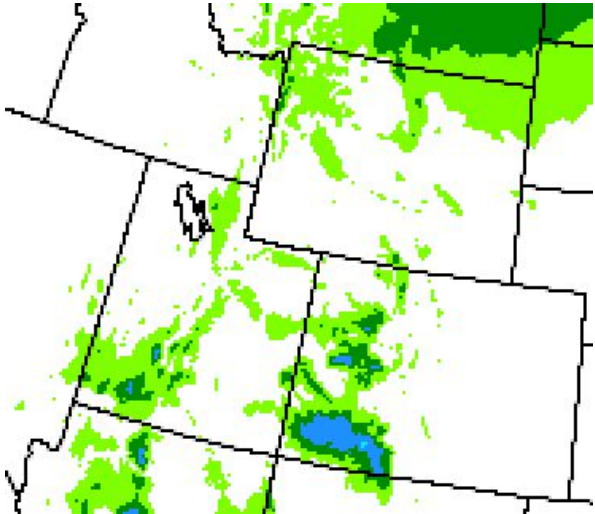
Weather Forecast Office Utah Day 1-7 Outlook



Probability of
exceeding 0.25
inches of liquid

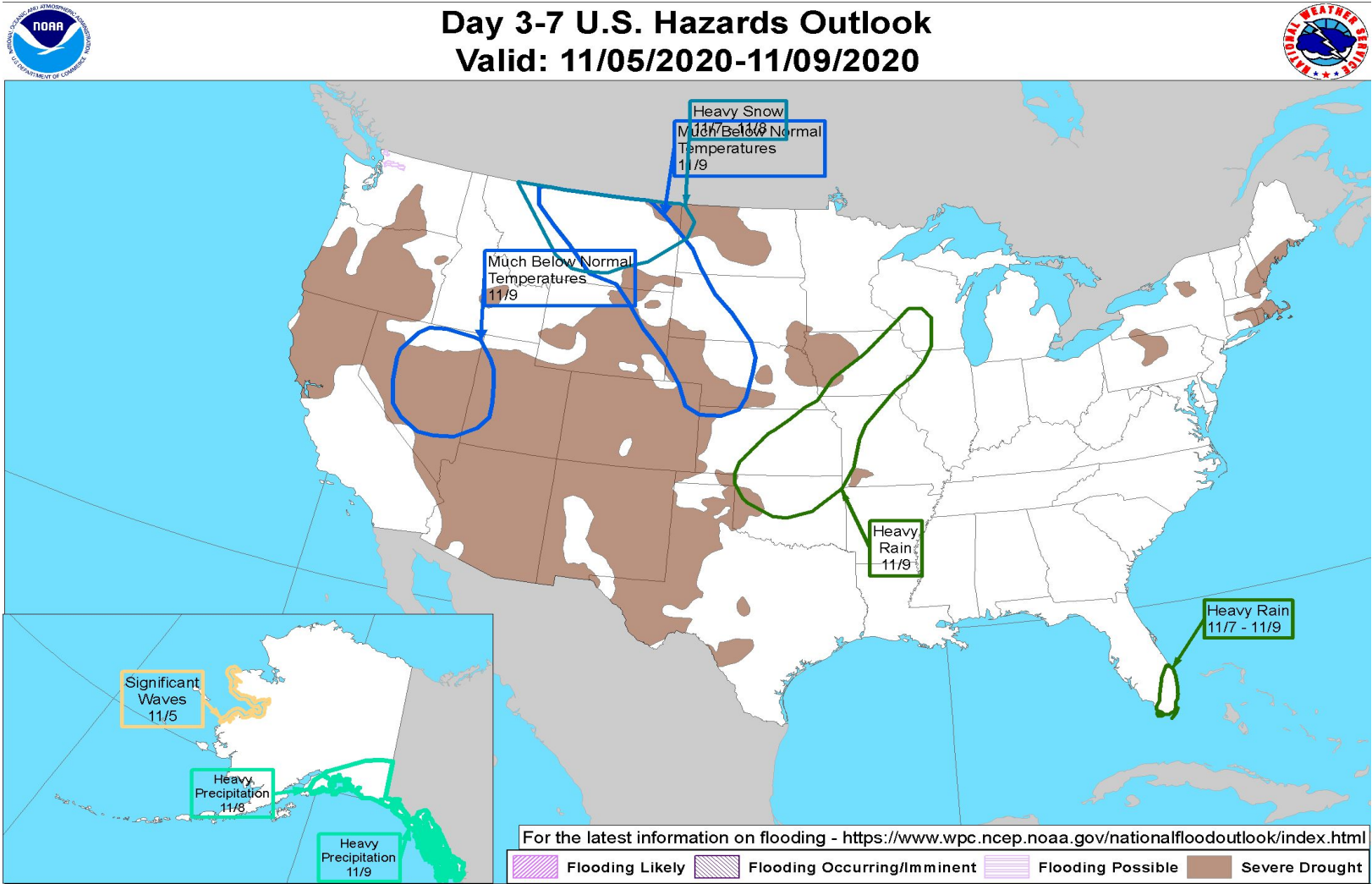


Sat



Sun

Weather Prediction Center U.S. Day 3-7 Hazards Outlook



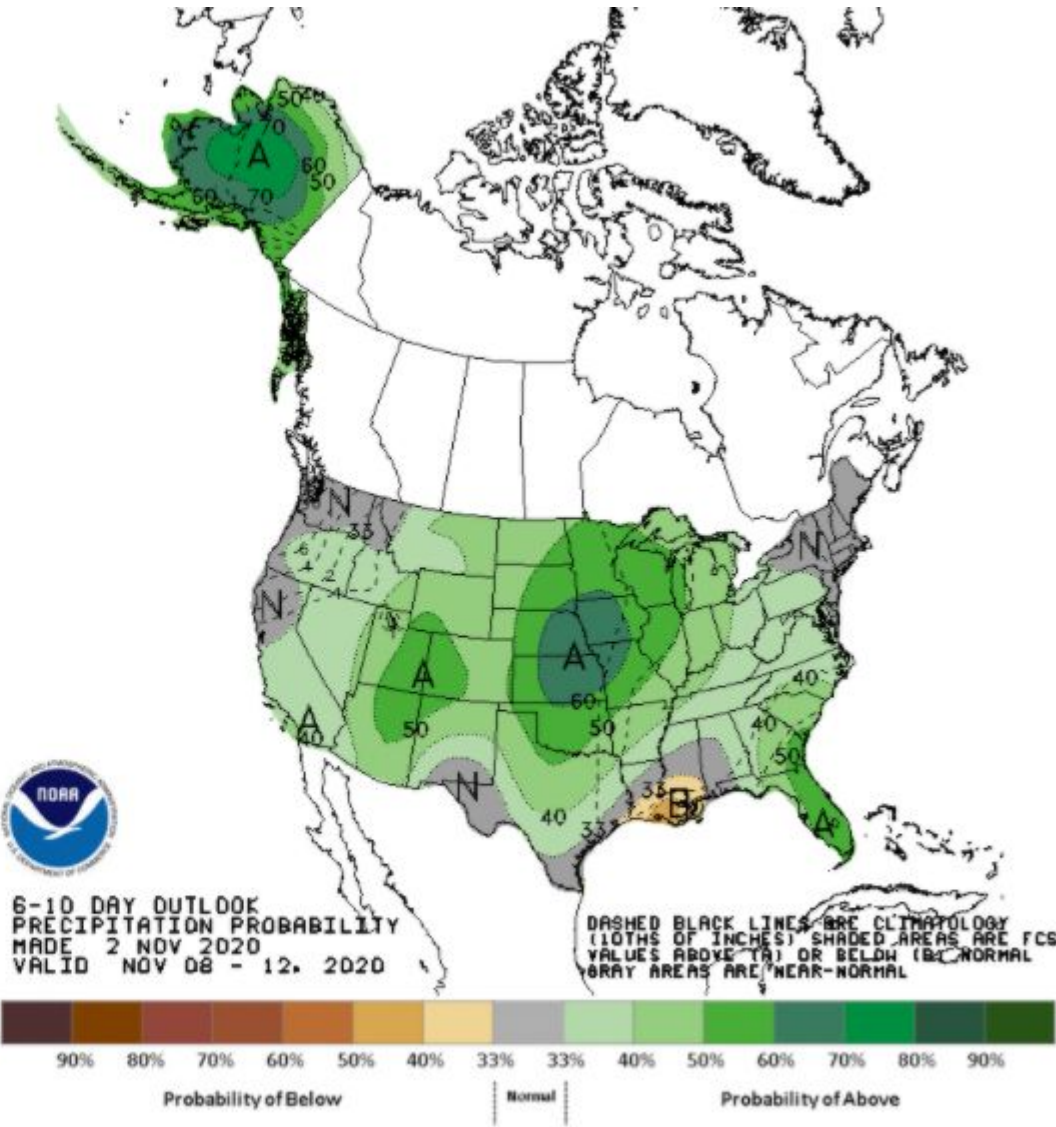
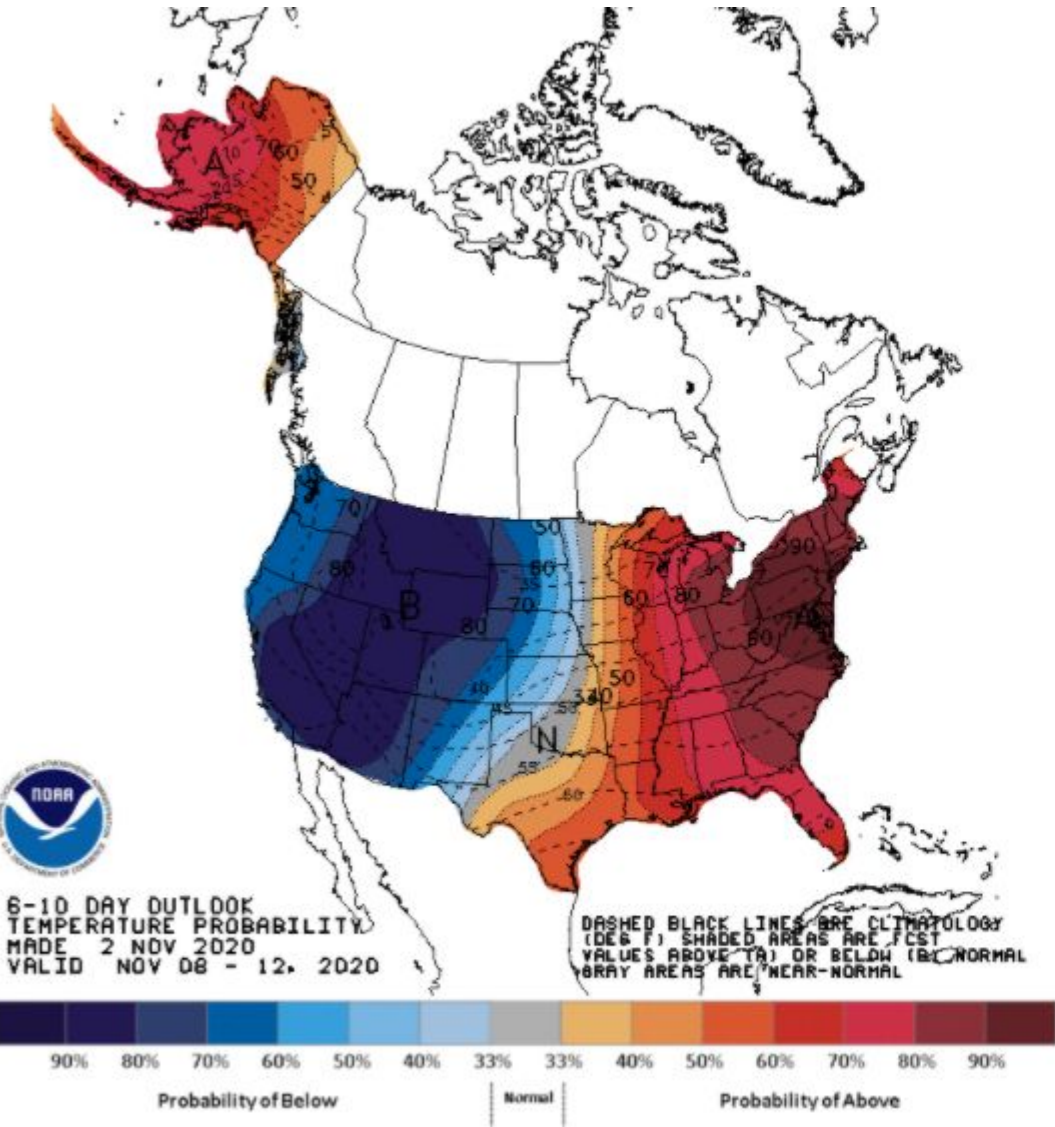
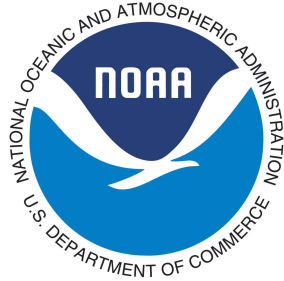
Weather Prediction Center

Made: 11/02/2020 3PM EST

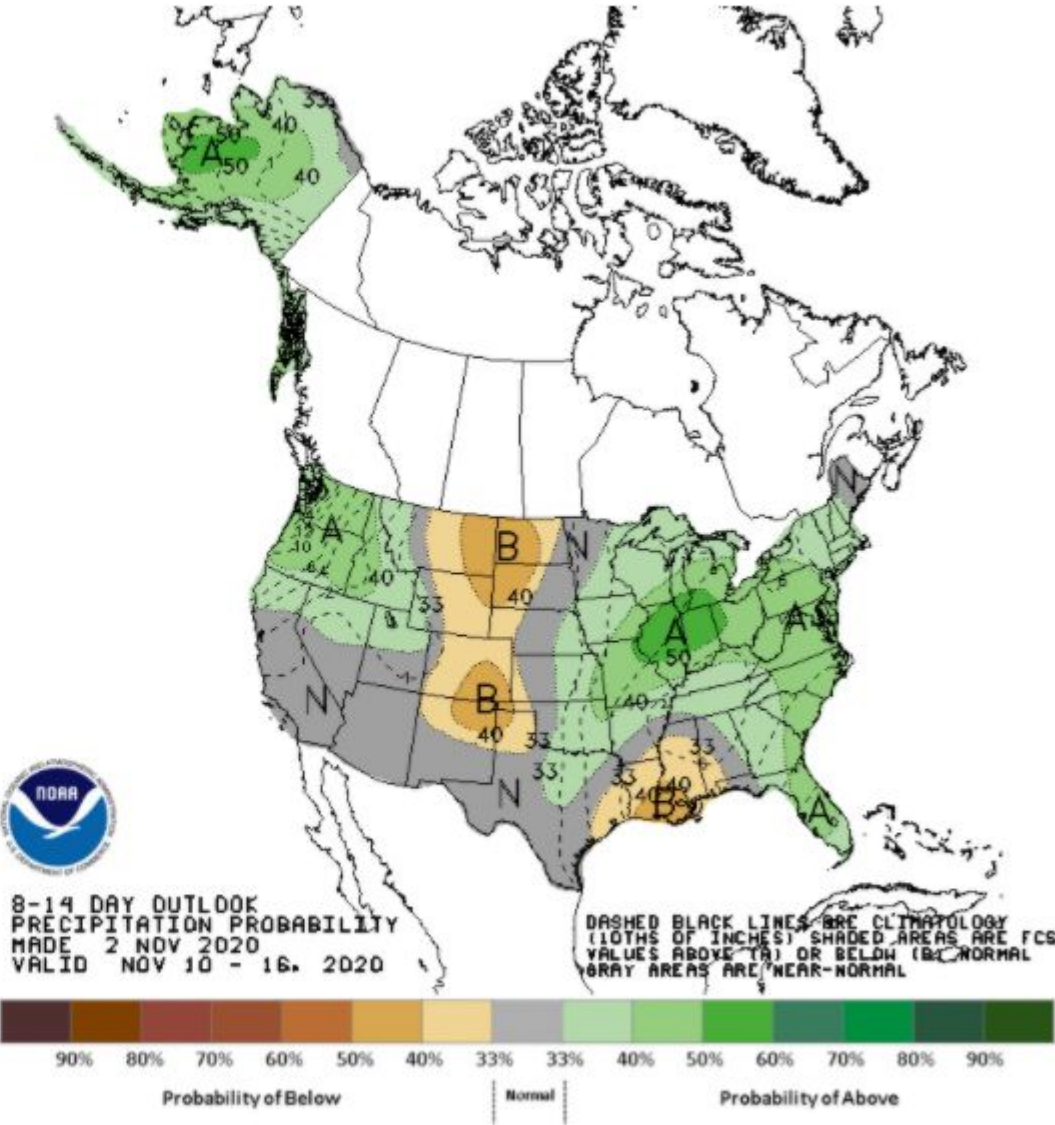
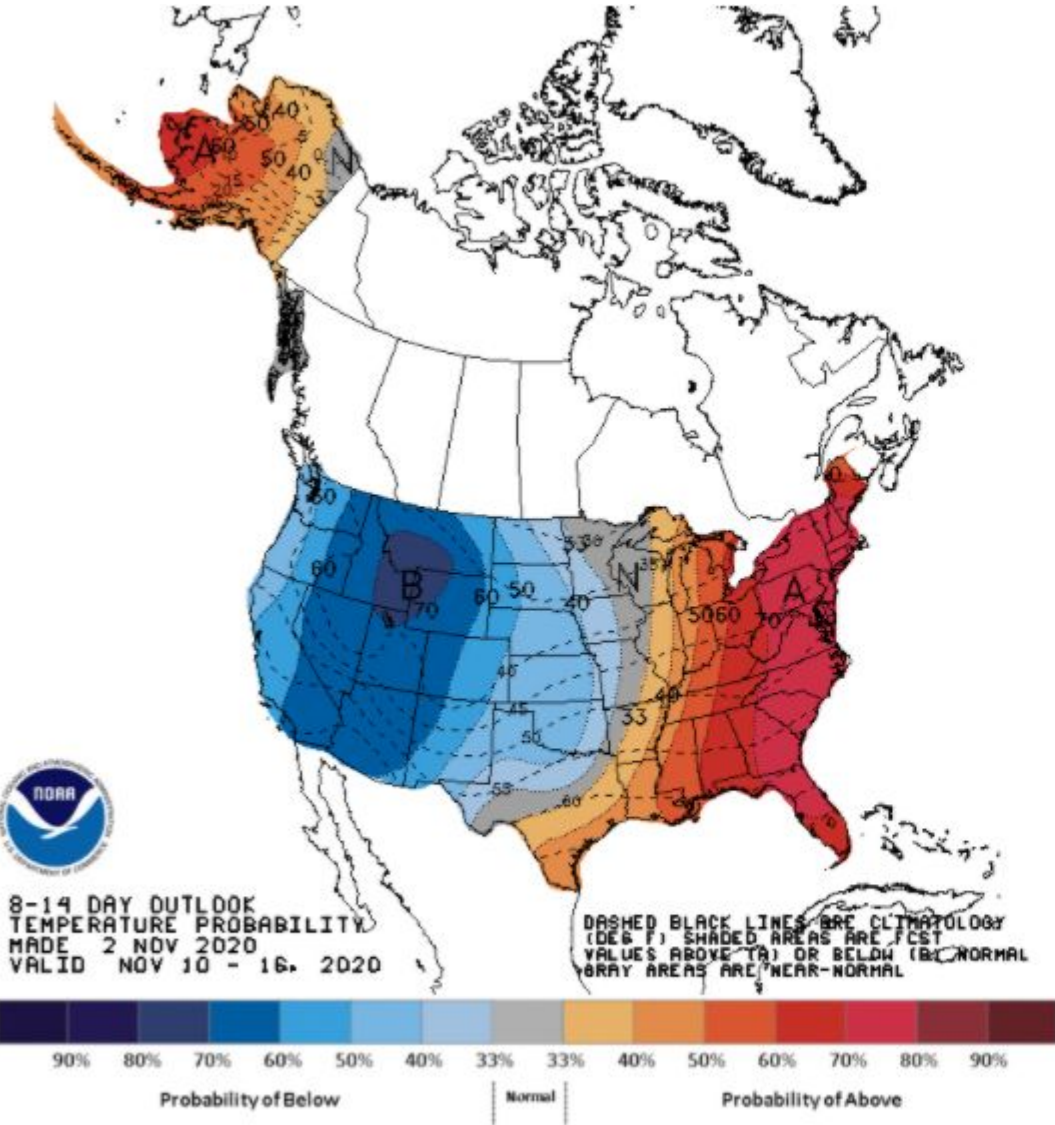
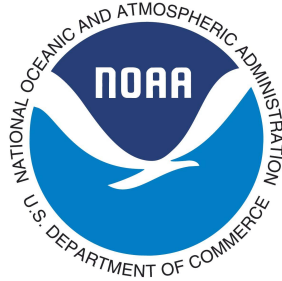
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www.wpc.ncep.noaa.gov

Climate Prediction Center 6 to 10 Day Outlooks - Nov 8-12



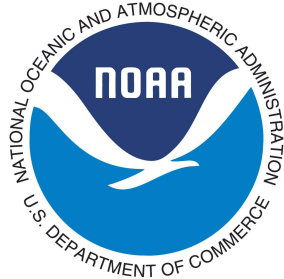
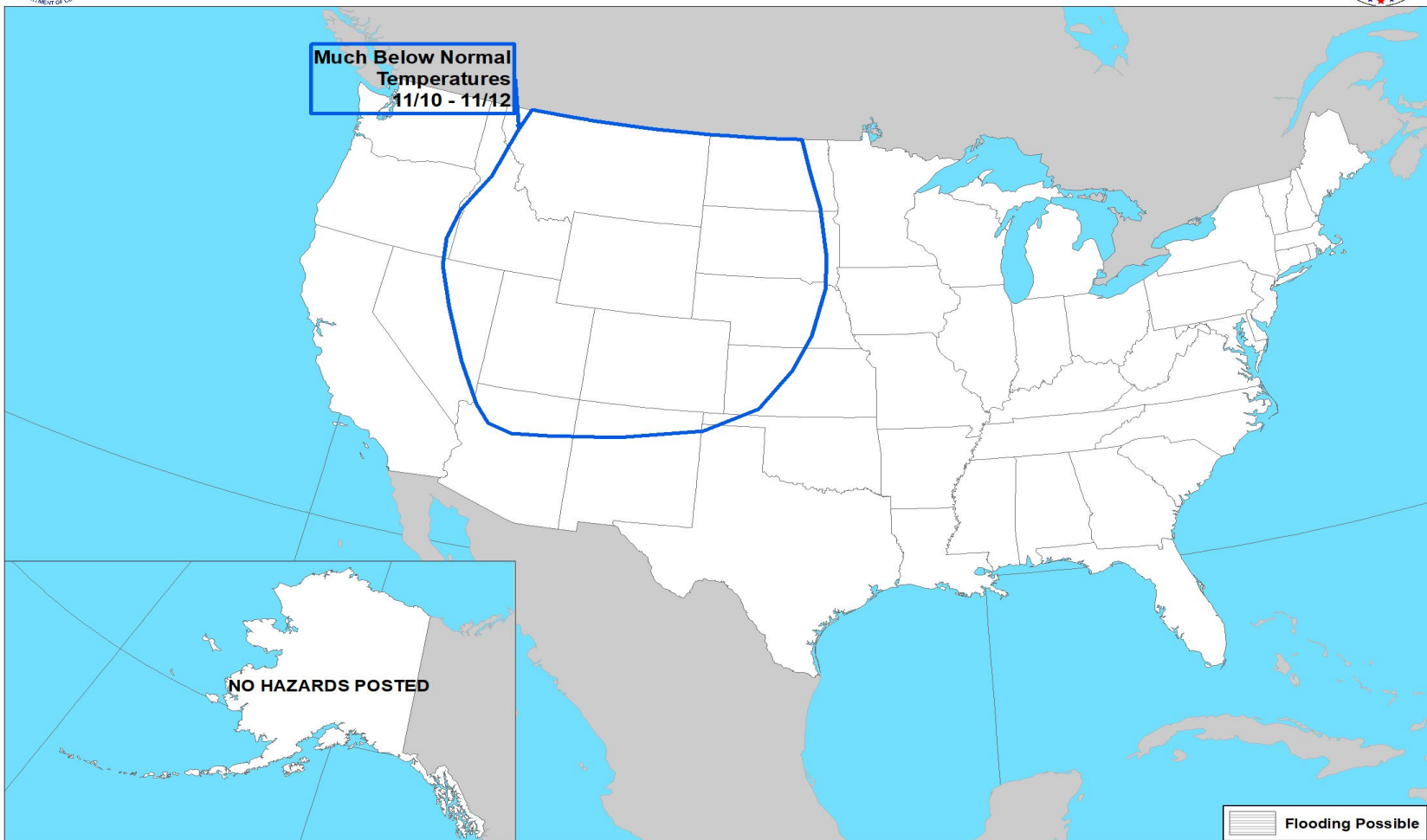
Climate Prediction Center 8 to 14 Day Outlooks - Nov 10-16



Climate Prediction Center U.S. Week-2 Hazards Outlook



Day 8-14 U.S. Hazards Outlook
Valid: 11/10/2020-11/16/2020

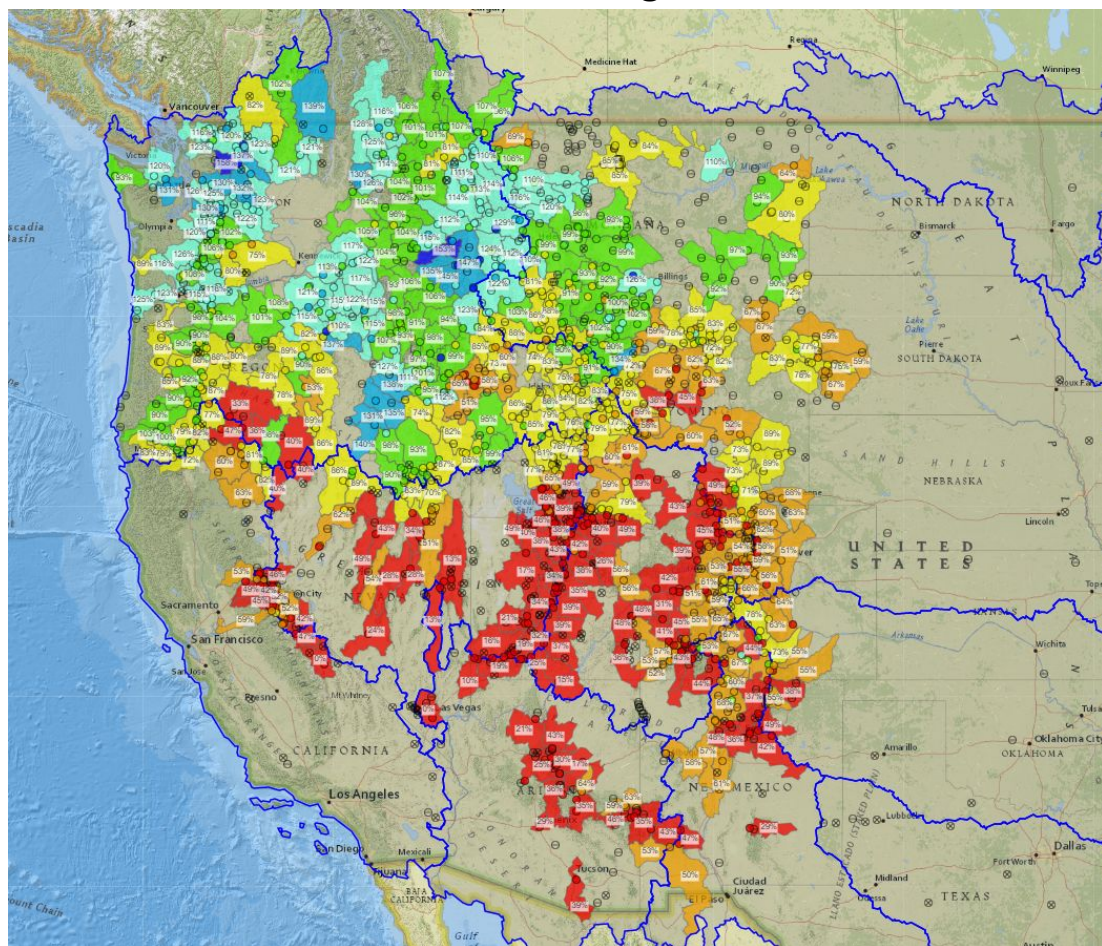


Climate Prediction Center
Made: 11/02/2020 3PM EST

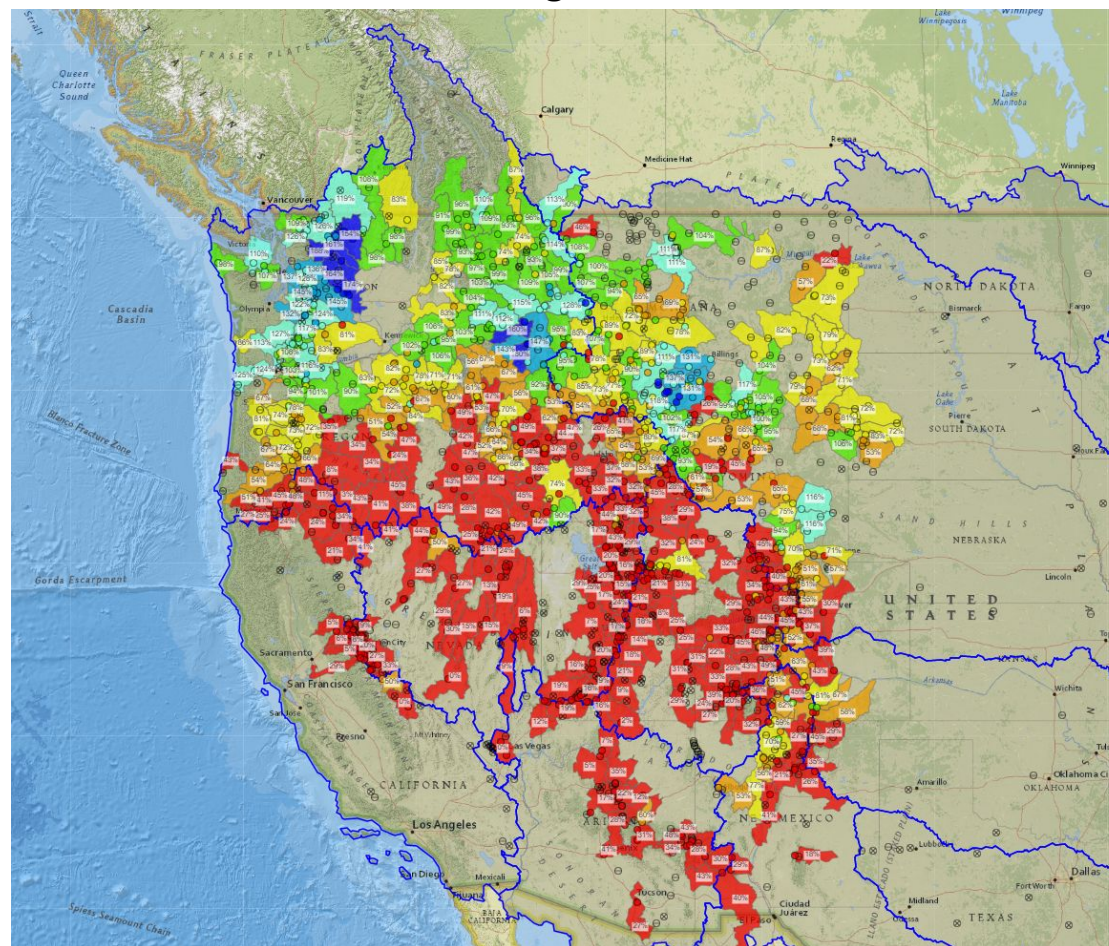
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Precipitation and Soil Moisture as Proxy for Water Supply Conditions Winter 2021

6 Month Average



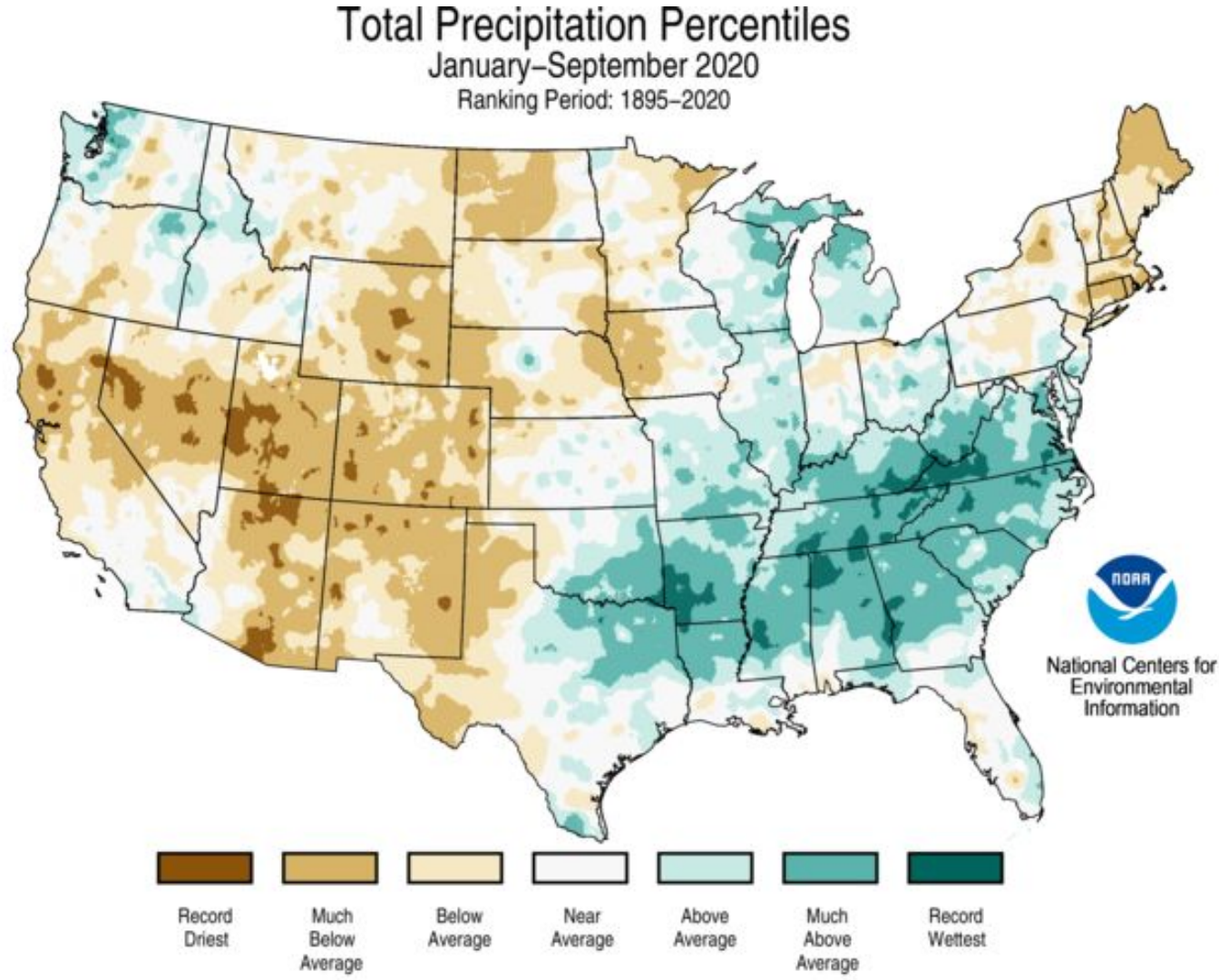
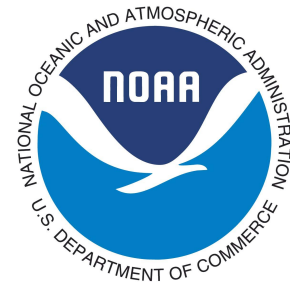
3 Month Average



Agency - CBRFC

Presenter - Brent Bernard

Ranked Percentile Precipitation January through September 2020



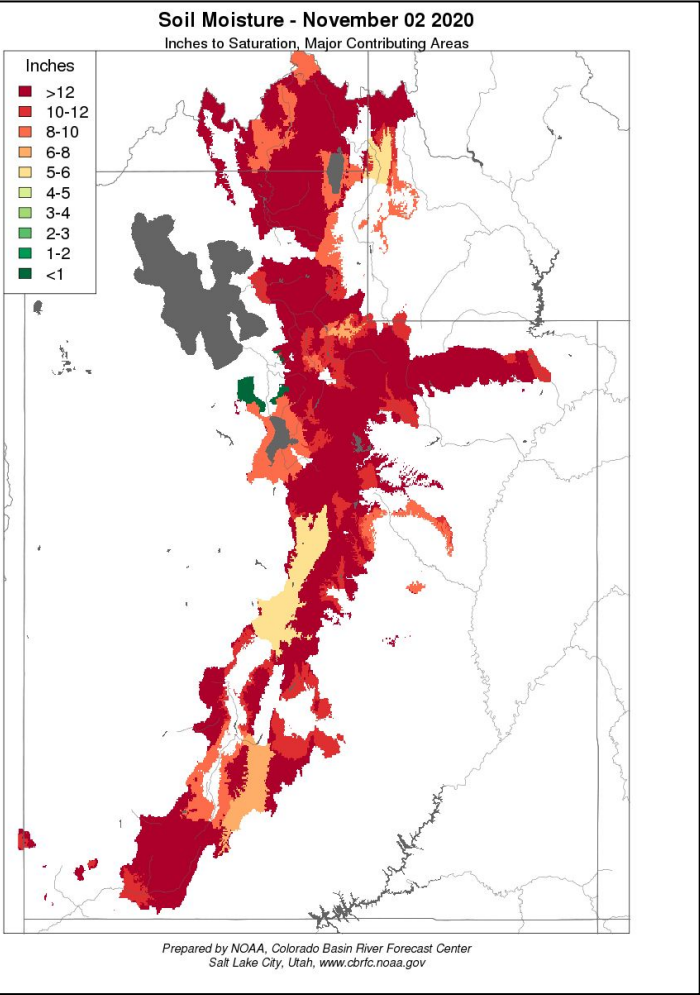
Created: Mon Oct 05 2020

Data Source: 5km Gridded Dataset (nClimGrid)

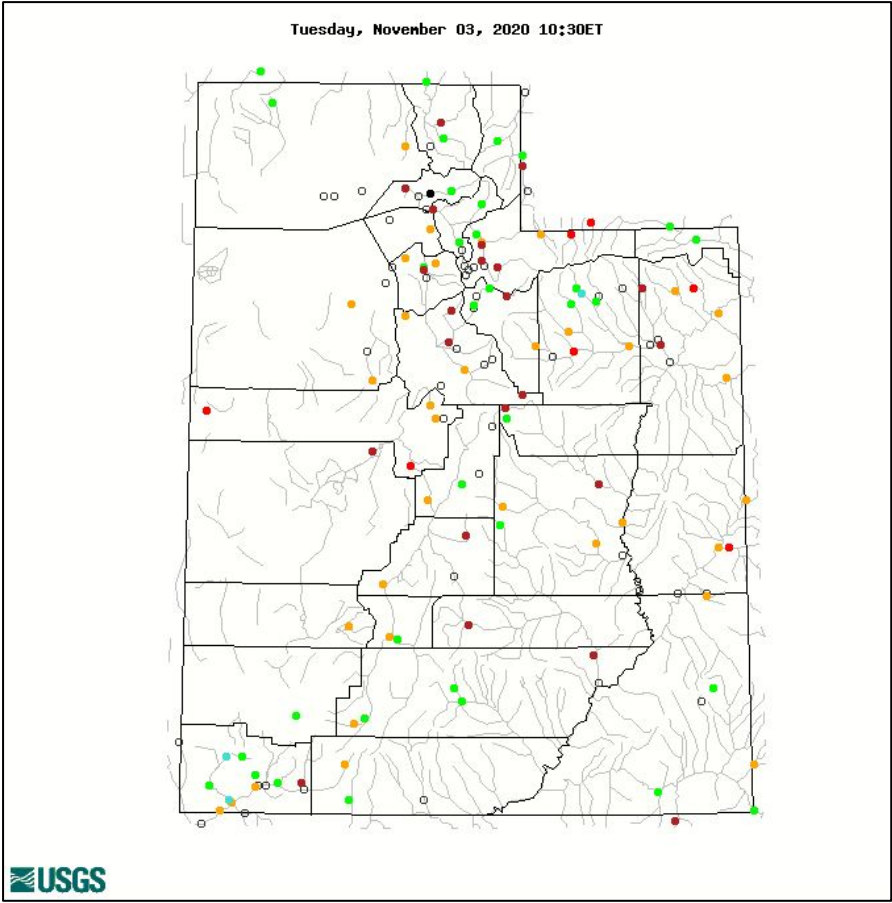
Agency - CBRFC
Presenter - Brent Bernard

Utah Soil Moisture and Streamflow Conditions

CBRFC Model Inches to Saturation

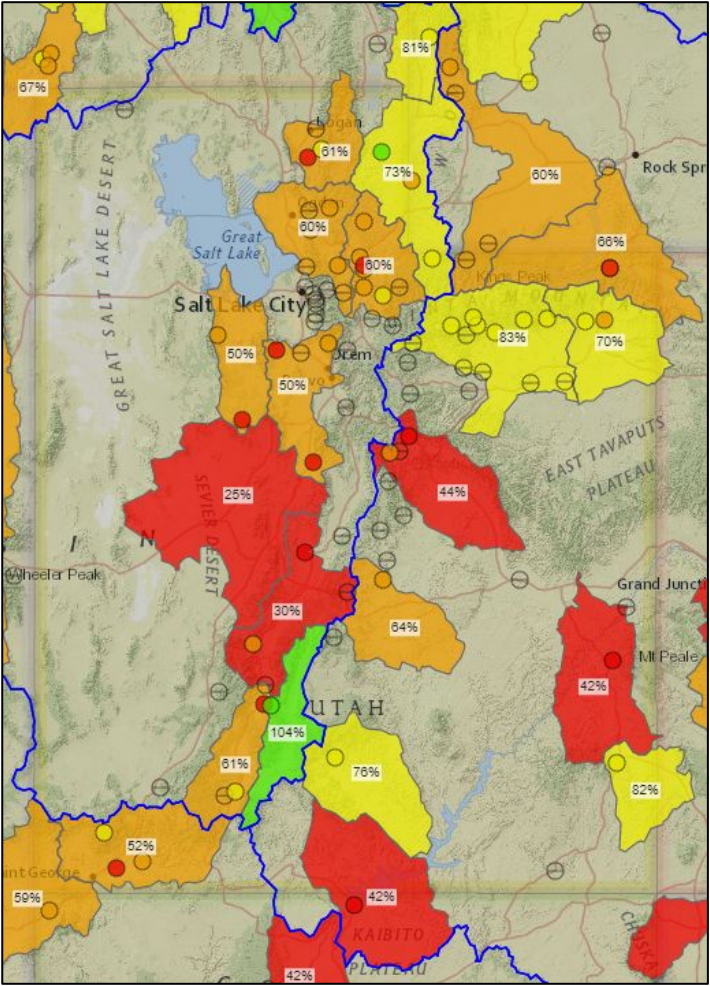


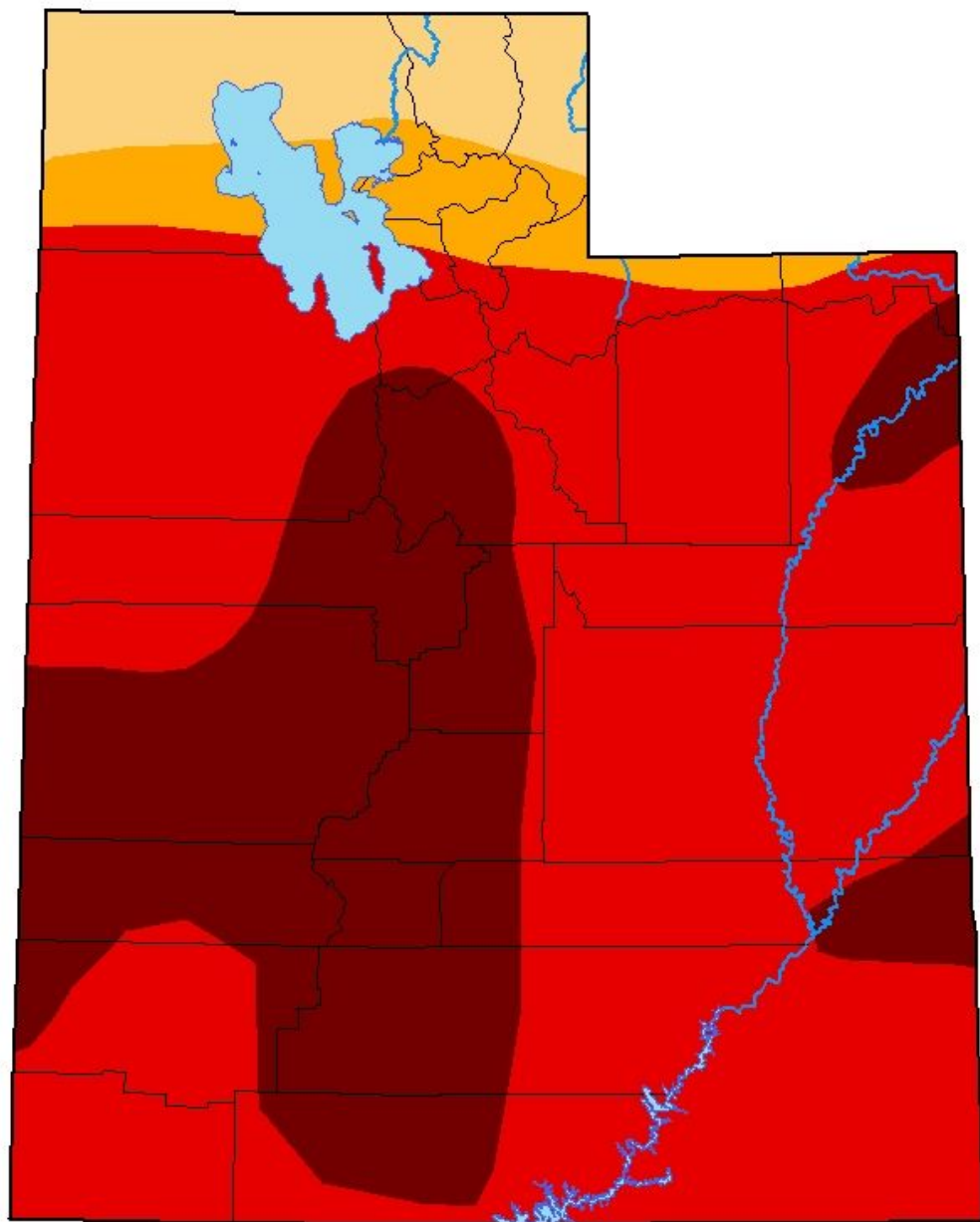
Observed, Regulated Streamflows
Much Below to Average but augmented by
Reservoirs.



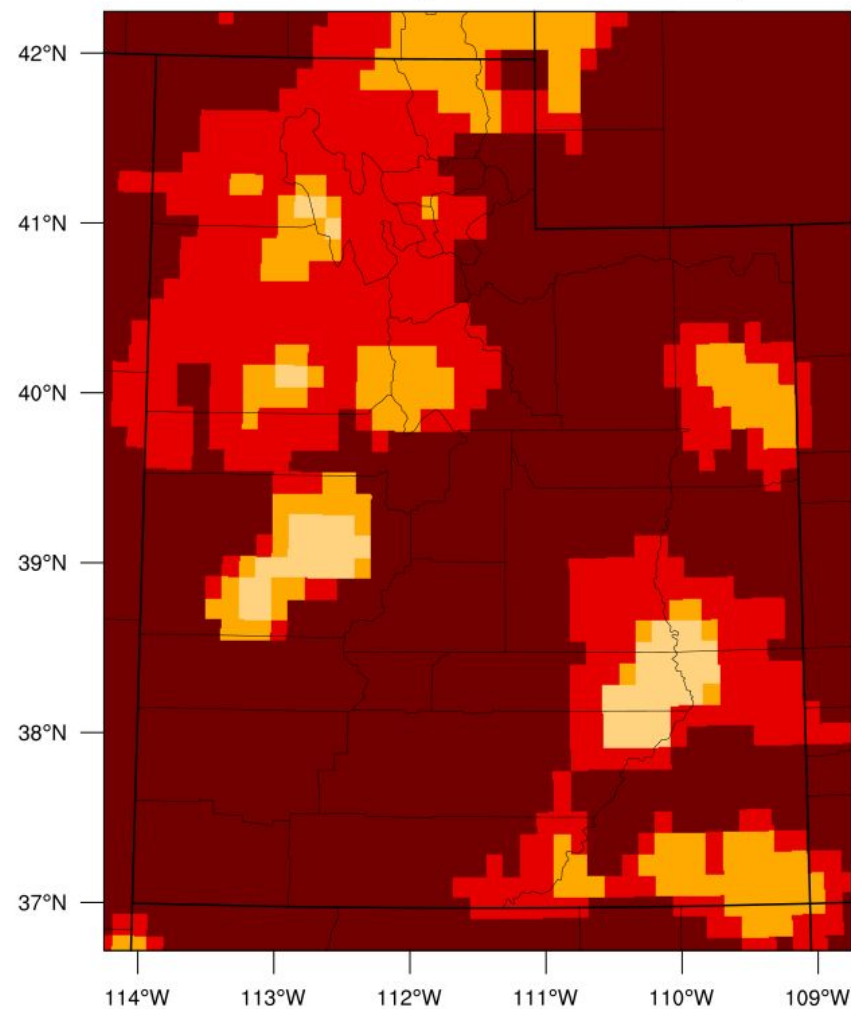
Explanation - Percentile classes							
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked

Observed, UnRegulated
Streamflows 6mo Avg.
Majority of reaches 25-50% of Normal
Reservoirs.



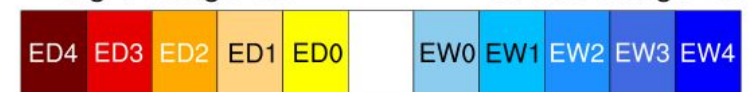


2-month EDDI categories for October 29, 2020



Drought categories

Wetness categories



100% 98% 95% 90% 80% 70% 30% 20% 10% 5% 2% 0%

(EDDI-percentile category breaks: 100% = driest; 0% = wettest)