



Utah Drought Monitor Webinar

The meeting will begin shortly



Thank you to our contributors

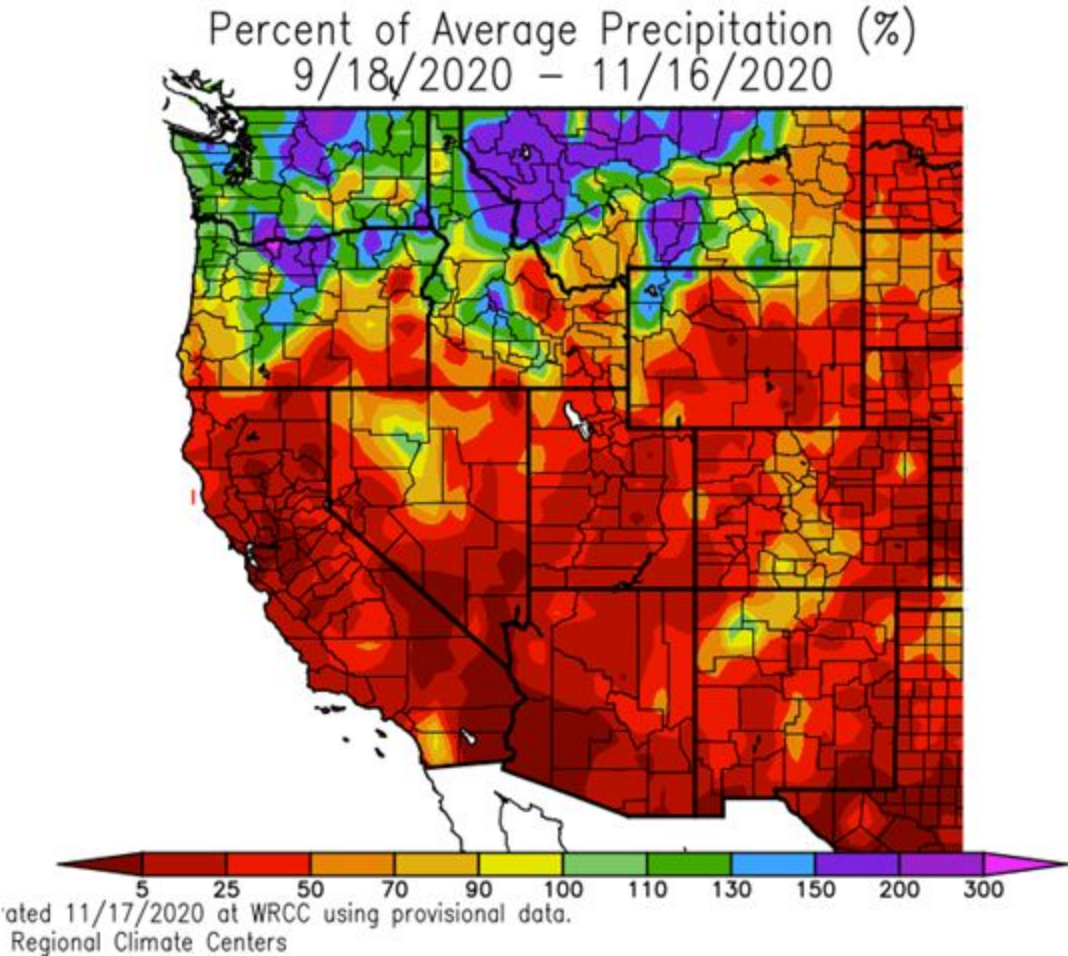
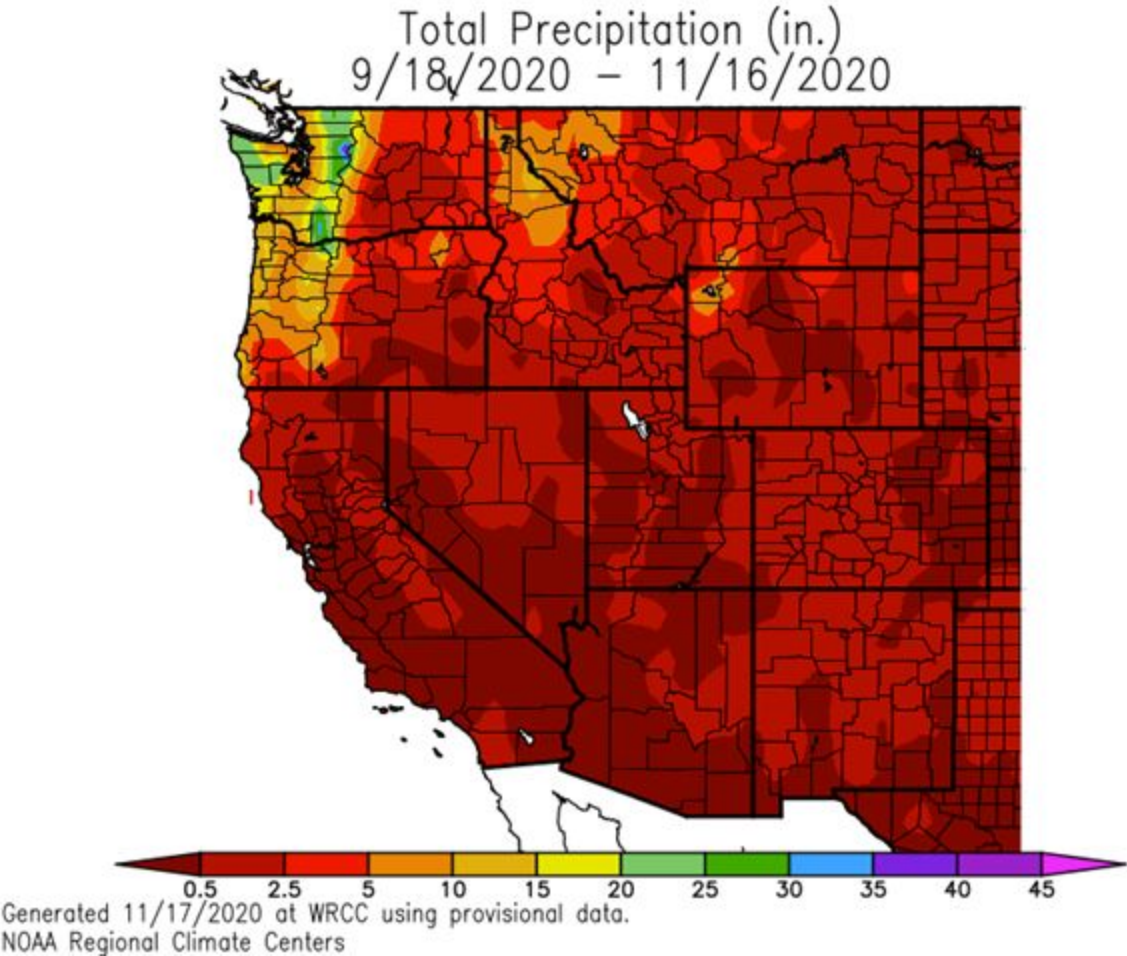




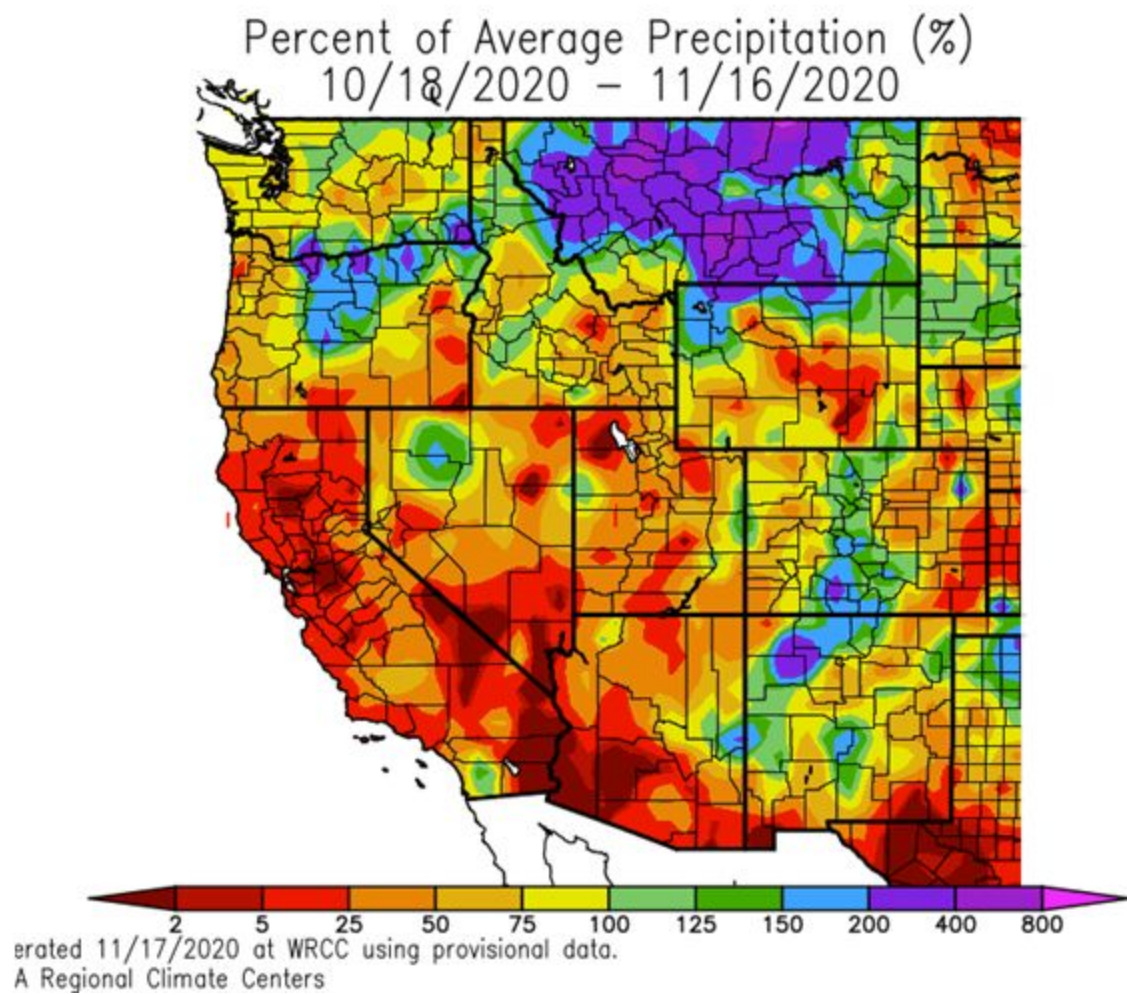
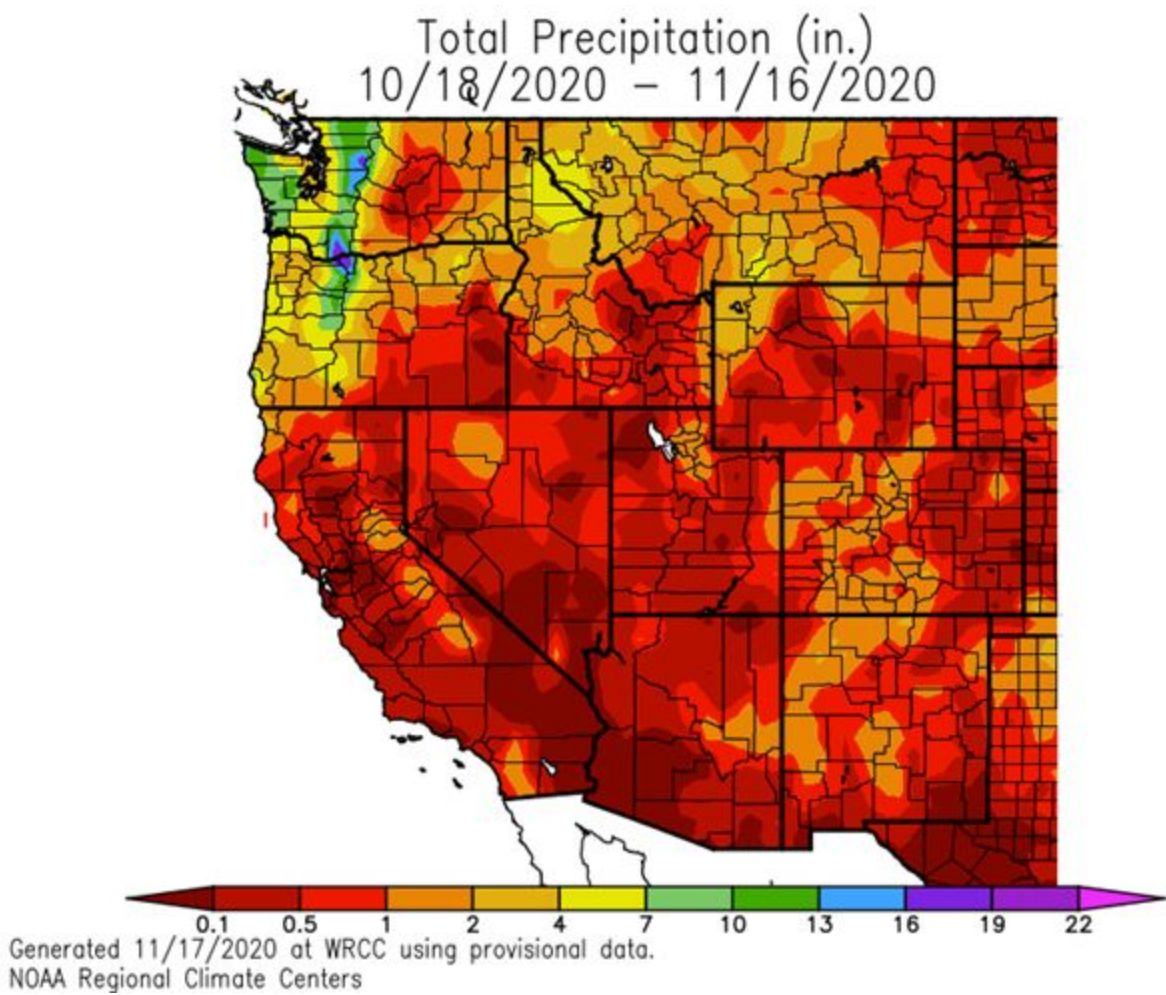
Utah Drought Monitor Webinar

November 17, 2020

Precipitation 60 day history (Percent of Average)

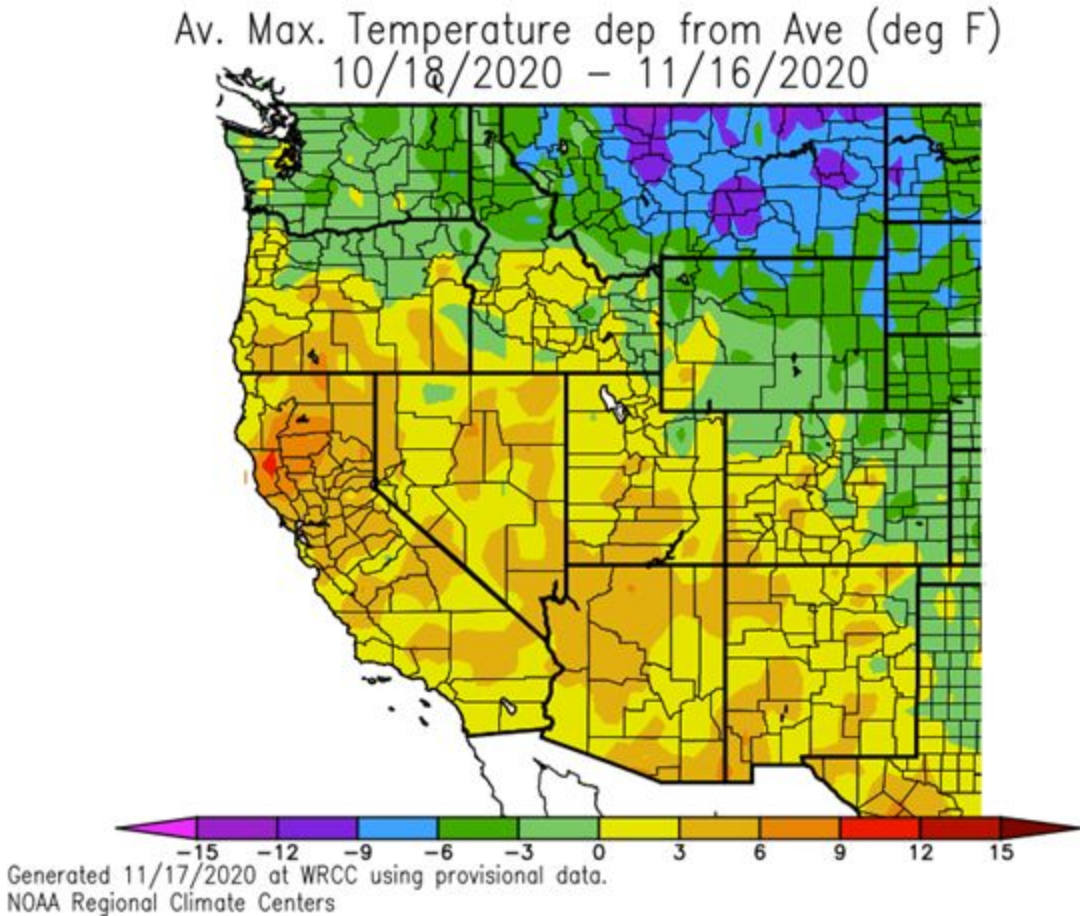
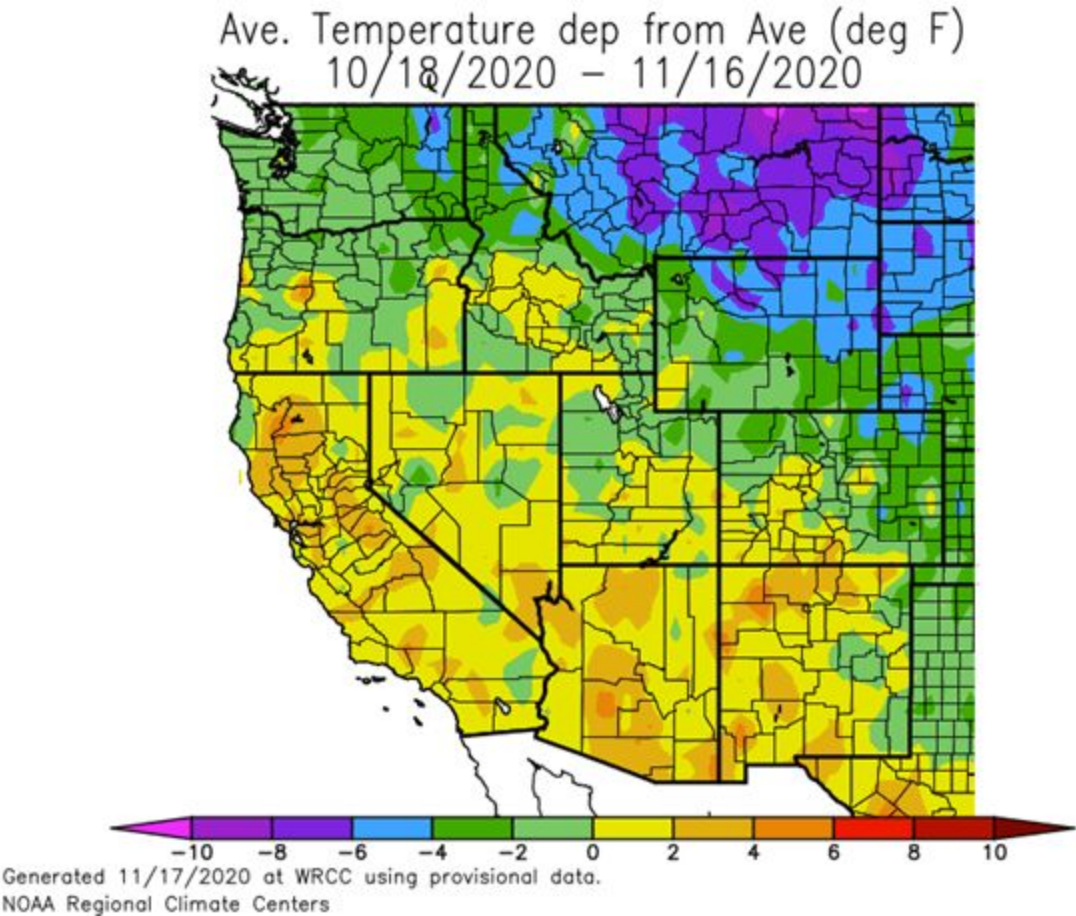


Precipitation 30 day history (Percent of Average)



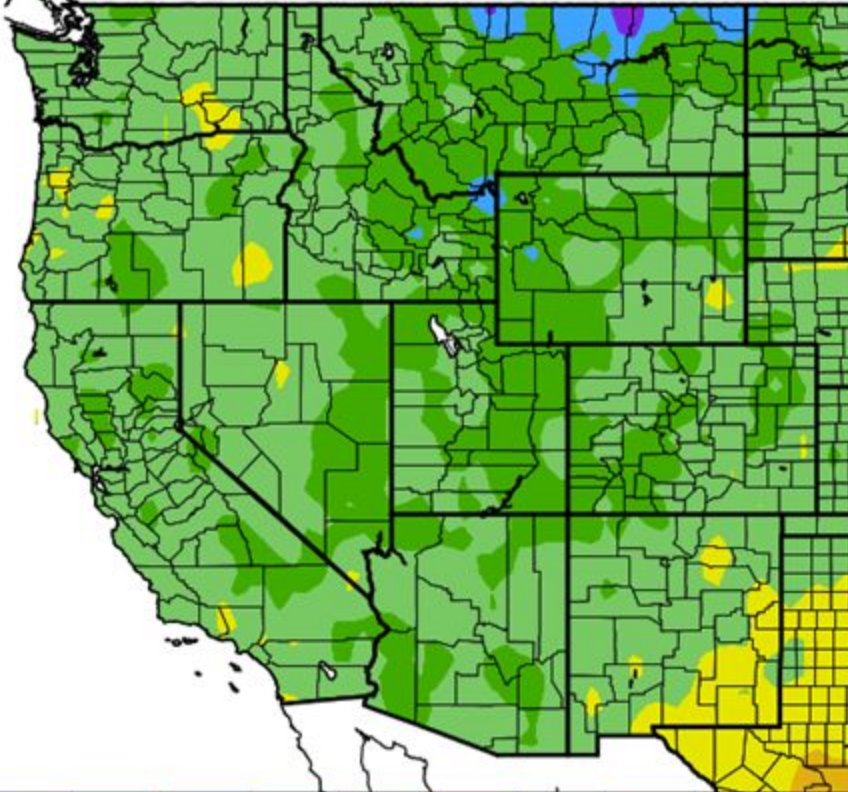
Agency -
Presenter -

Temperature 30 day (Related to Average)



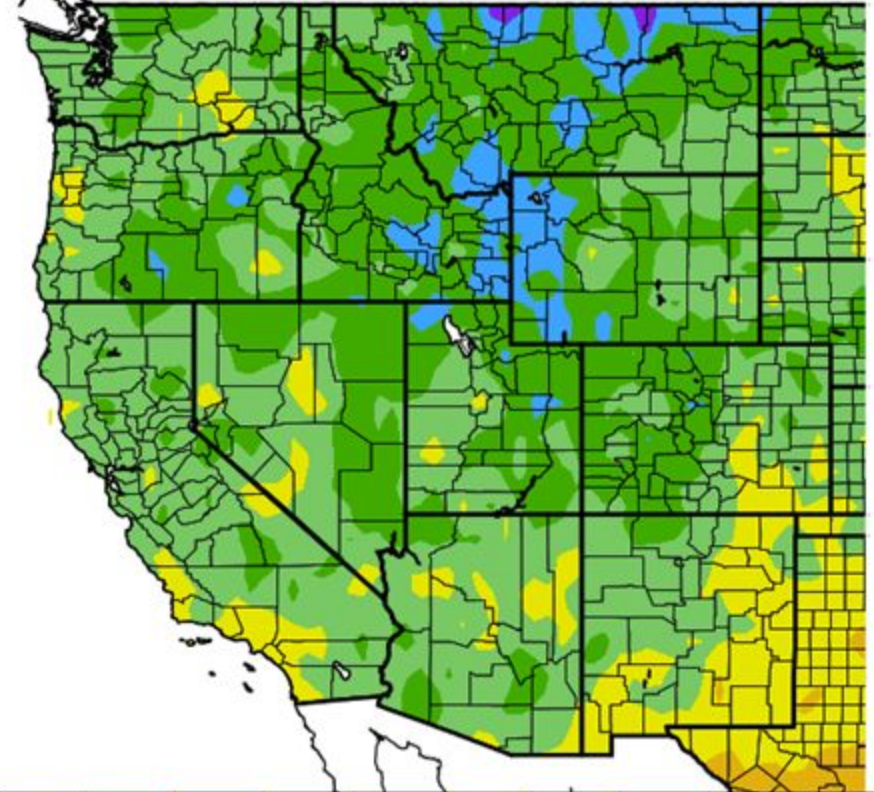
Temperature 7 day (Related to Average)

Ave. Temperature dep from Ave (deg F)
11/1Q/2020 – 11/16/2020



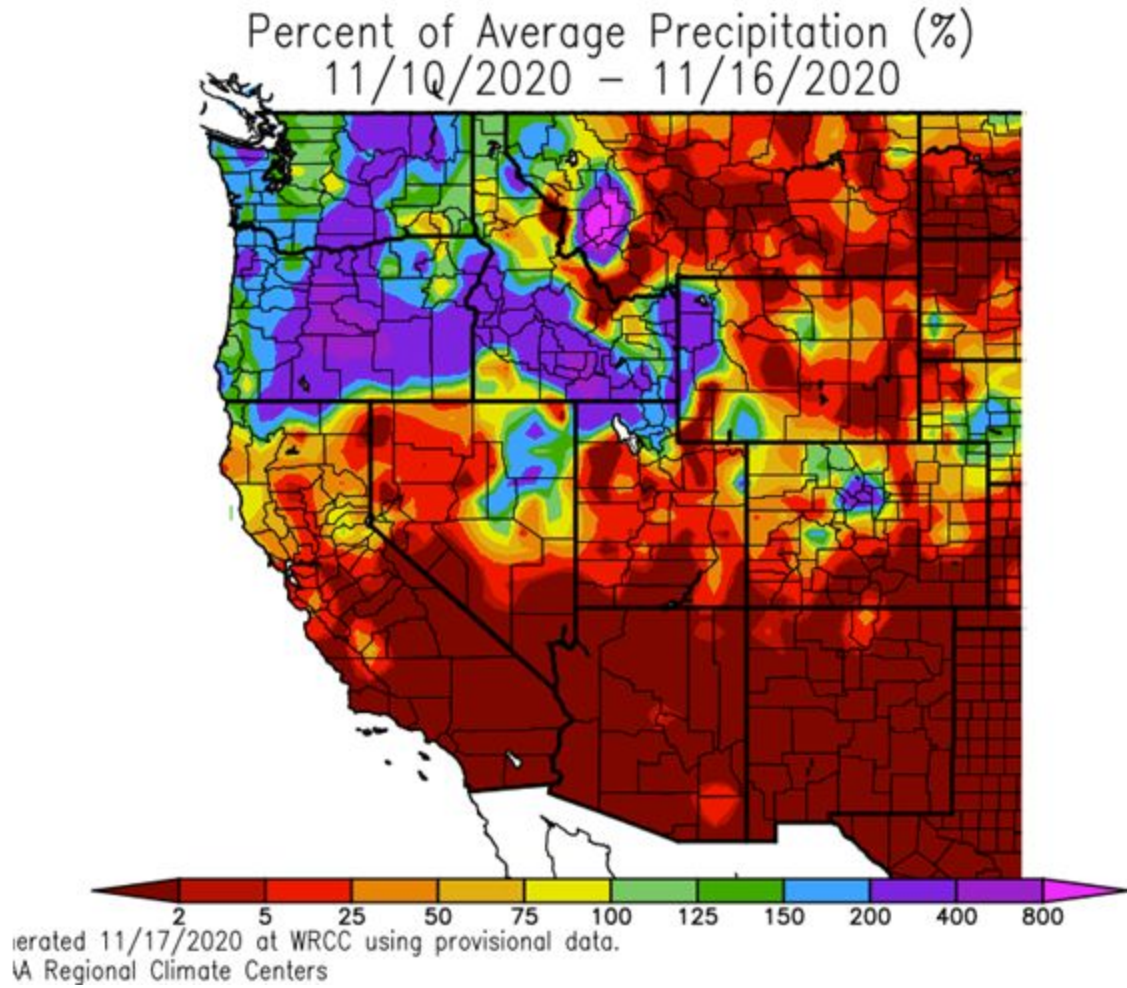
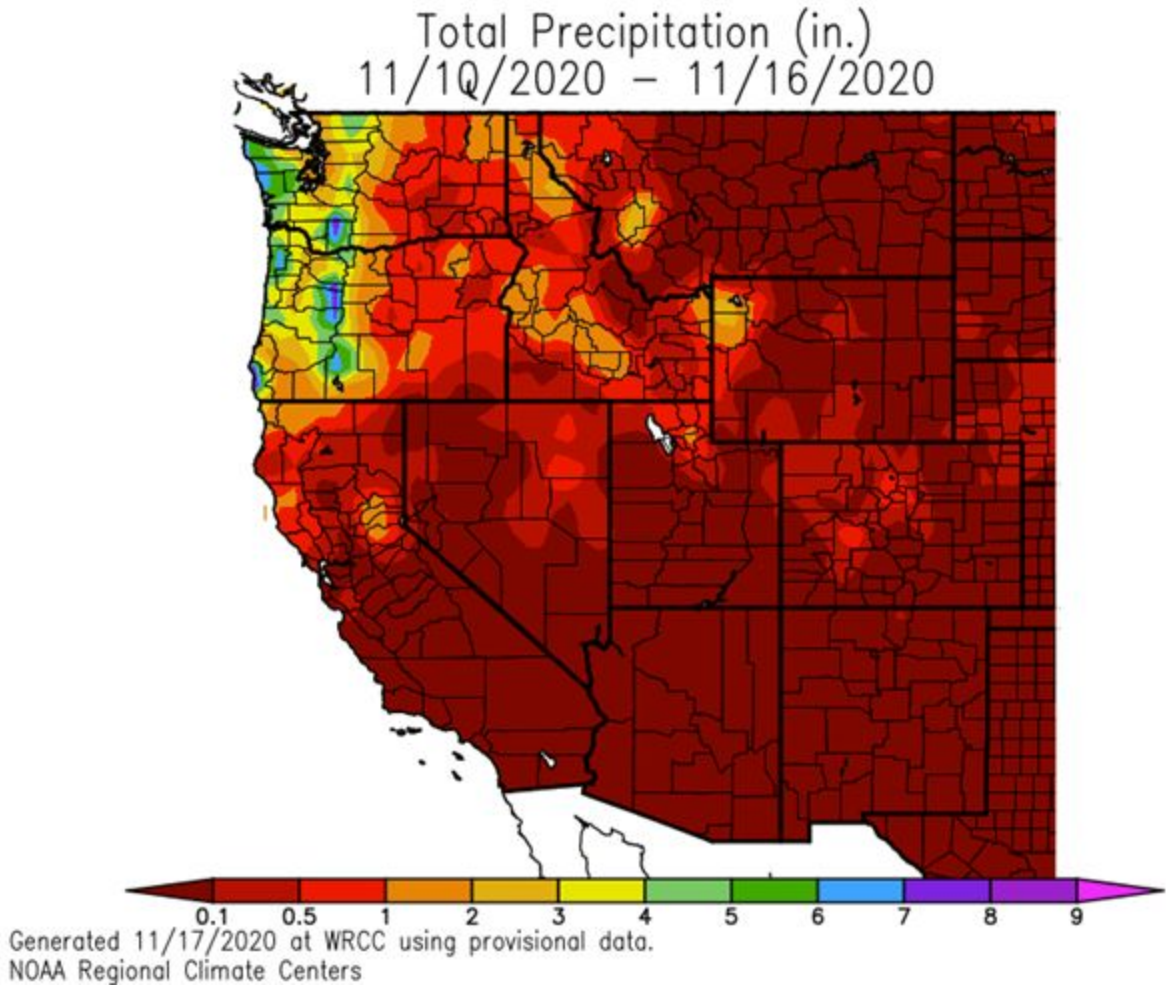
Generated 11/17/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
11/1Q/2020 – 11/16/2020

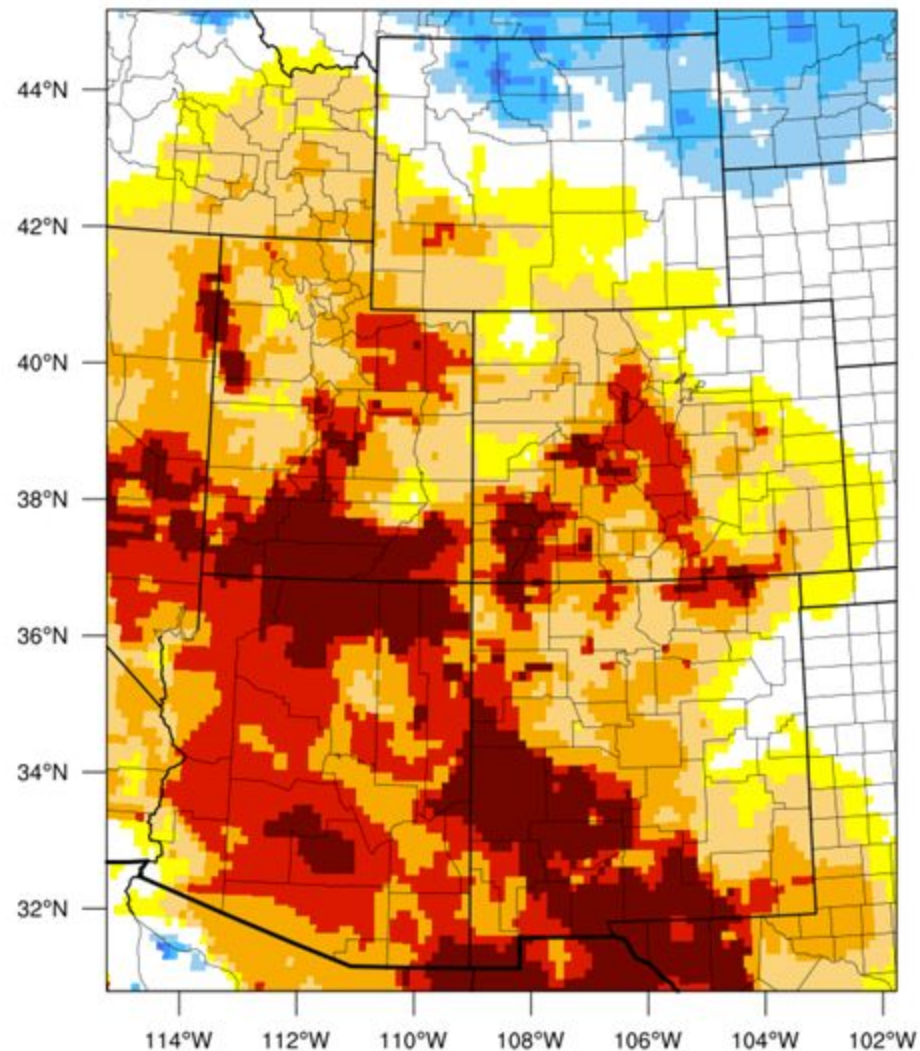


Generated 11/17/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Precipitation 7 day history (Percent of Average)

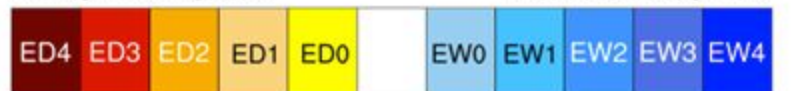


4-week EDDI categories for November 13, 2020



Drought categories

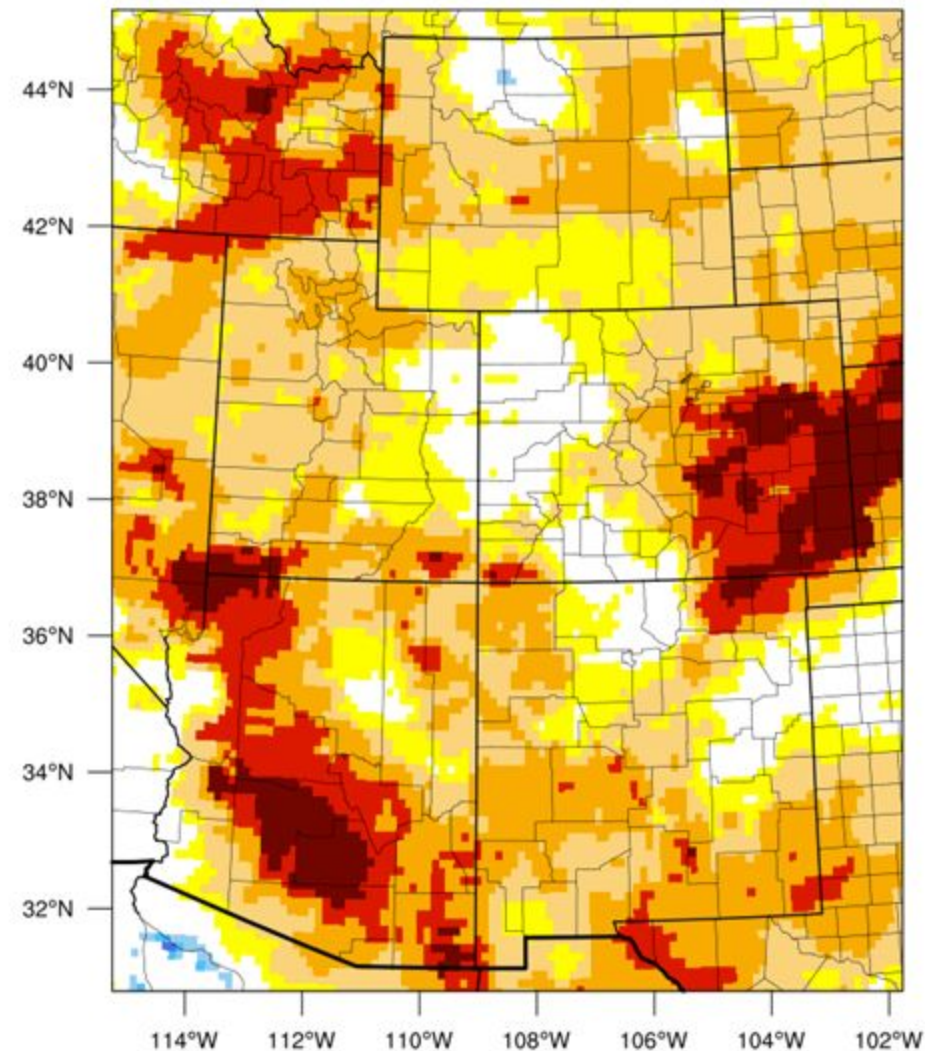
Wetness categories



100% 98% 95% 90% 80% 70% 30% 20% 10% 5% 2% 0%
(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

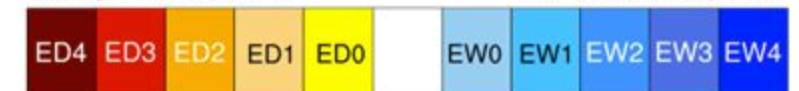
Generated by NOAA/ESRL/Physical Sciences Laboratory

2-week EDDI categories for November 13, 2020



Drought categories

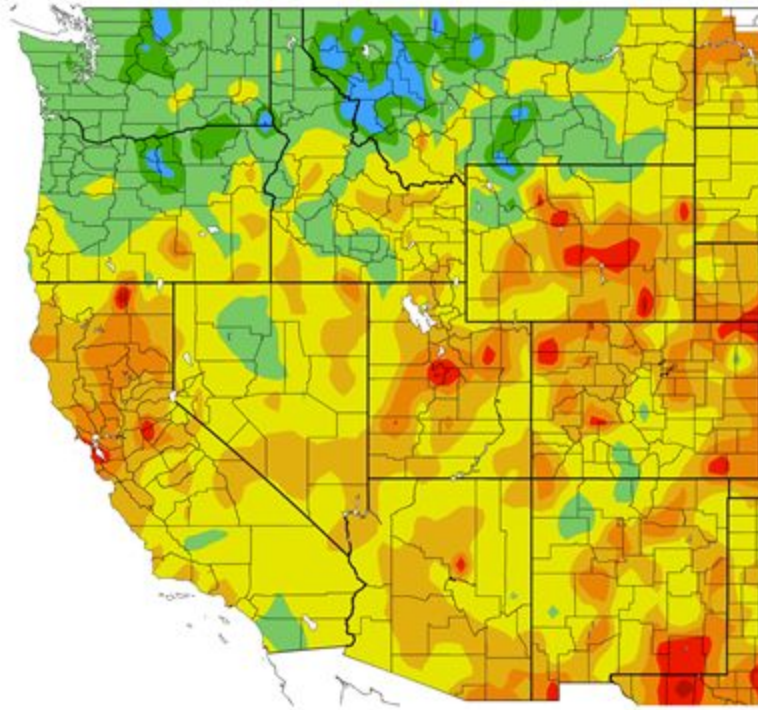
Wetness categories



100% 98% 95% 90% 80% 70% 30% 20% 10% 5% 2% 0%
(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

Generated by NOAA/ESRL/Physical Sciences Laboratory

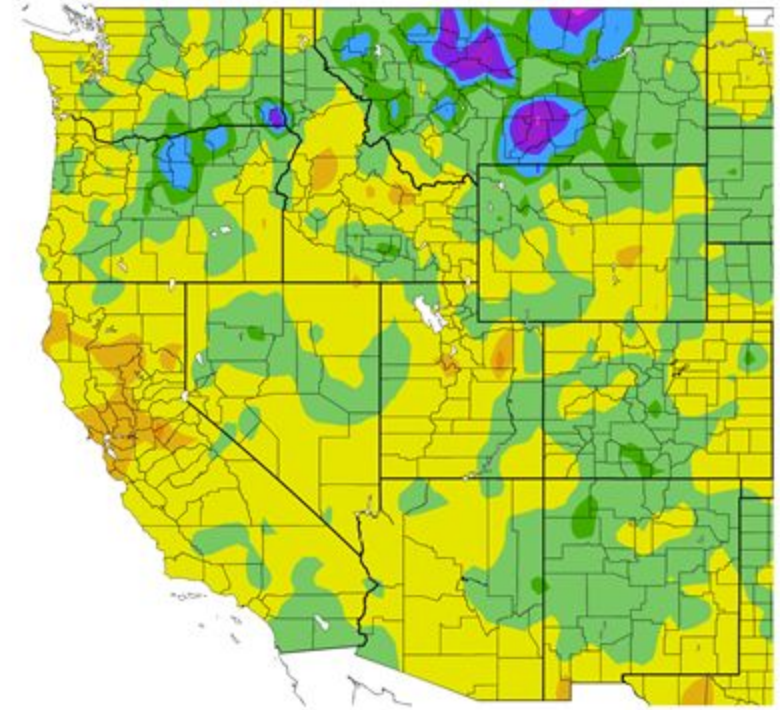
60 Day SPI
9/18/2020 - 11/16/2020



Generated 11/17/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

30 Day SPI
10/18/2020 - 11/16/2020



Generated 11/17/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

Surface station Observations: Last two days

CoCoRaHS

UCC Stations

Agency - Utah Climate Center

Presenter - Jon Meyer

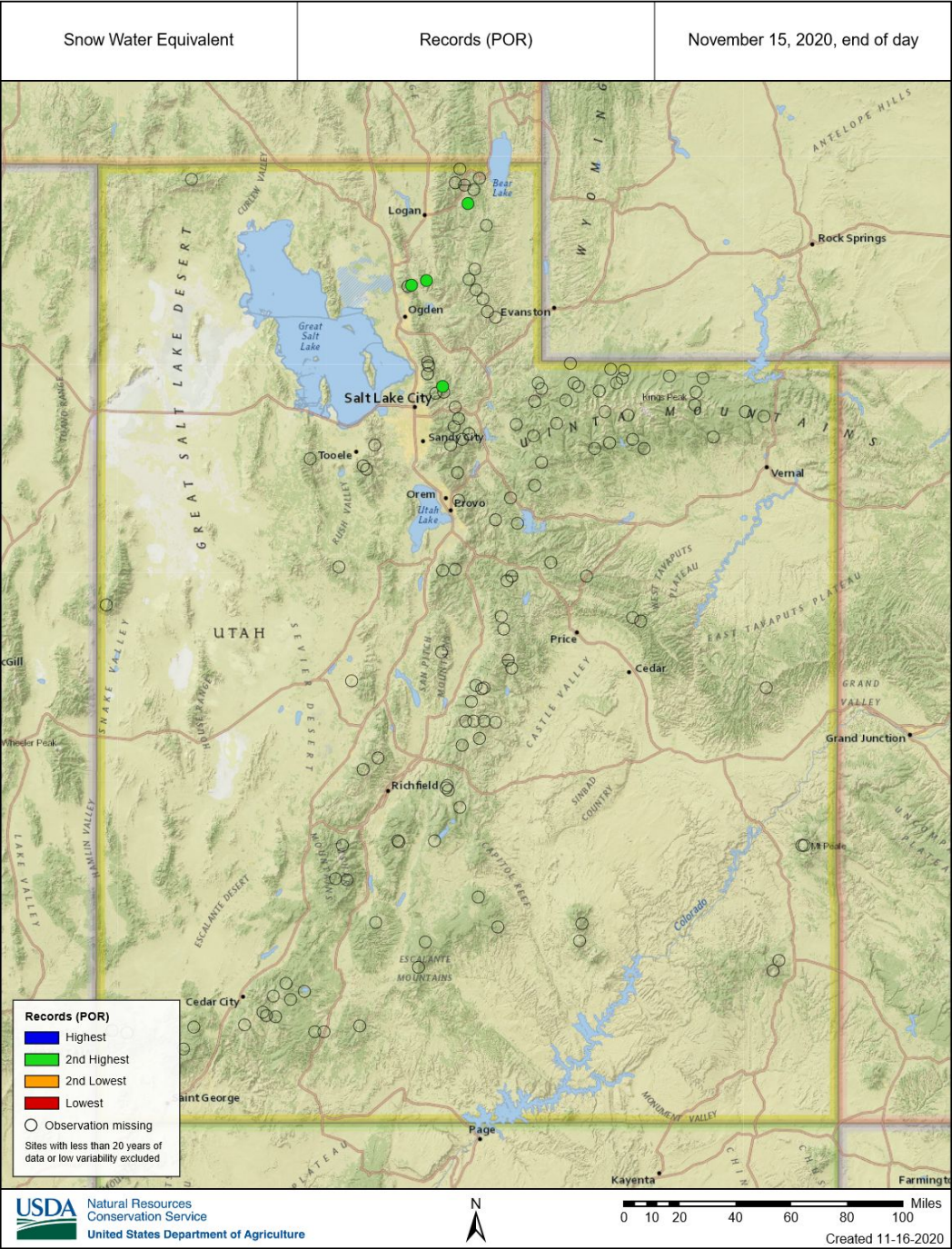
Drought Indices (VegDRI, QuickDRI, EDDI, WestWide Drought Tracker @ first of month)

Snowpack conditions

Too early to assess % normal, but...
Northern Utah off to good start

4 SNOTEL sites → 2nd highest SWE rank
(compared with POR for this date)

Agency - NRCS Snow Survey
Presenter - Kent Sutcliffe

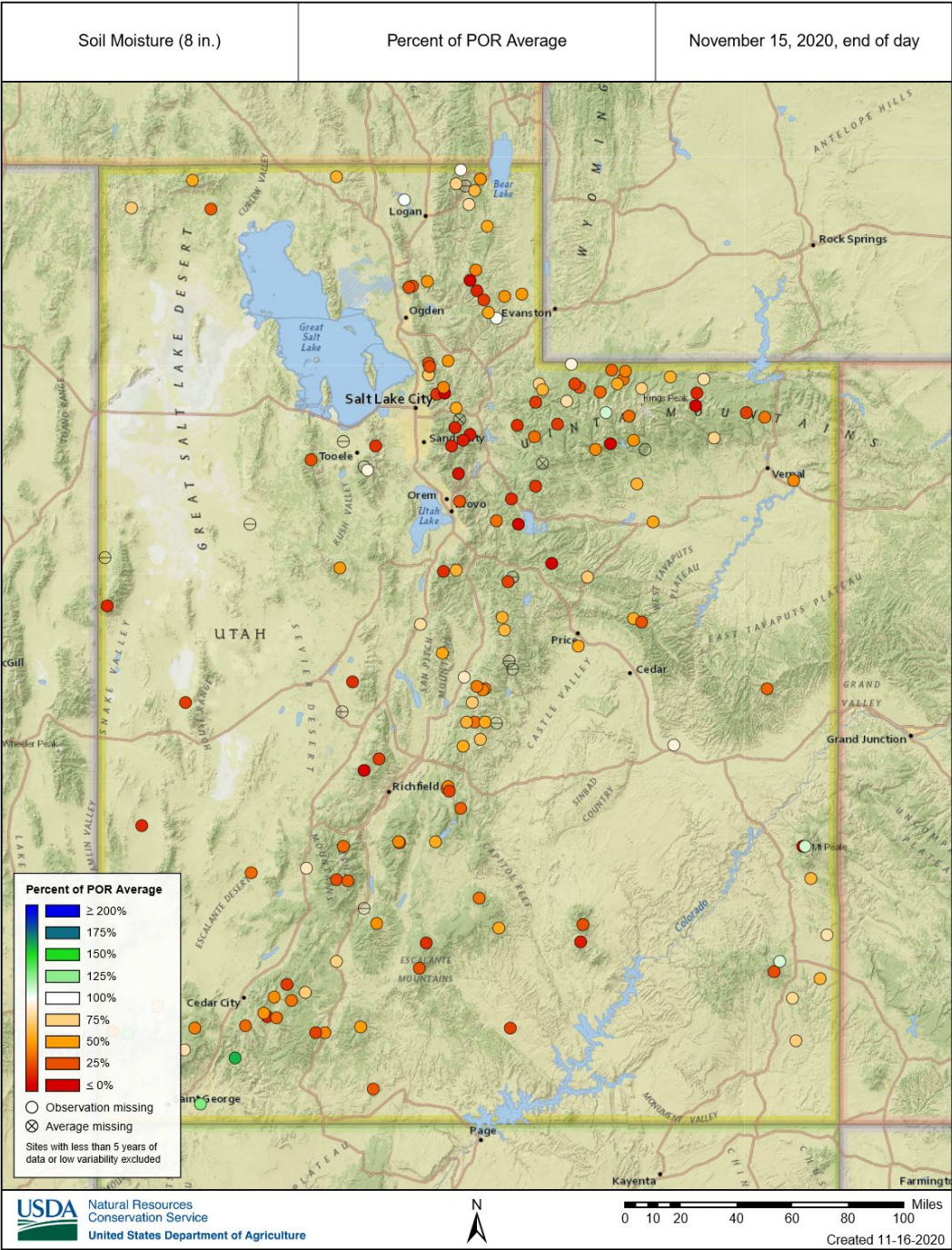


Soil Moisture (Current)

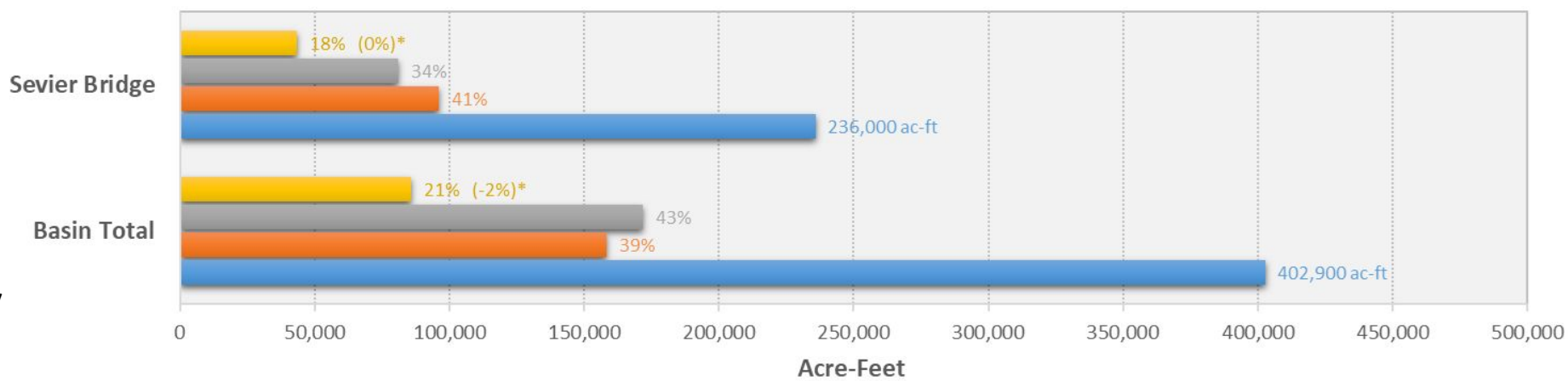
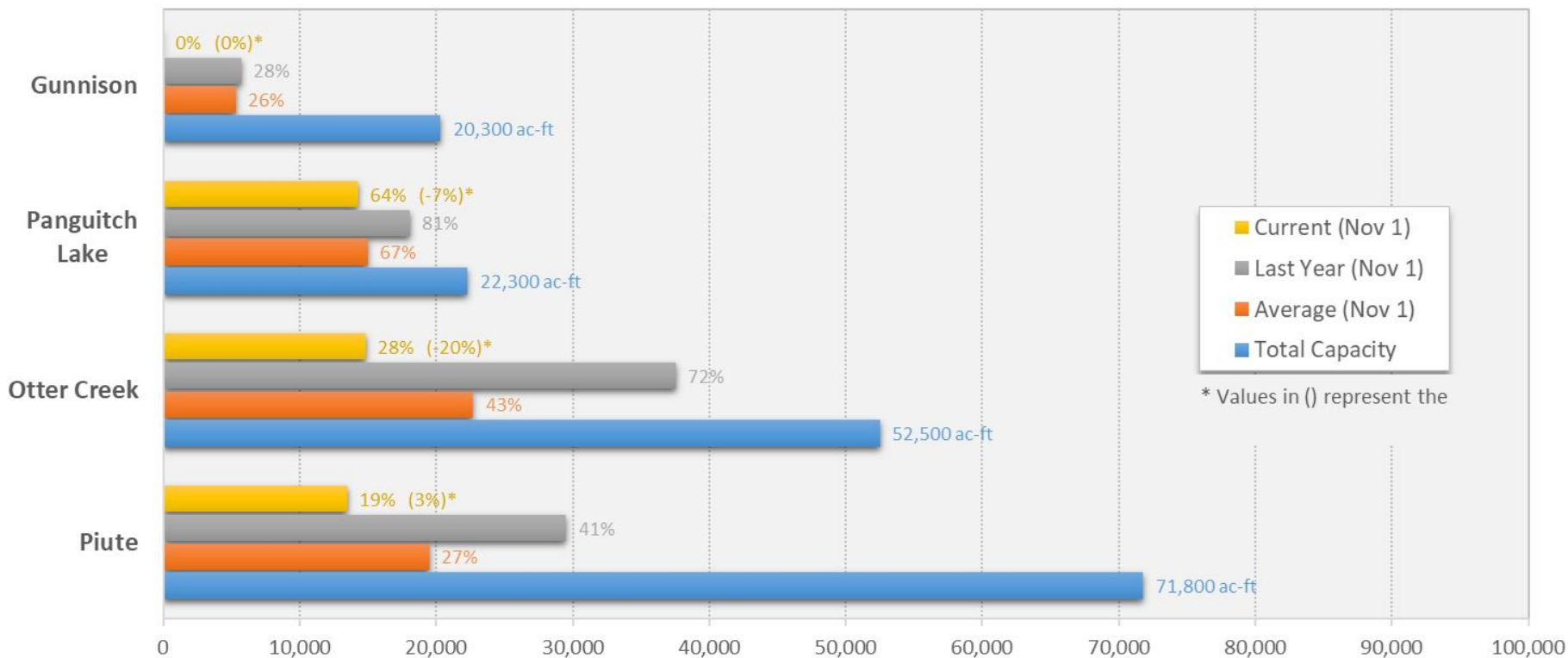
Mountain & Valley locations
(SNOTEL & SCAN)
8" sensor depth

Extremely dry soils will reduce
efficiency of snowmelt runoff next
spring.

Agency - NRCS Soil Survey
Presenter - Kent Sutcliffe

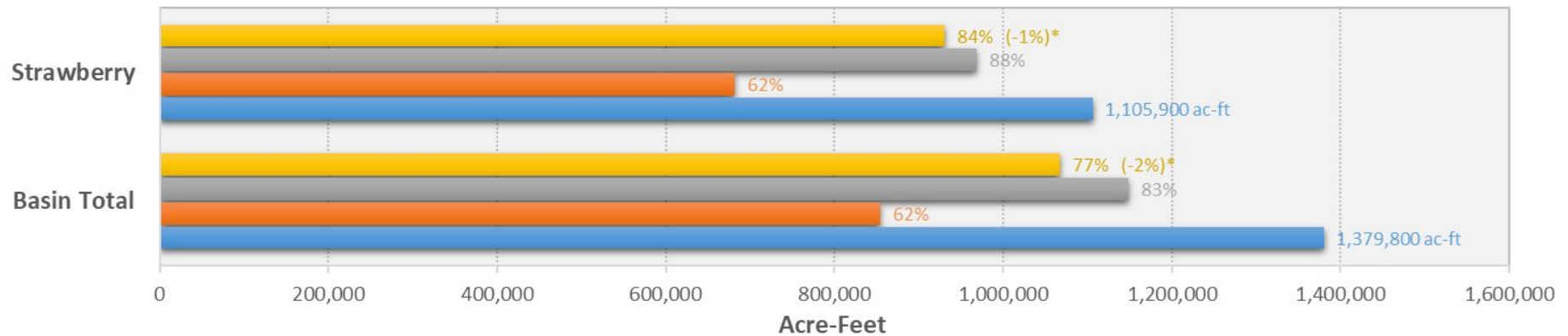
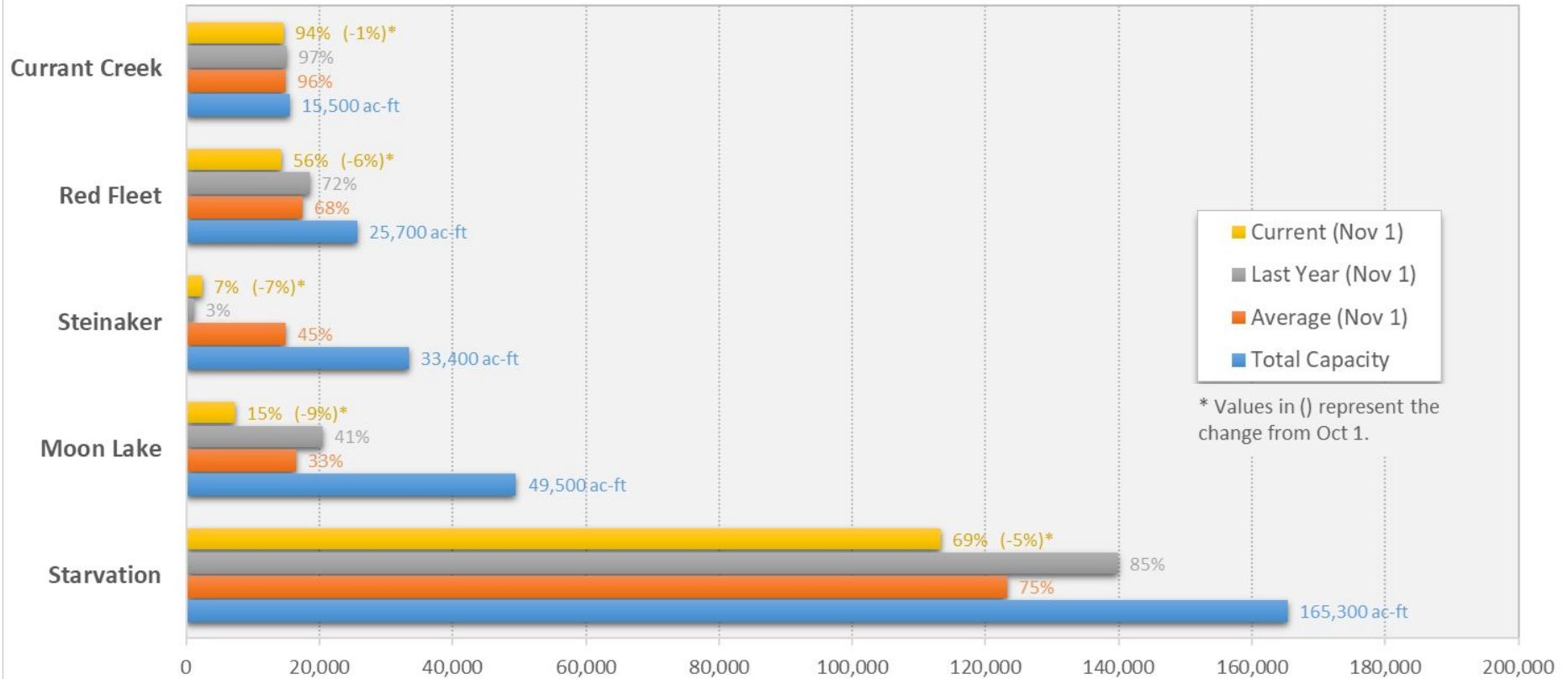


Sevier River Basin Reservoir Storage (Nov 1)



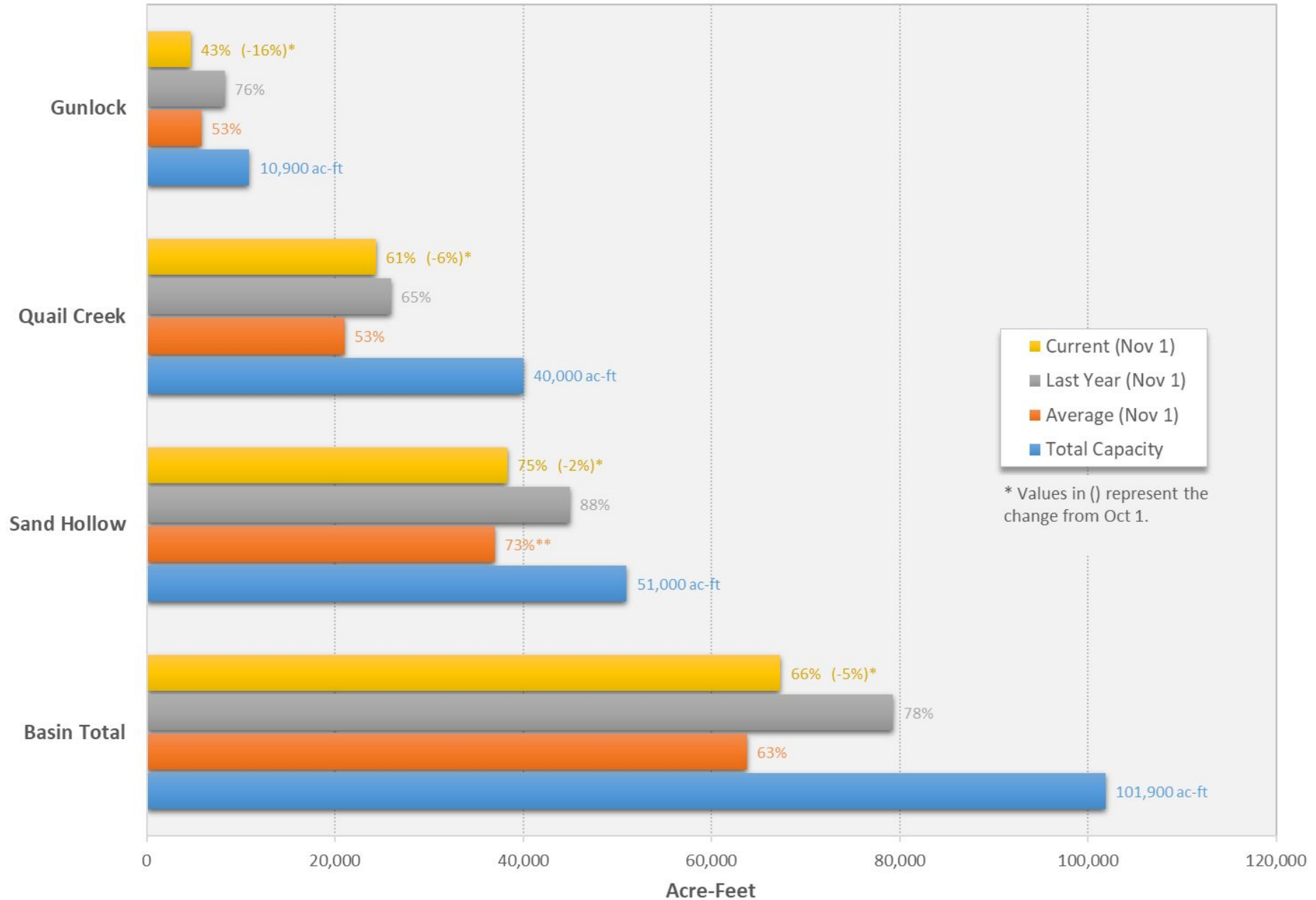
Agency - Division of
Water Resources w/
NRCS data

Uintah Basin Reservoir Storage (Nov 1)

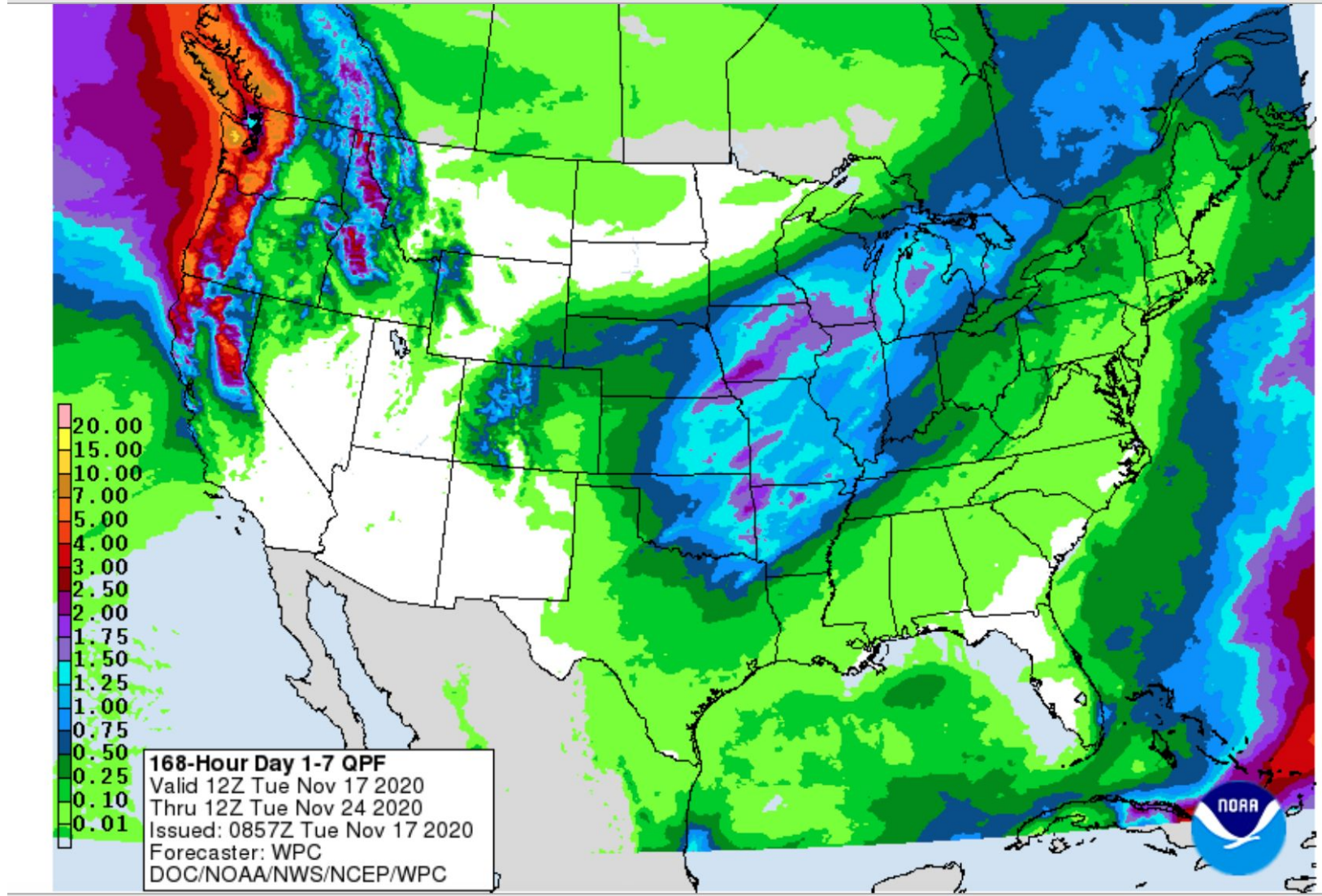
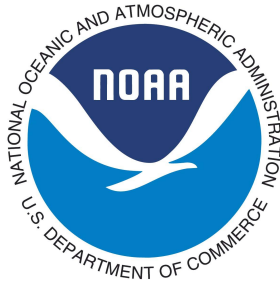


Agency - Division of
Water Resources w/
NRCS data

Virgin River Basin Reservoir Storage (Nov 1)



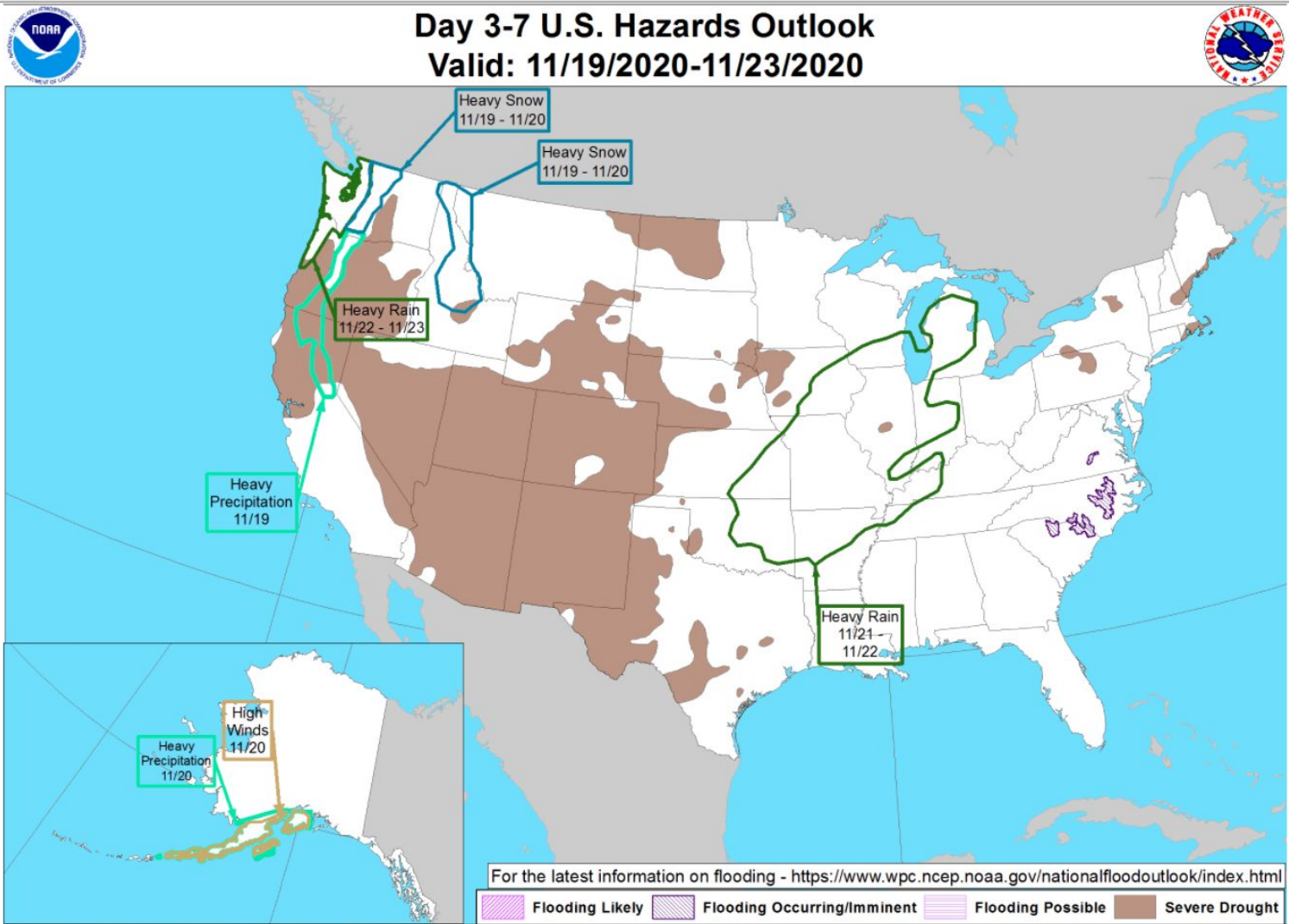
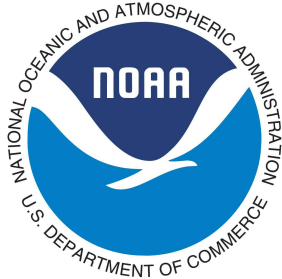
Weather Forecast Office Utah Day 1-7 Outlook



Agency - National Weather Service Weather Forecast Office

Presenter - Christine Kruse

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



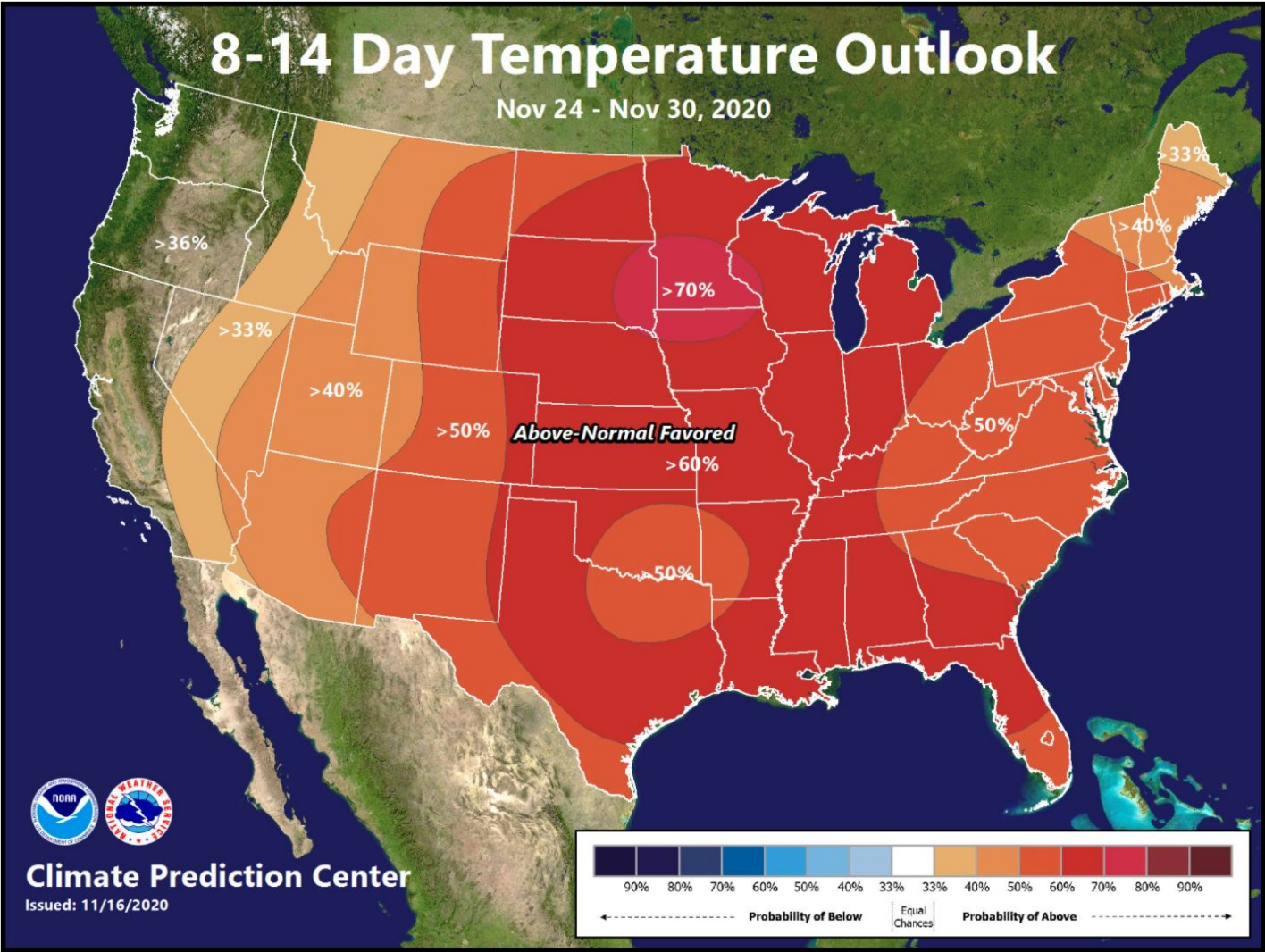
Weather Prediction Center

Made: 11/16/2020 3PM EST

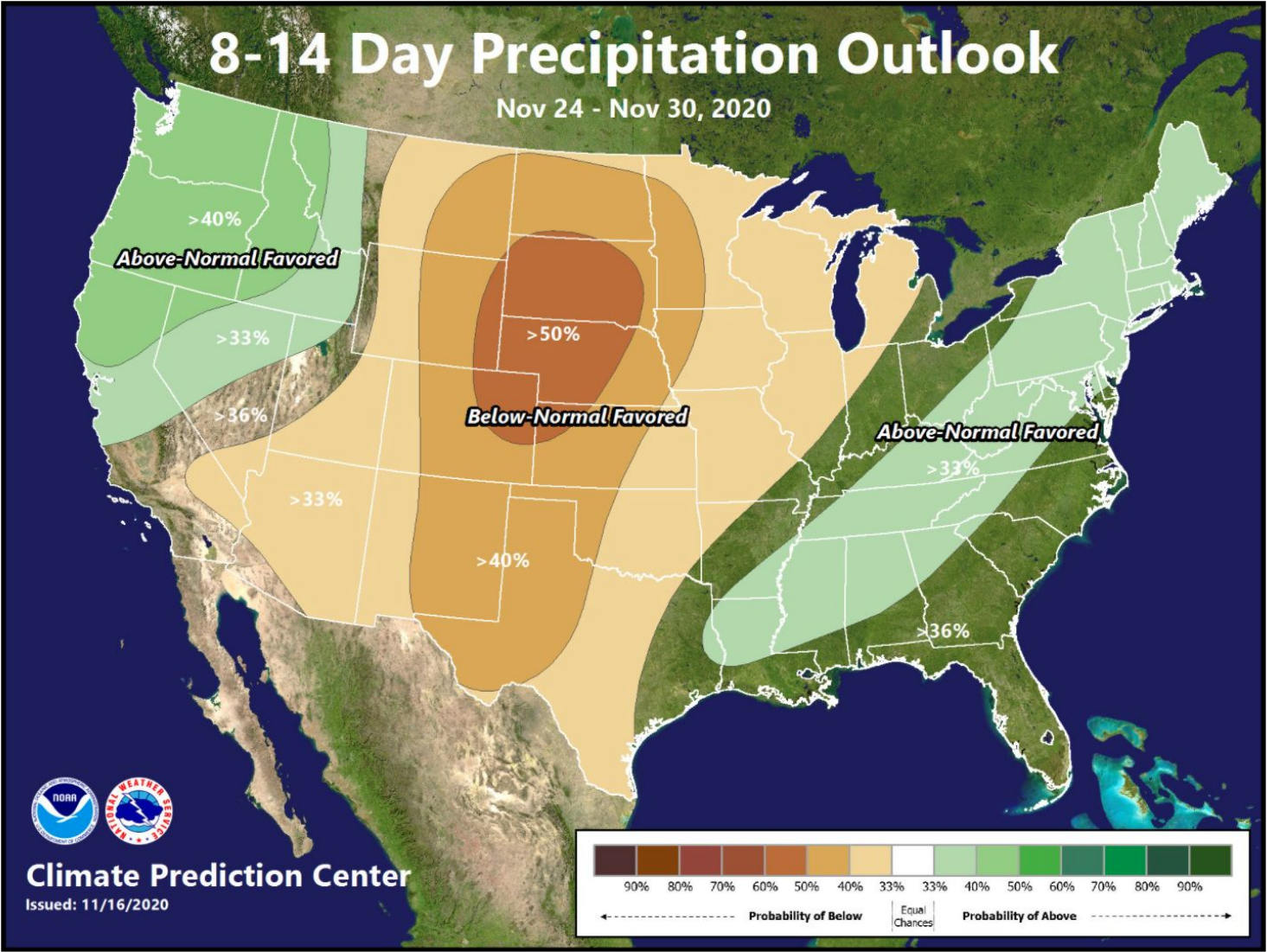
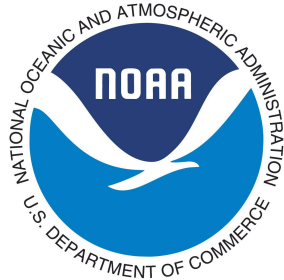
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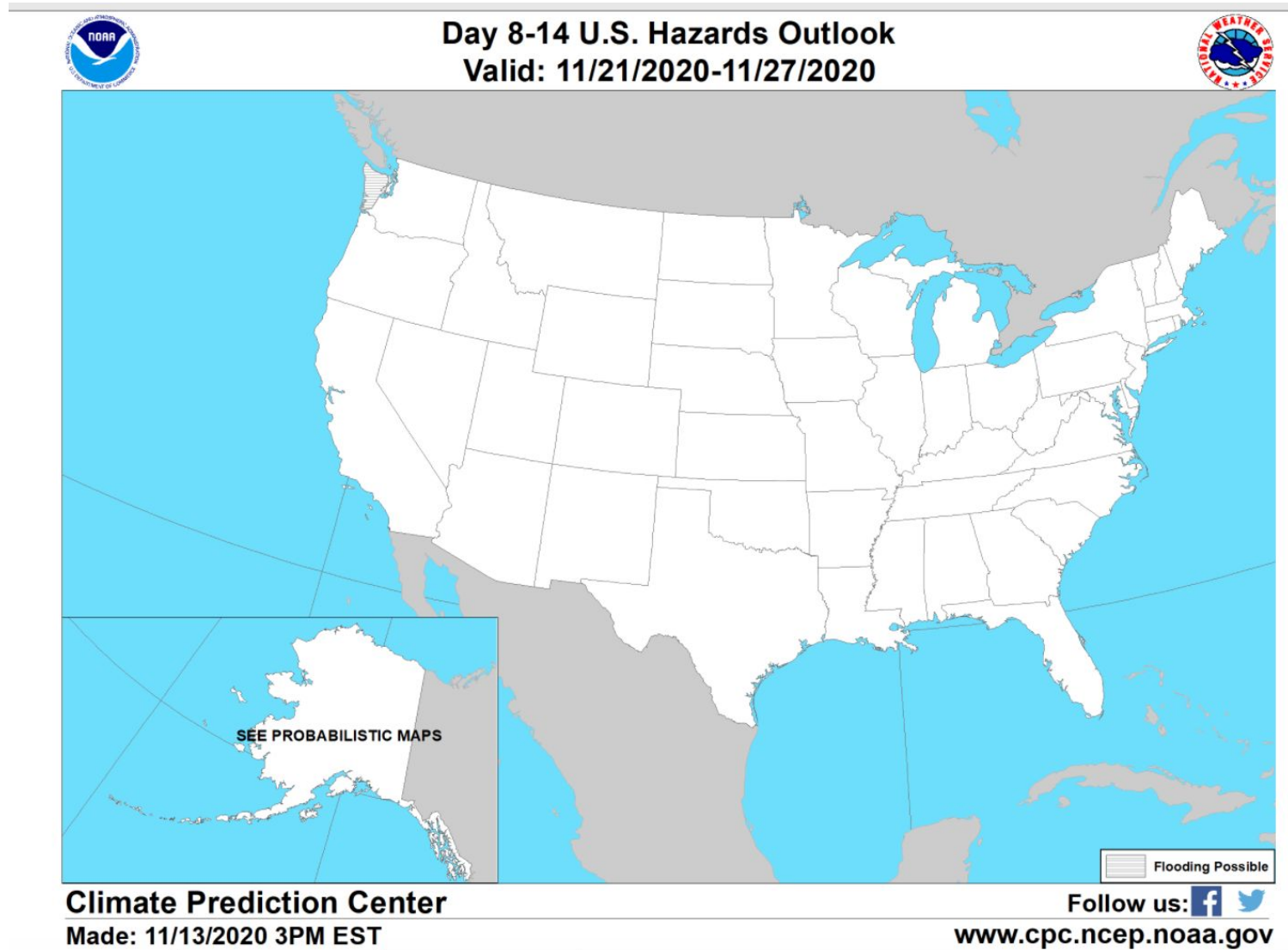
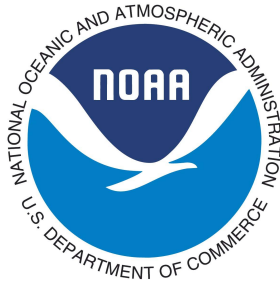
Climate Prediction Center 8 to 14 Day Outlooks - Temperature



Climate Prediction Center 8 to 14 Day Outlooks - Precipitation

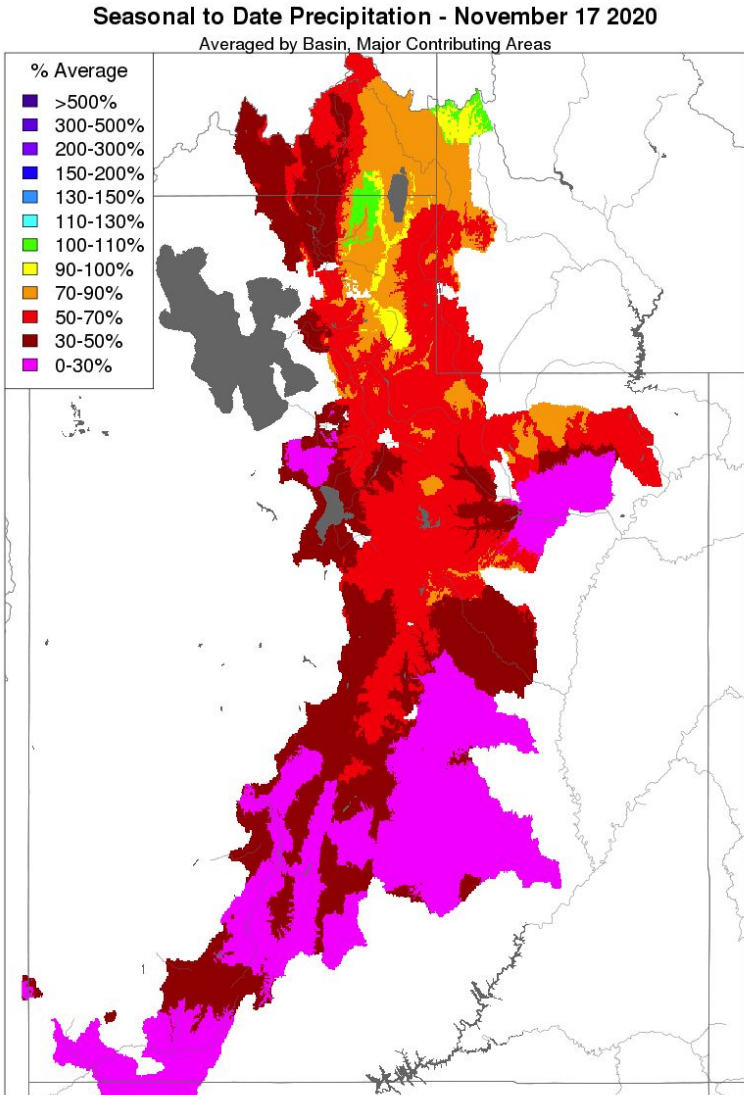
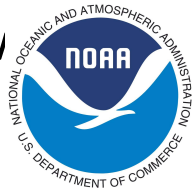


Climate Prediction Center U.S. Week-2 Hazards Outlook

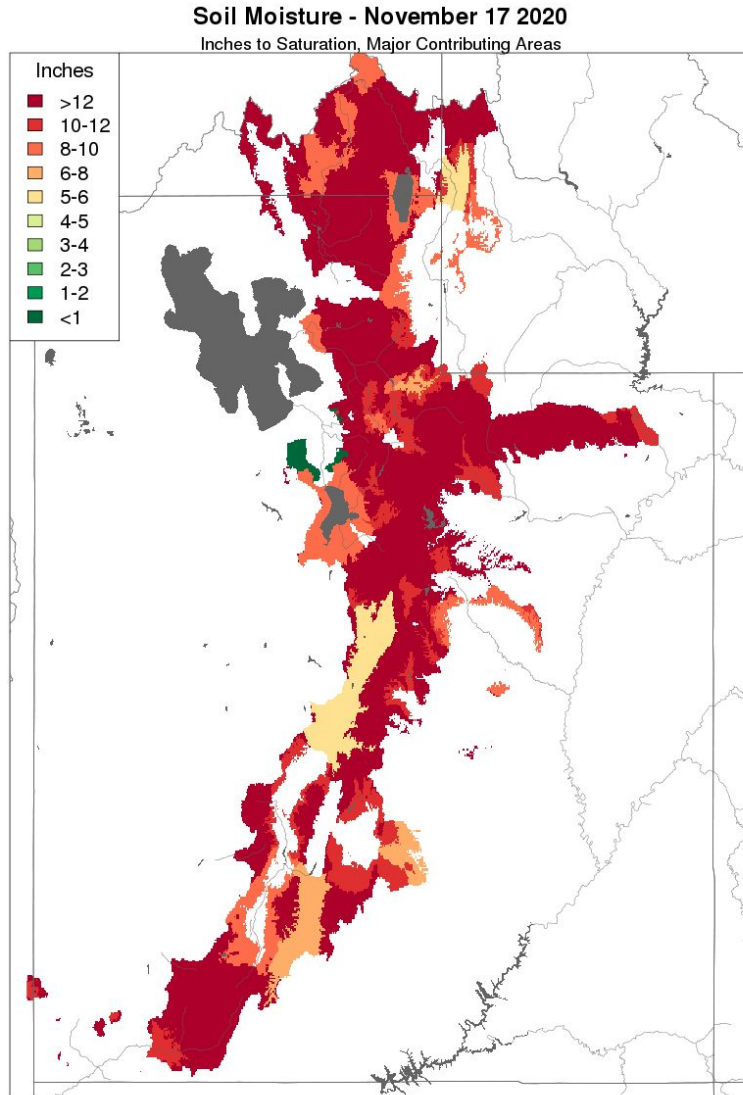


Agency - National Weather Service Weather Forecast Office
Presenter - Christine Kruse

Water Supply Forecasts Begin January 1, 2021, Situation Set for Below Average Flows w/Avg Snow

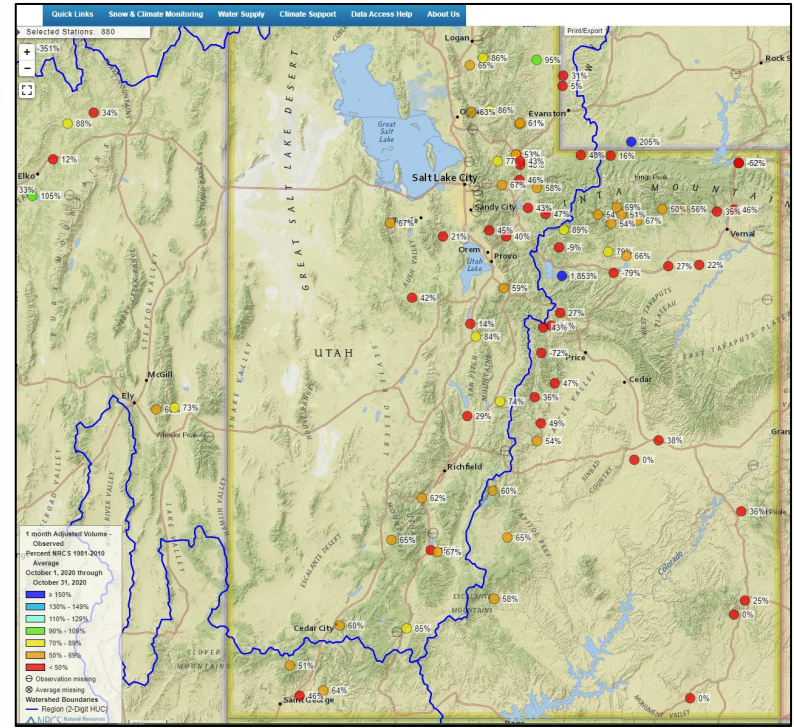


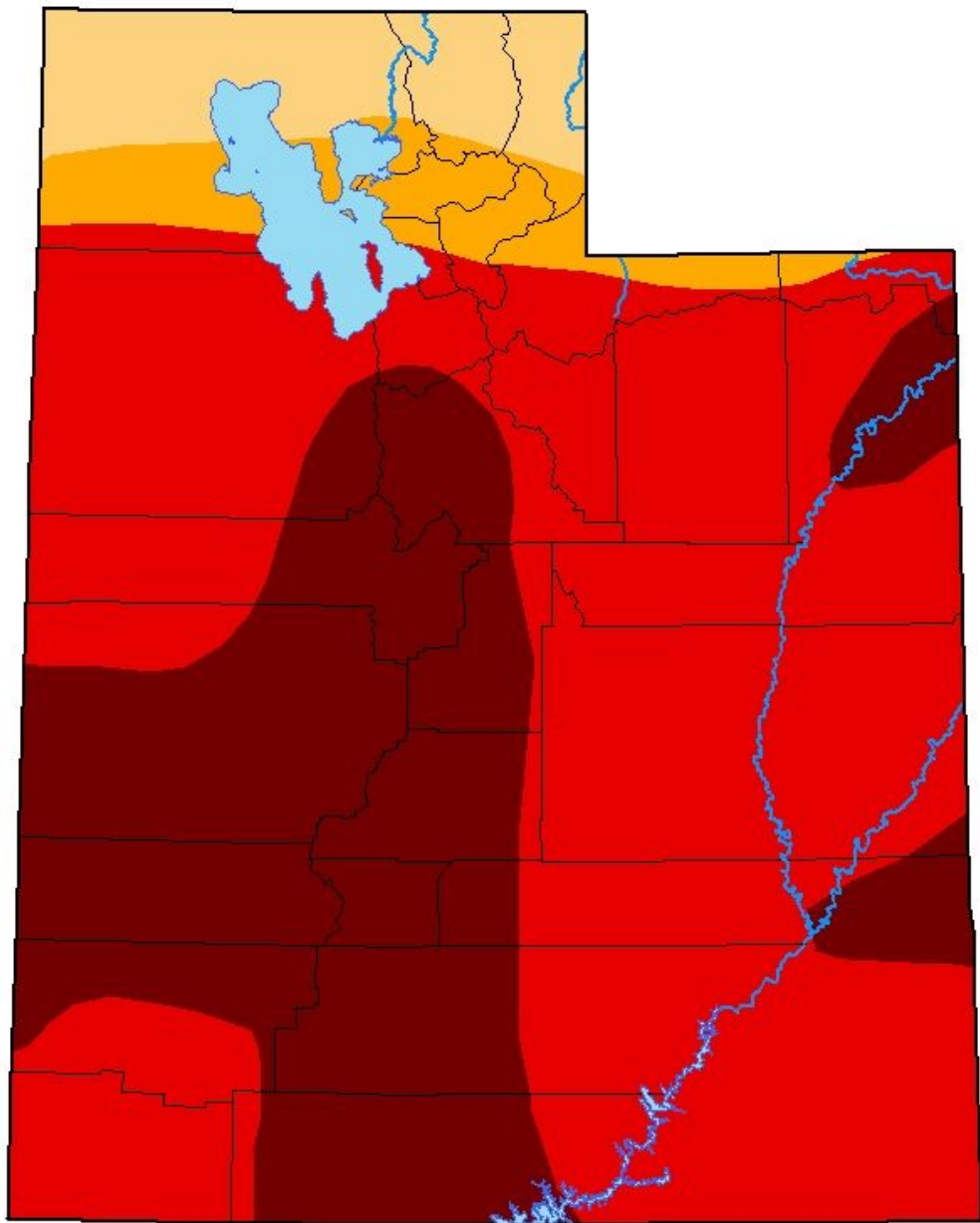
Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov



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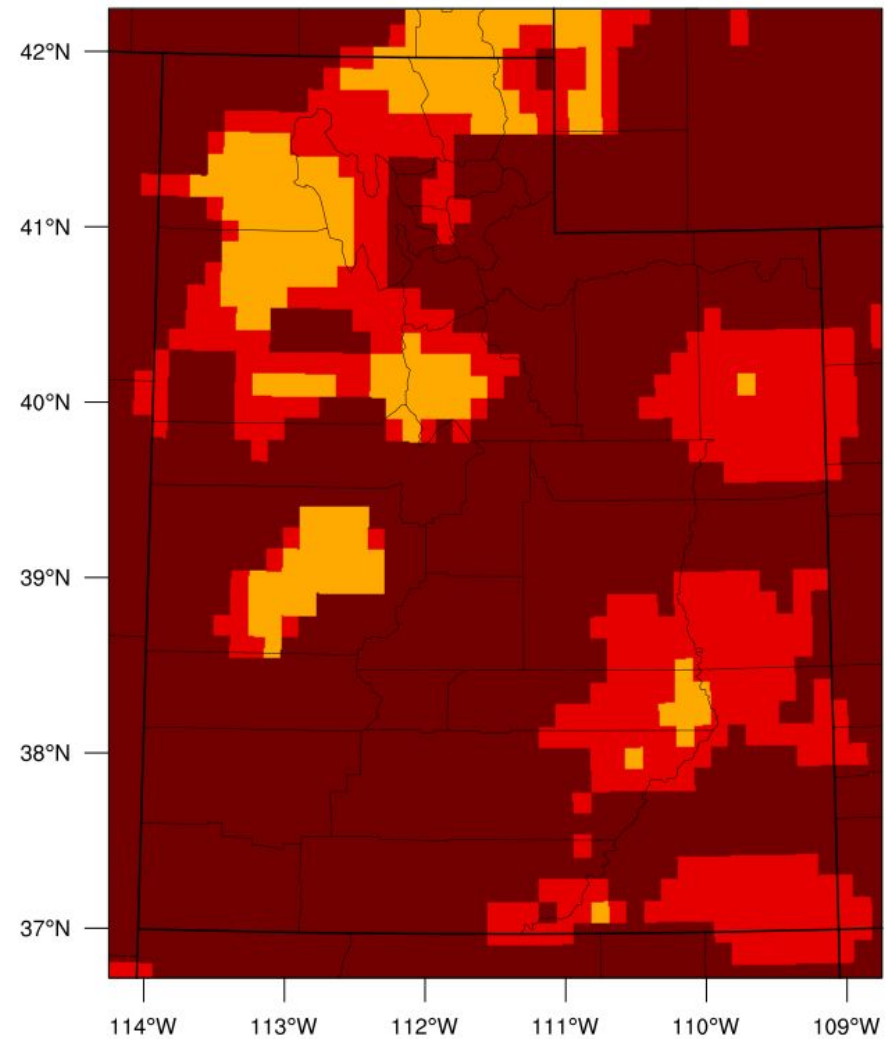
October 2020 Adjusted Flows
Majority of River Reaches <50% of Average.





November 12, 2020

3-month EDDI categories for November 12, 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)

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