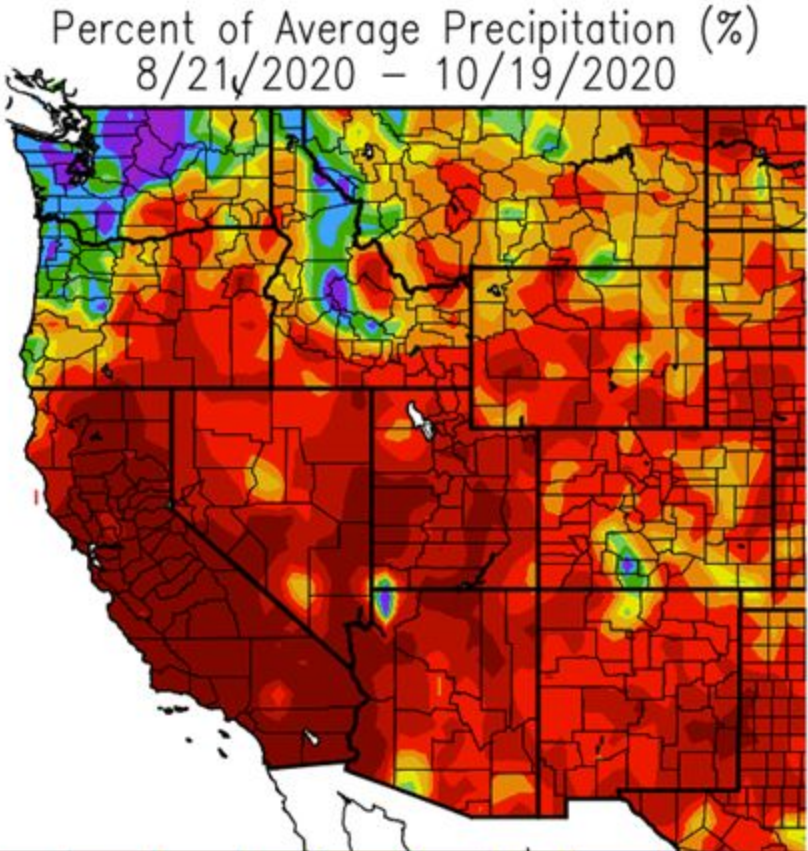
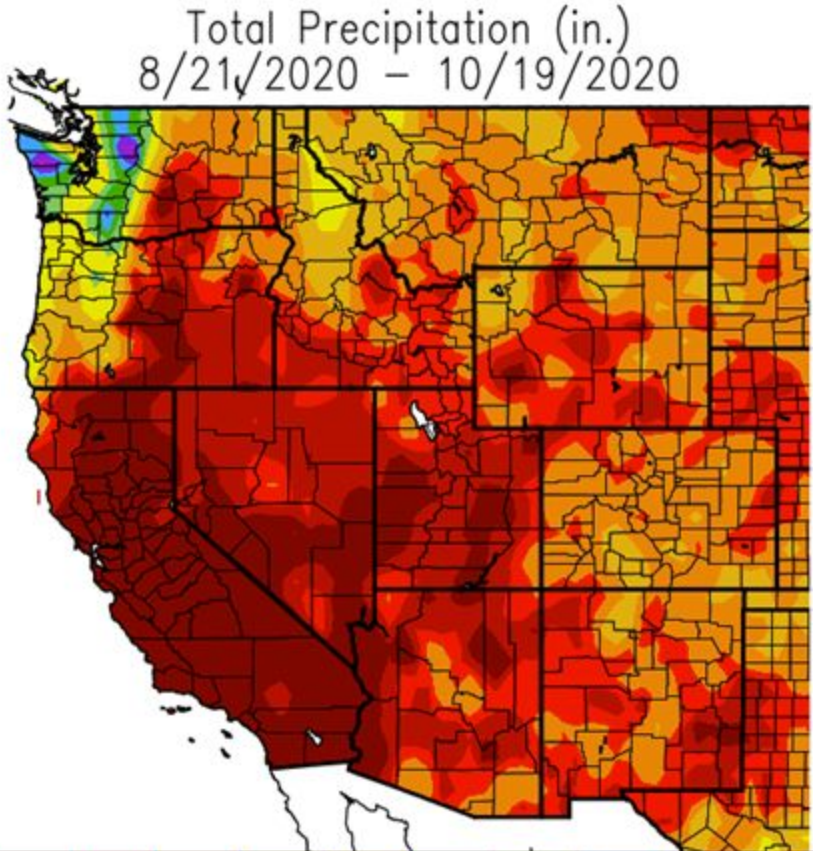




Utah Drought Monitor Webinar

October 20, 2020

Precipitation 60 day history (Percent of Average)

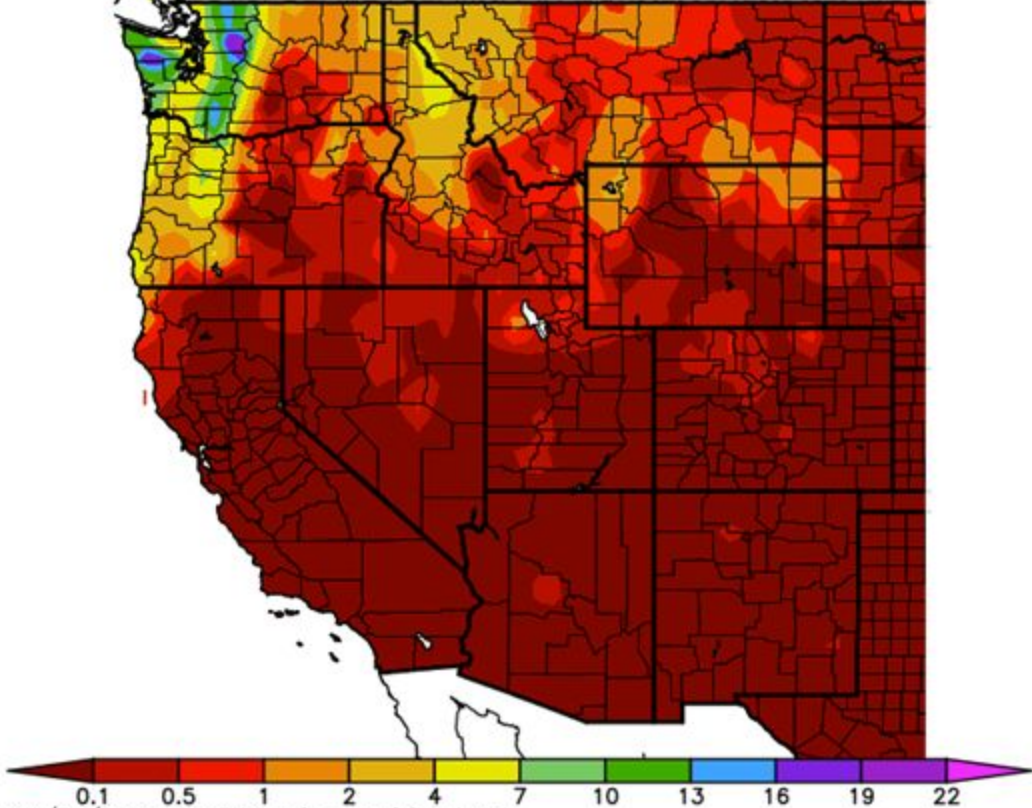


0.1 0.5 1 2 4 7 10 13 16 19 22
Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

5 25 50 70 90 100 110 130 150 200 300
Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

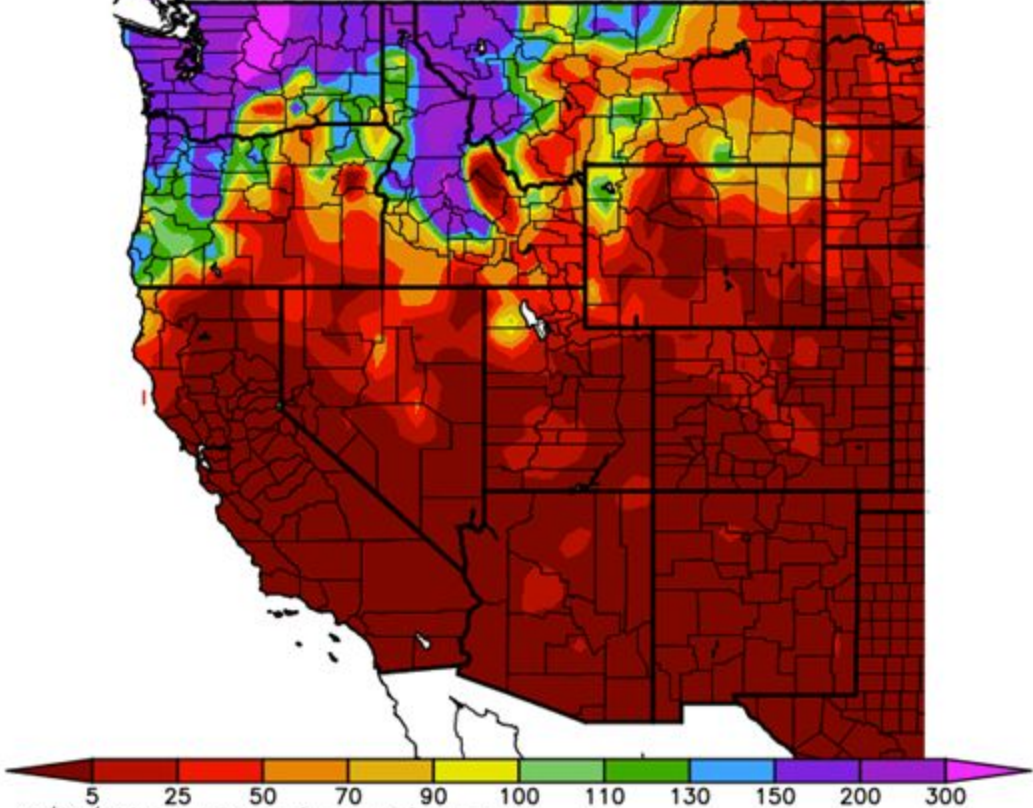
Precipitation 30 day history (Percent of Average)

Total Precipitation (in.)
9/20/2020 - 10/19/2020



Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

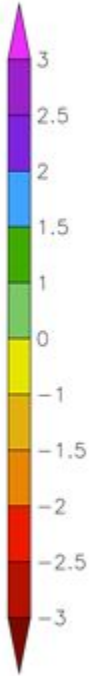
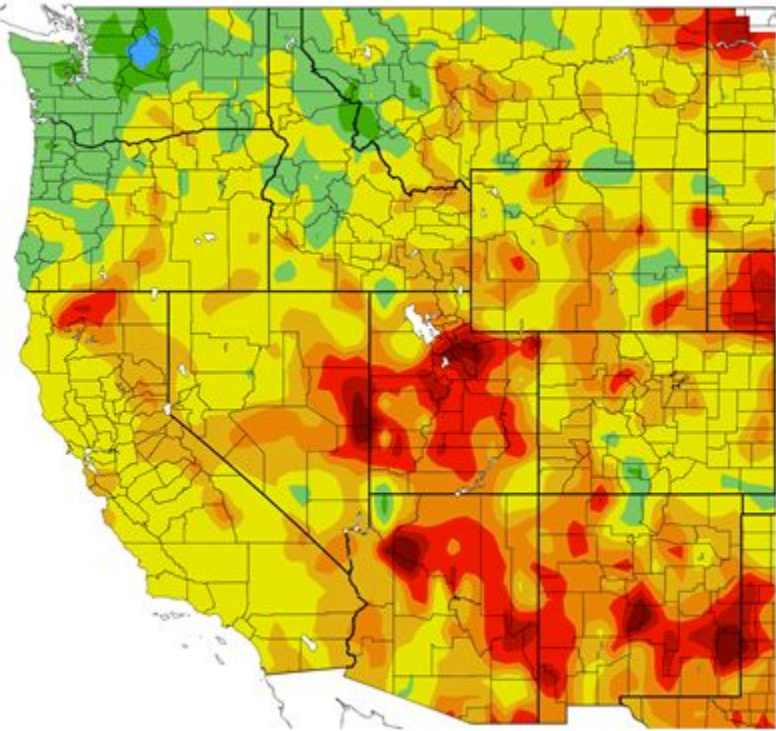
Percent of Average Precipitation (%)
9/20/2020 - 10/19/2020



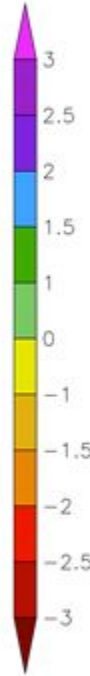
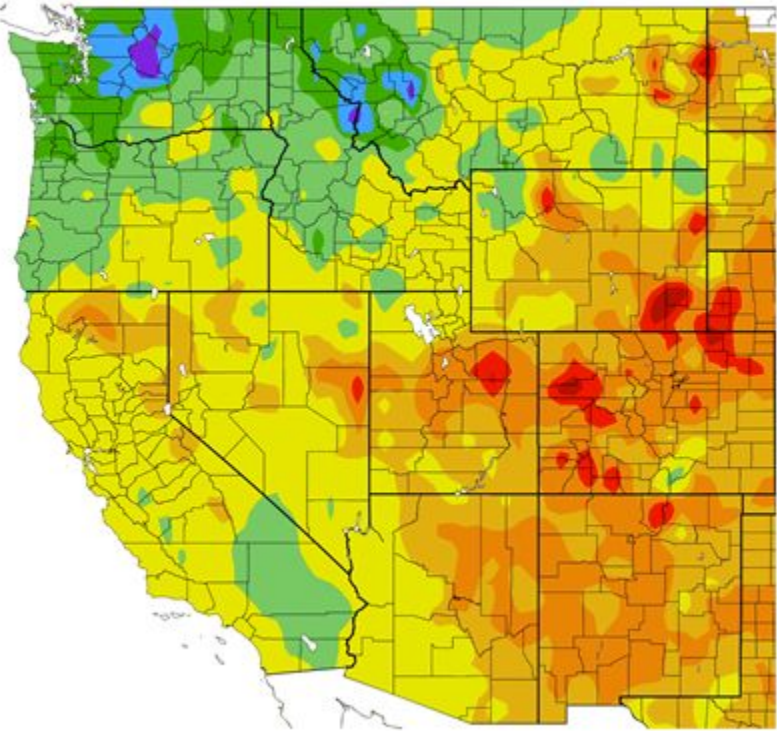
Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Standardized Precipitation Index

60 Day SPI
8/20/2020 - 10/18/2020



30 Day SPI
9/19/2020 - 10/18/2020



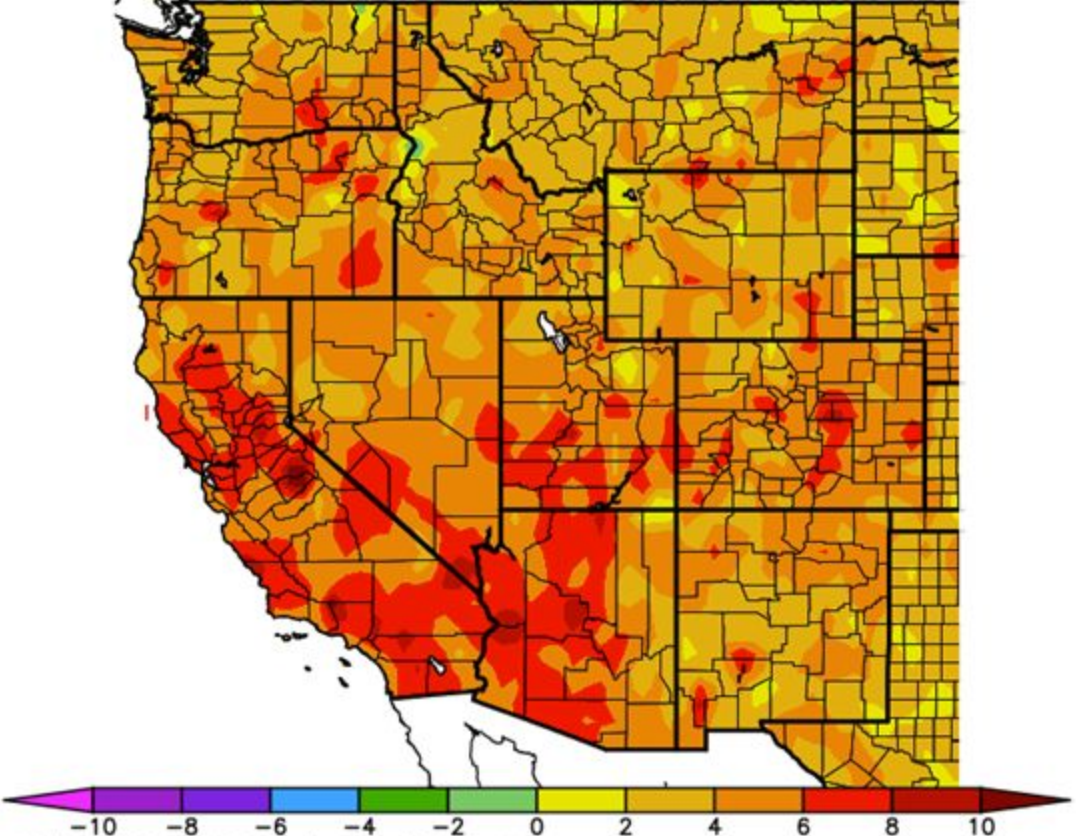
Generated 10/19/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers Generated 10/20/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

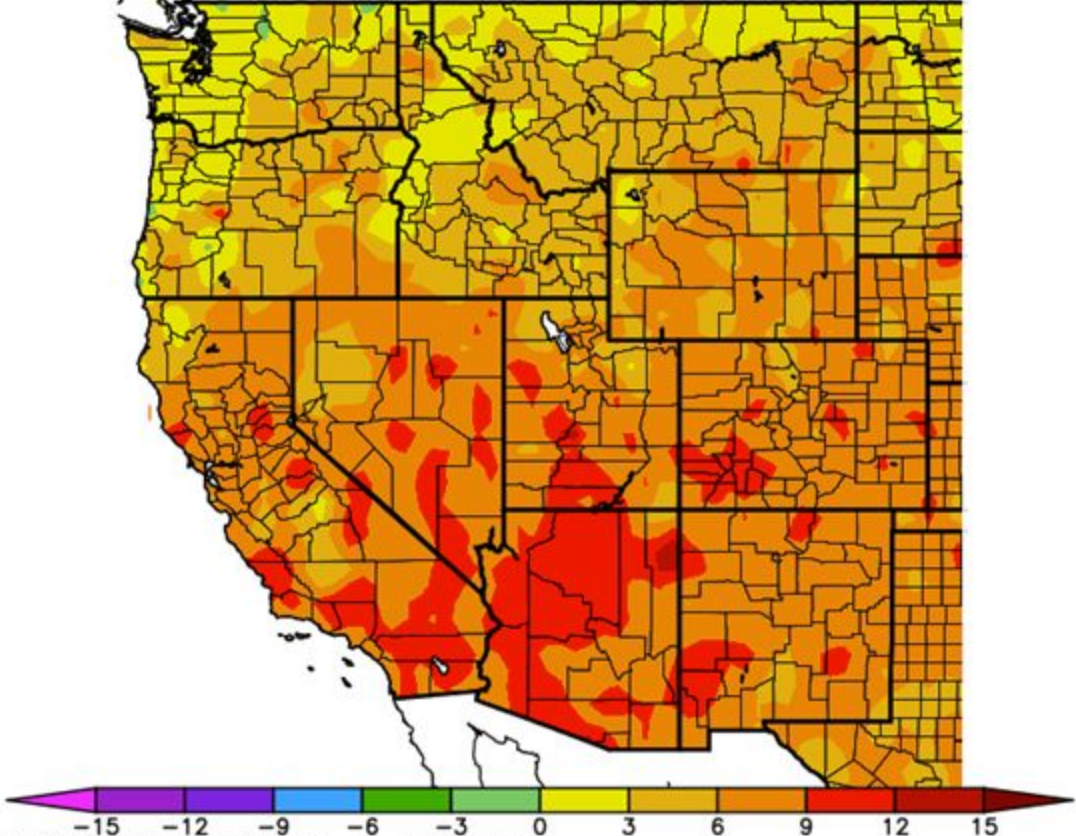
Temperature 30 day (Related to Average)

Ave. Temperature dep from Ave (deg F)
9/20/2020 - 10/19/2020



Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

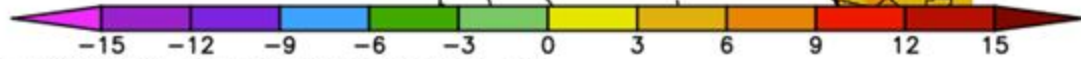
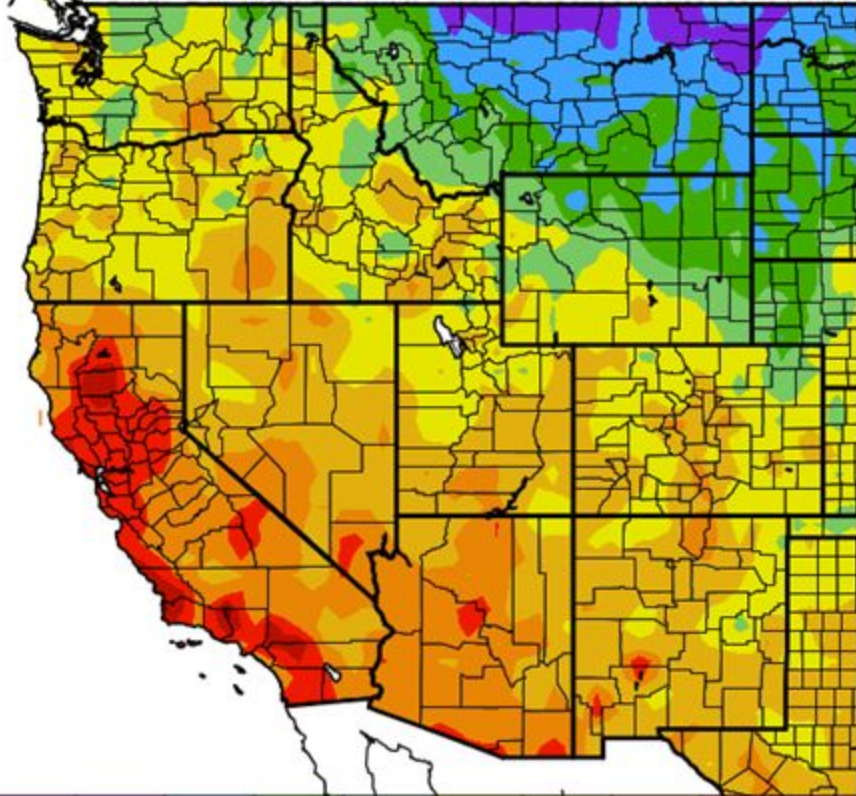
Av. Max. Temperature dep from Ave (deg F)
9/20/2020 - 10/19/2020



Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

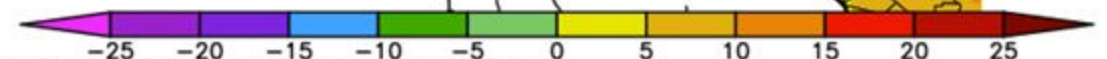
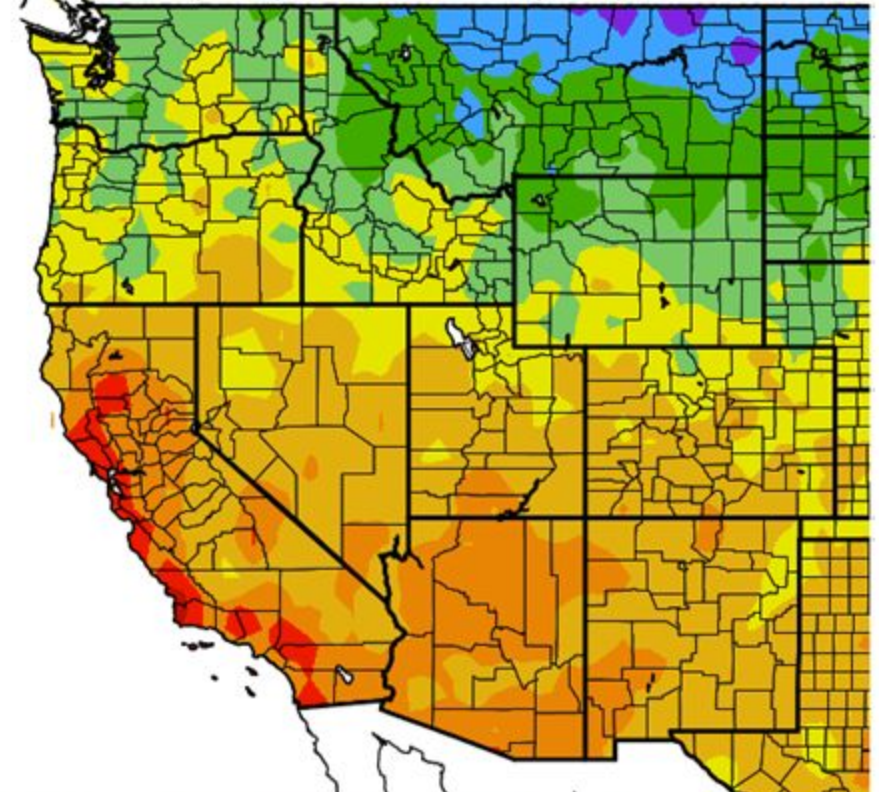
Temperature 7 day (Related to Average)

Ave. Temperature dep from Ave (deg F)
10/13/2020 - 10/19/2020



Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

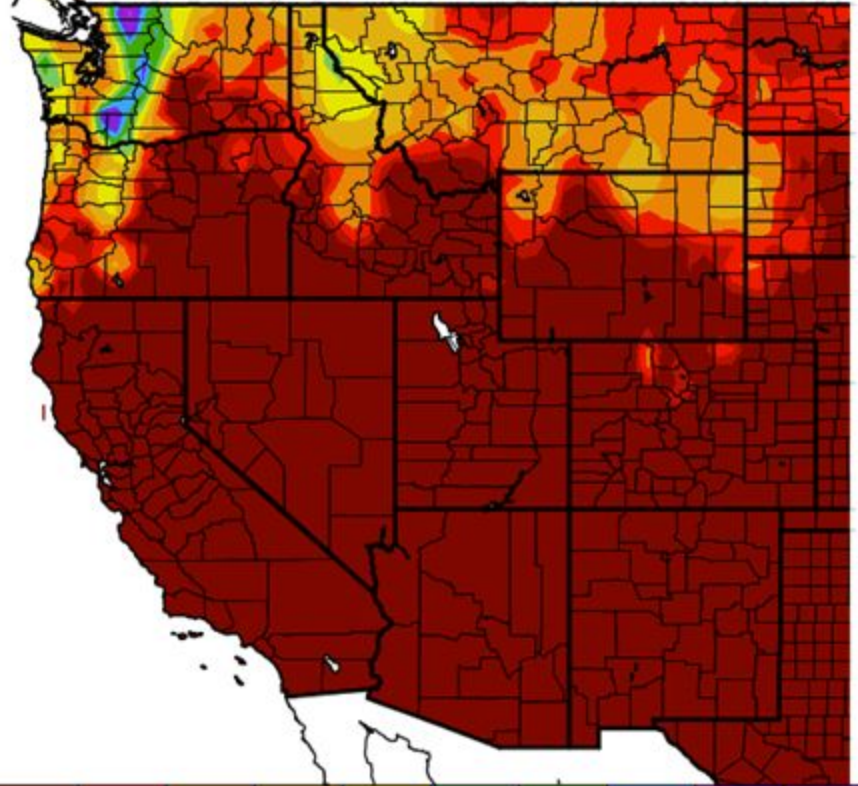
Av. Max. Temperature dep from Ave (deg F)
10/13/2020 - 10/19/2020



Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

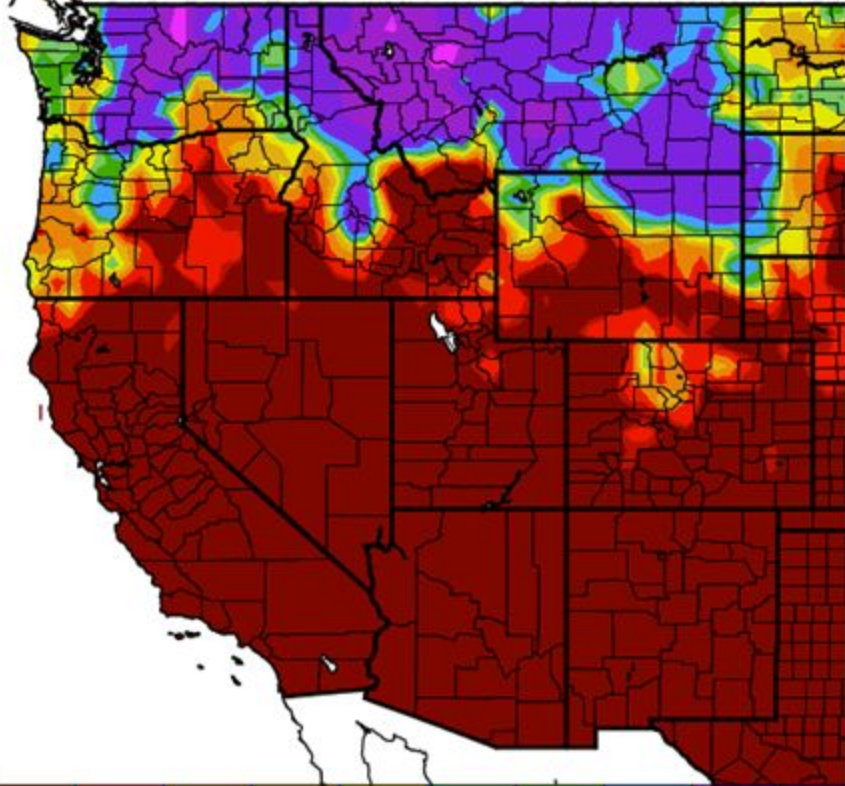
Precipitation 7 day history (Percent of Average)

Total Precipitation (in.)
10/13/2020 - 10/19/2020



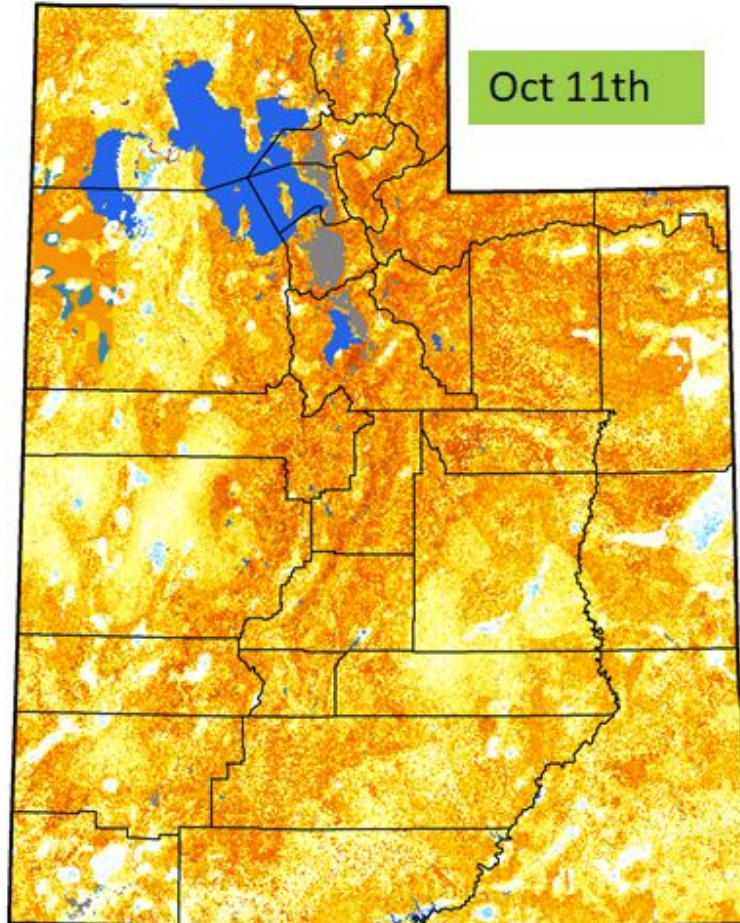
Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Percent of Average Precipitation (%)
10/13/2020 - 10/19/2020



Generated 10/20/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

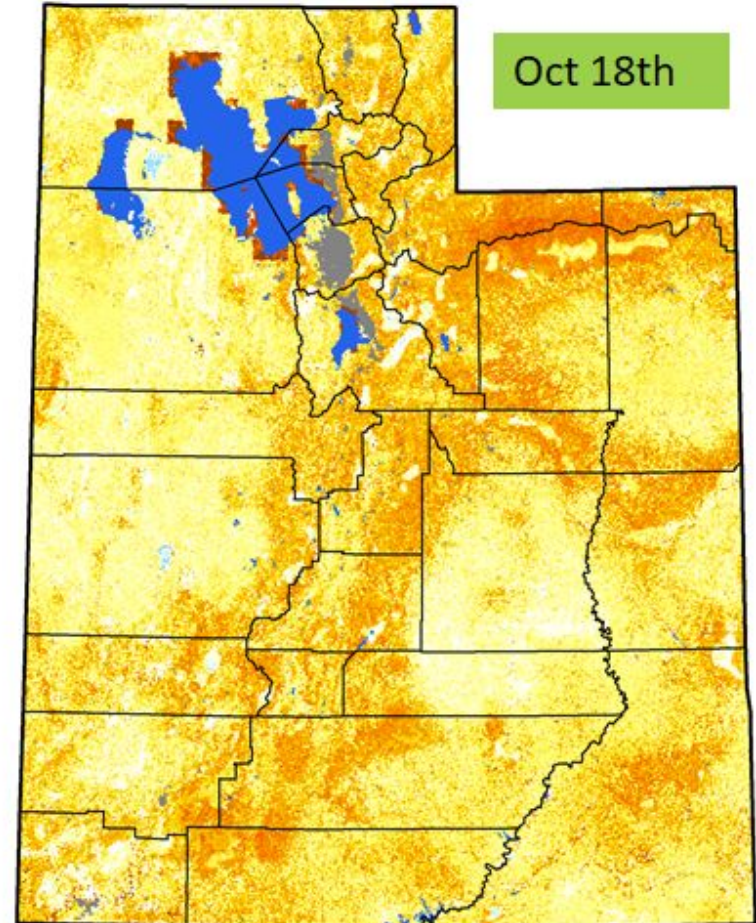
Quick Drought Response Index Utah



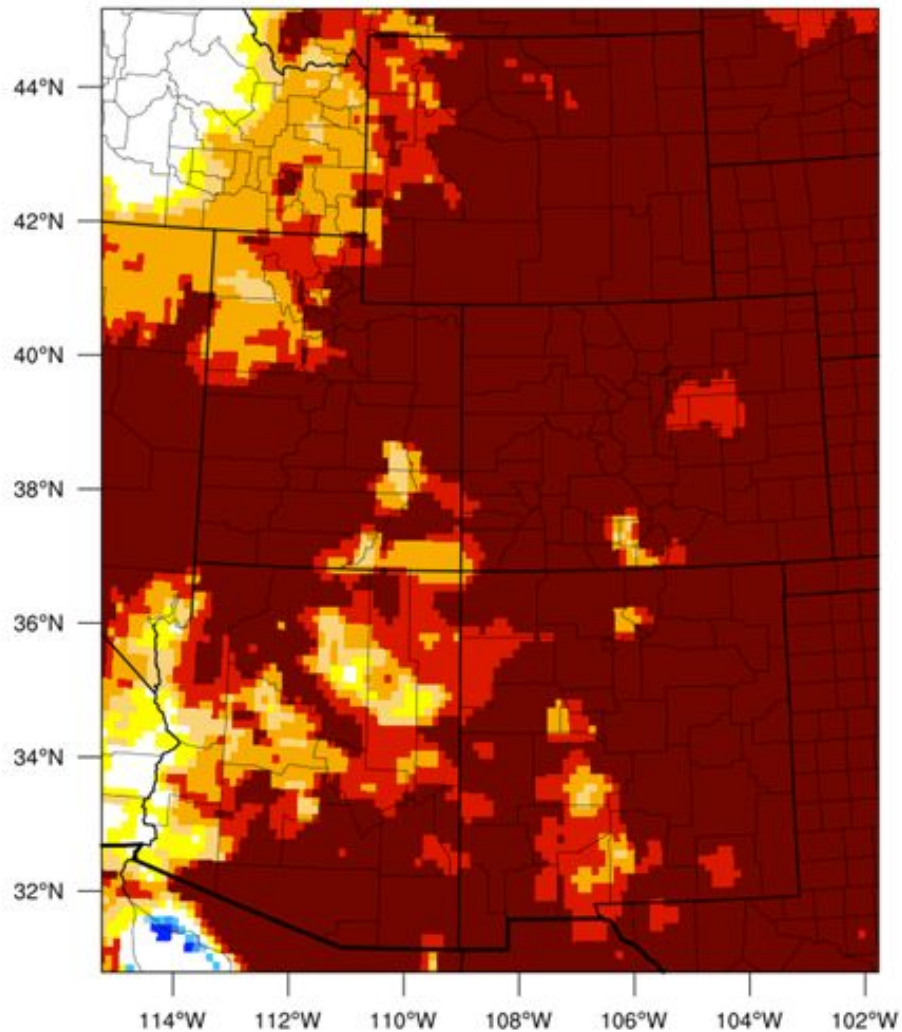
Conditions Relative to
4-Week Historical Average



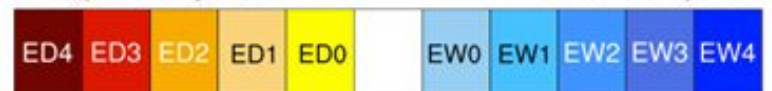
Quick Drought Response Index Utah



4-week EDDI categories for October 15, 2020



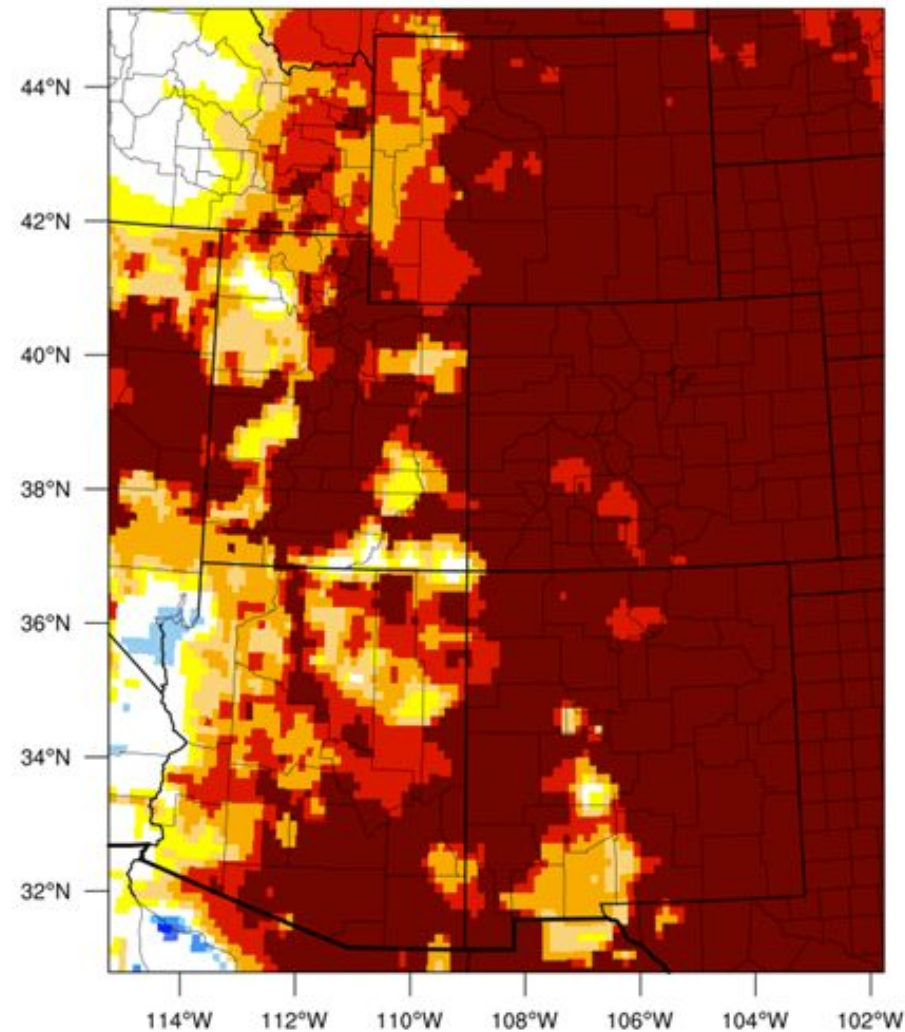
Drought categories Wetness categories



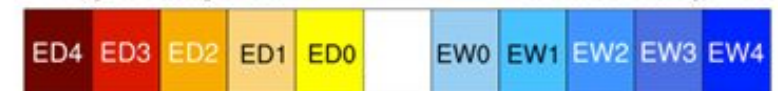
100% 98% 95% 90% 80% 70% 30% 20% 10% 5% 2% 0%
 (EDDI-percentile category breaks: 100% = driest; 0% = wettest)

Generated by NOAA/ESRL/Physical Sciences Laboratory

2-week EDDI categories for October 15, 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)

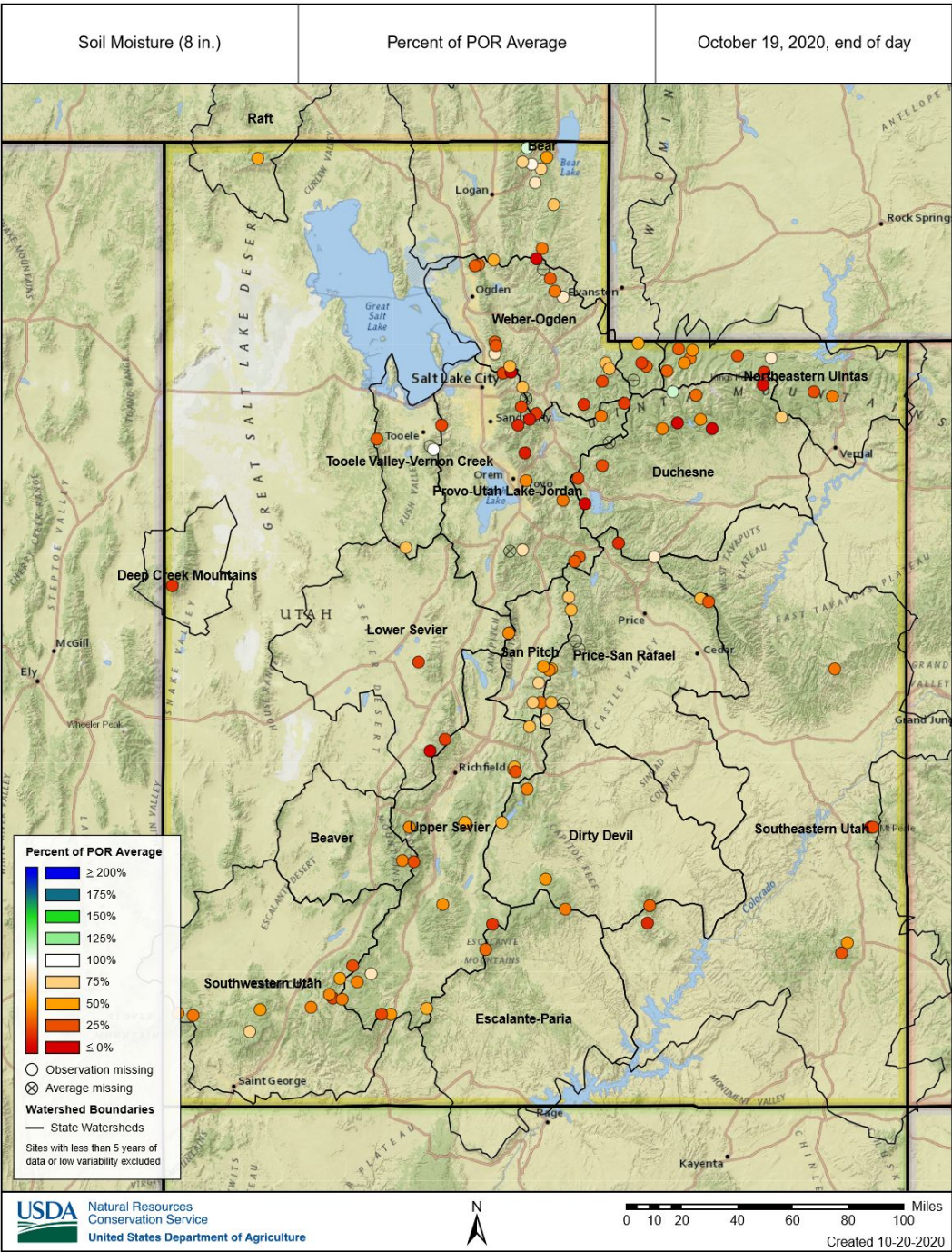
Generated by NOAA/ESRL/Physical Sciences Laboratory

Agency - Utah Climate Center
 Presenter - Jon Meyer

Soil Moisture (Current)

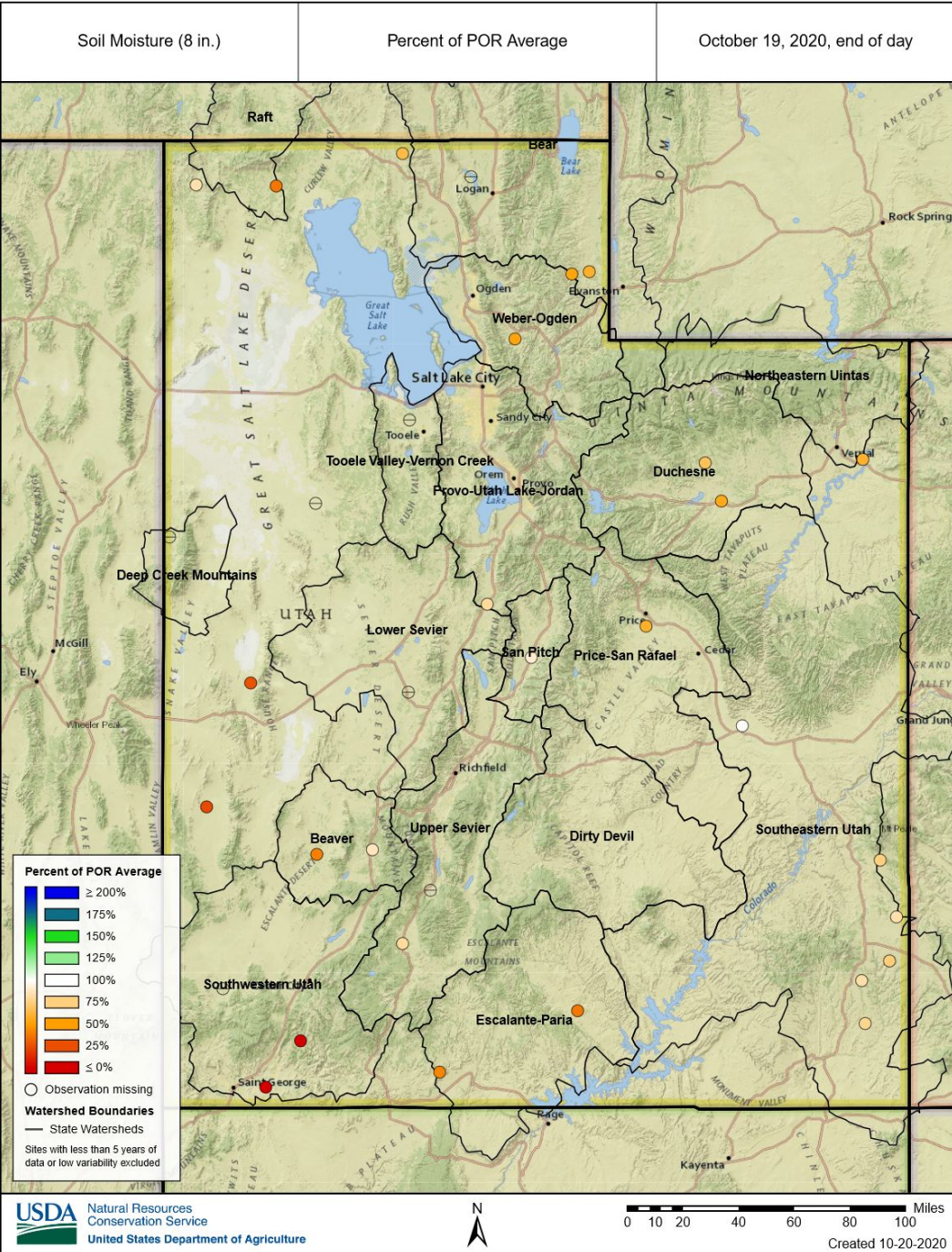
Mountain locations (SNOTEL)

8" depth sensor



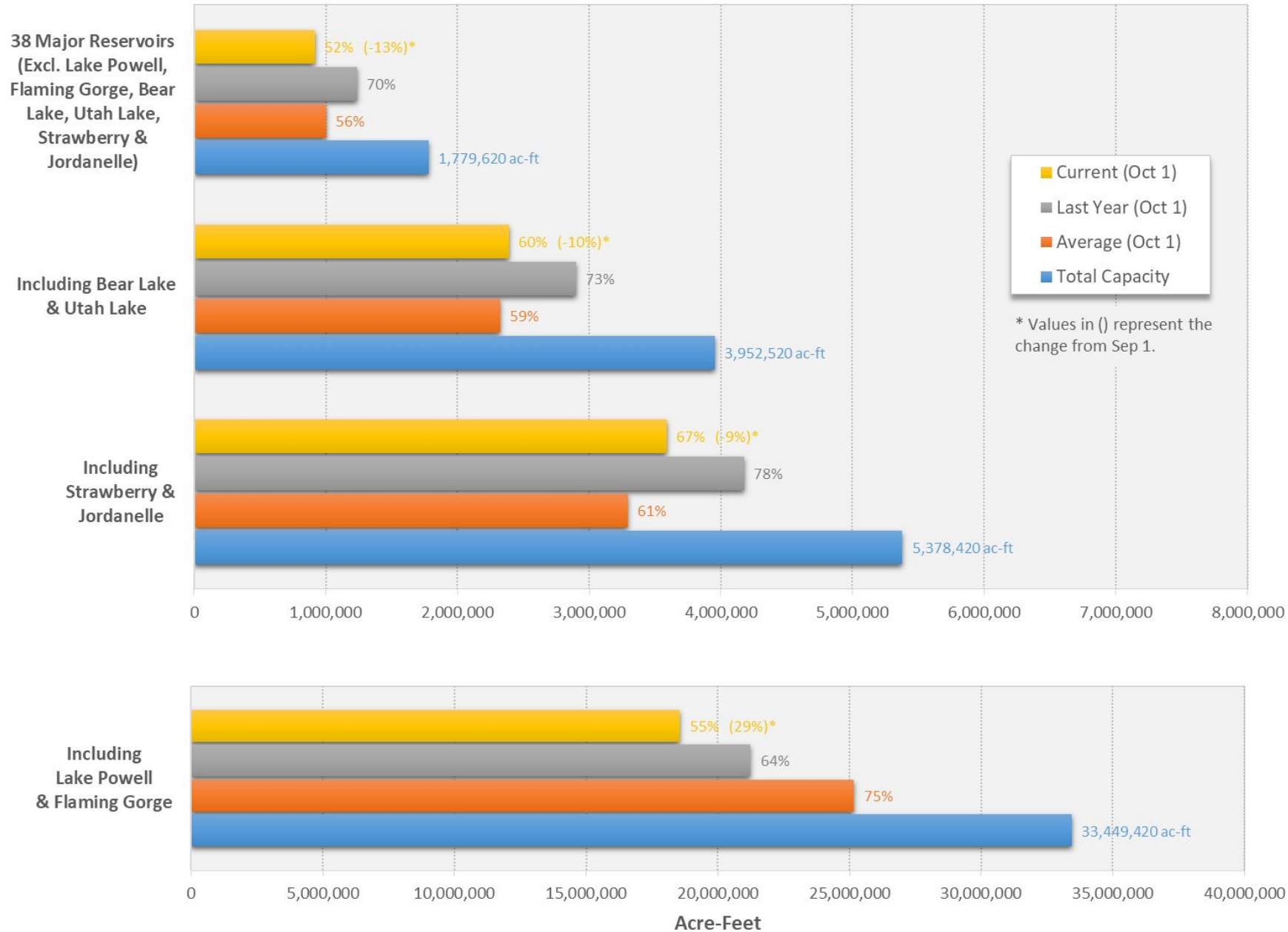
Agency - NRCS Snow Survey
Presenter - Jordan Clayton

Soil Moisture (Current) Valley locations (SCAN) 8" depth sensor



Agency - NRCS Snow Survey
Presenter - Jordan Clayton

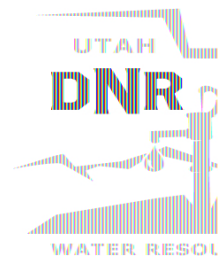
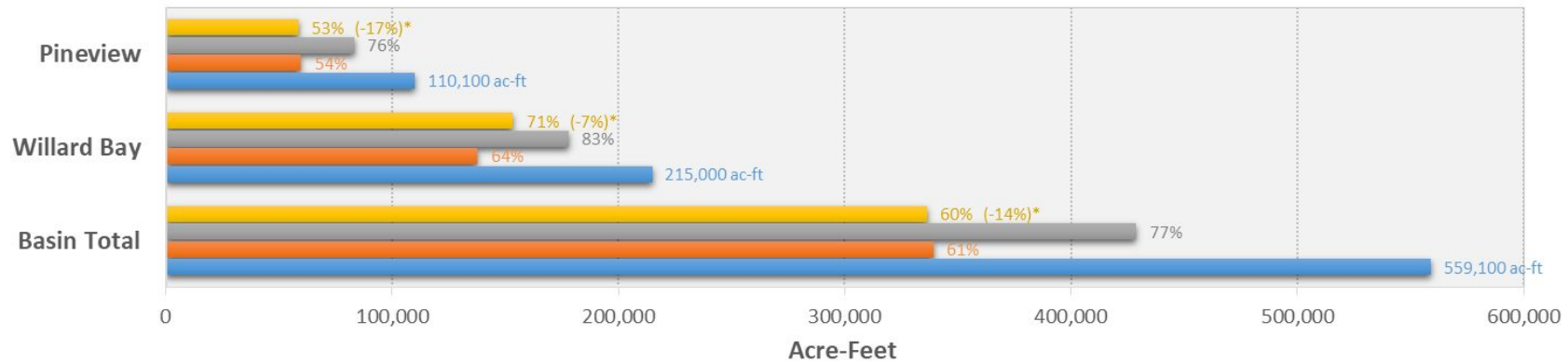
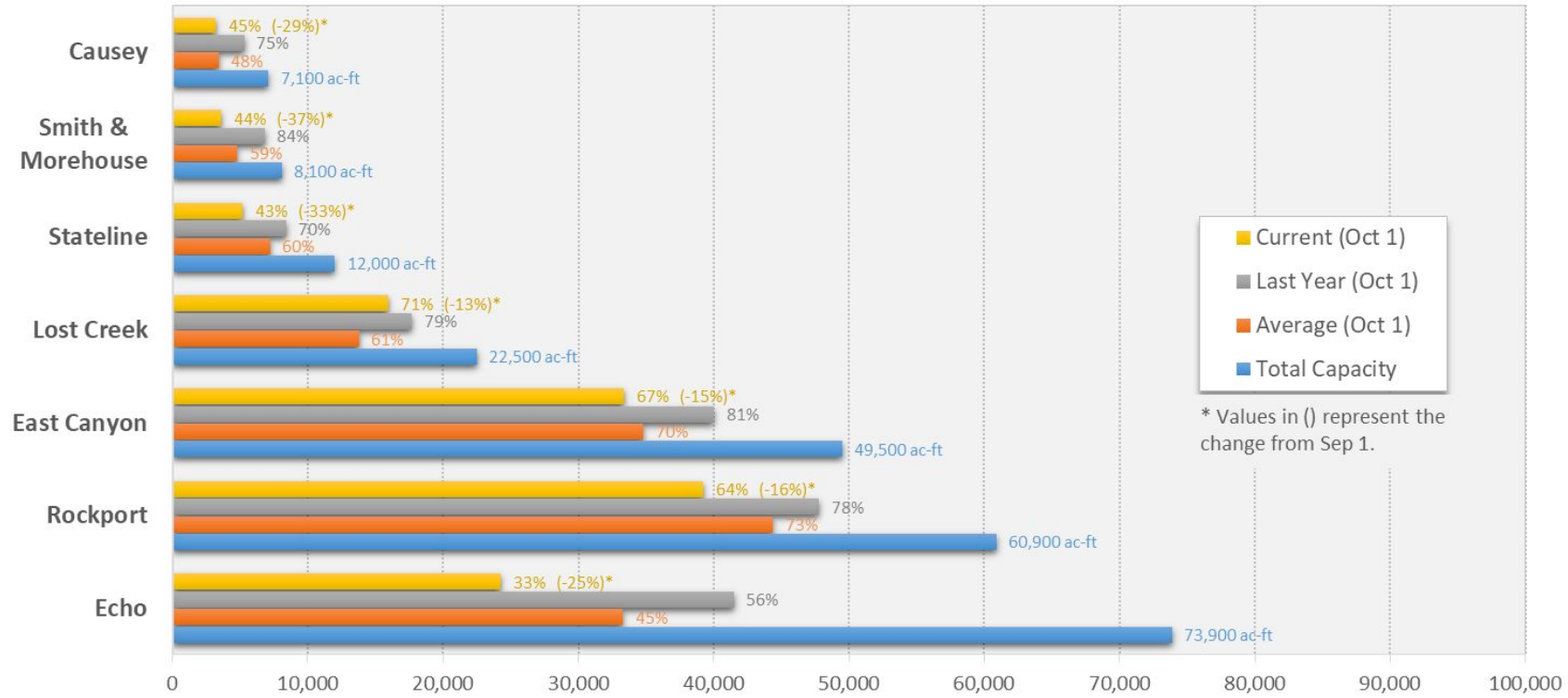
Statewide Reservoir Storage (Oct 1)



Agency - Division of Water Resources
w/NRCS data
Presenter - Laura Haskell

Weber River Basin Reservoir Storage (Oct 1)

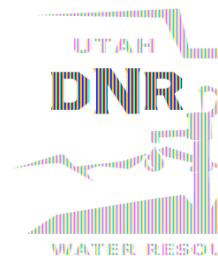
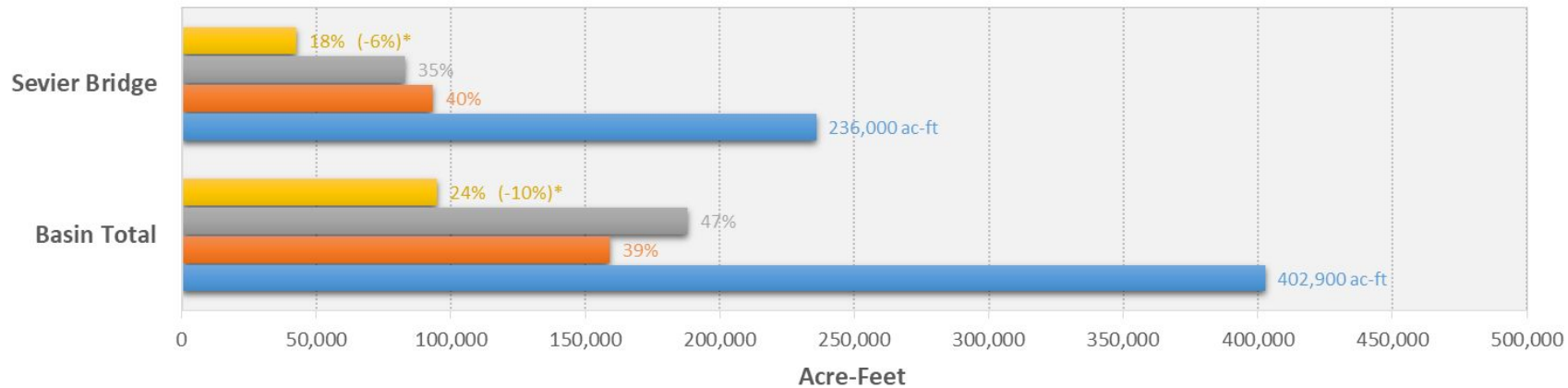
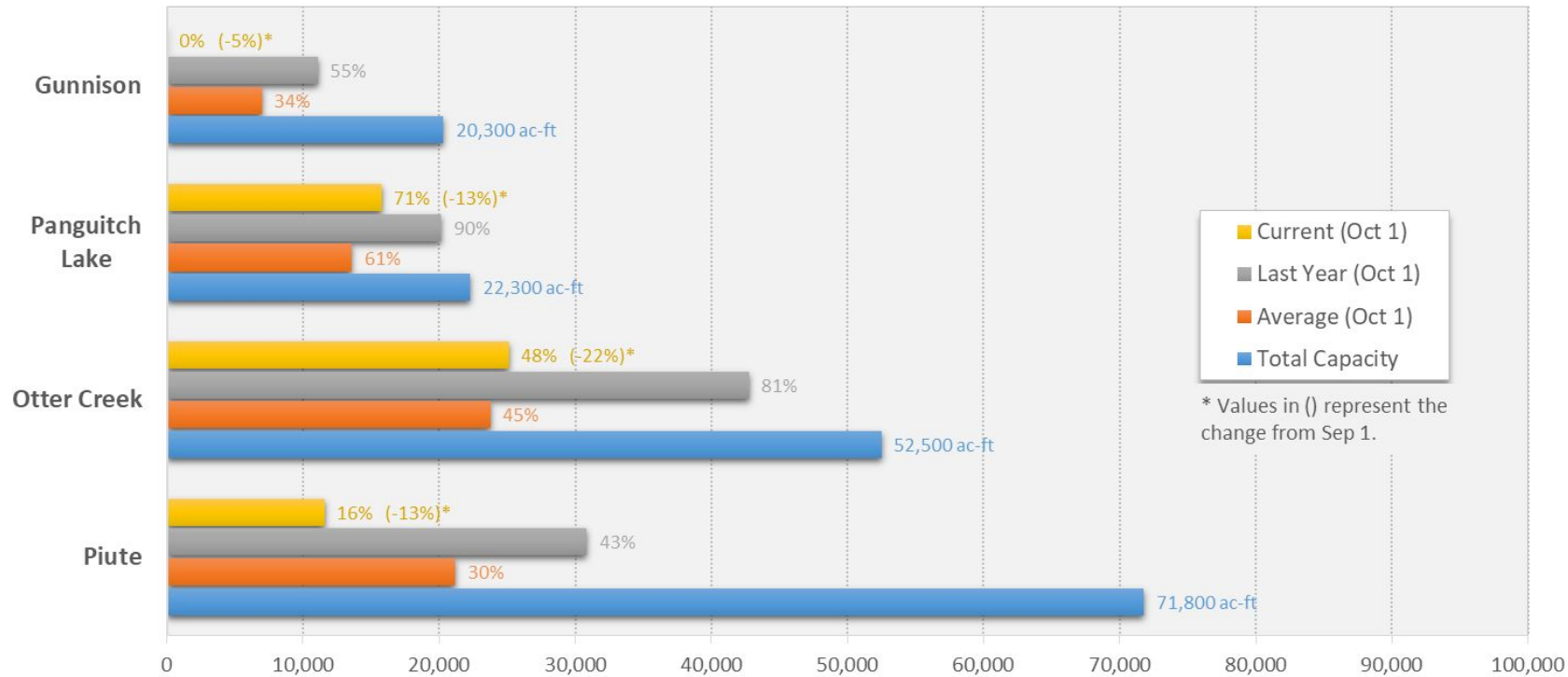
Agency - Division of Water Resources
w/NRCS data
Presenter - Laura Haskell



Sevier River Basin Reservoir Storage (Oct 1)

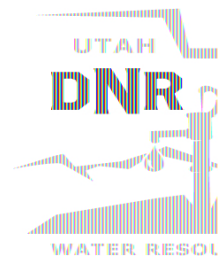
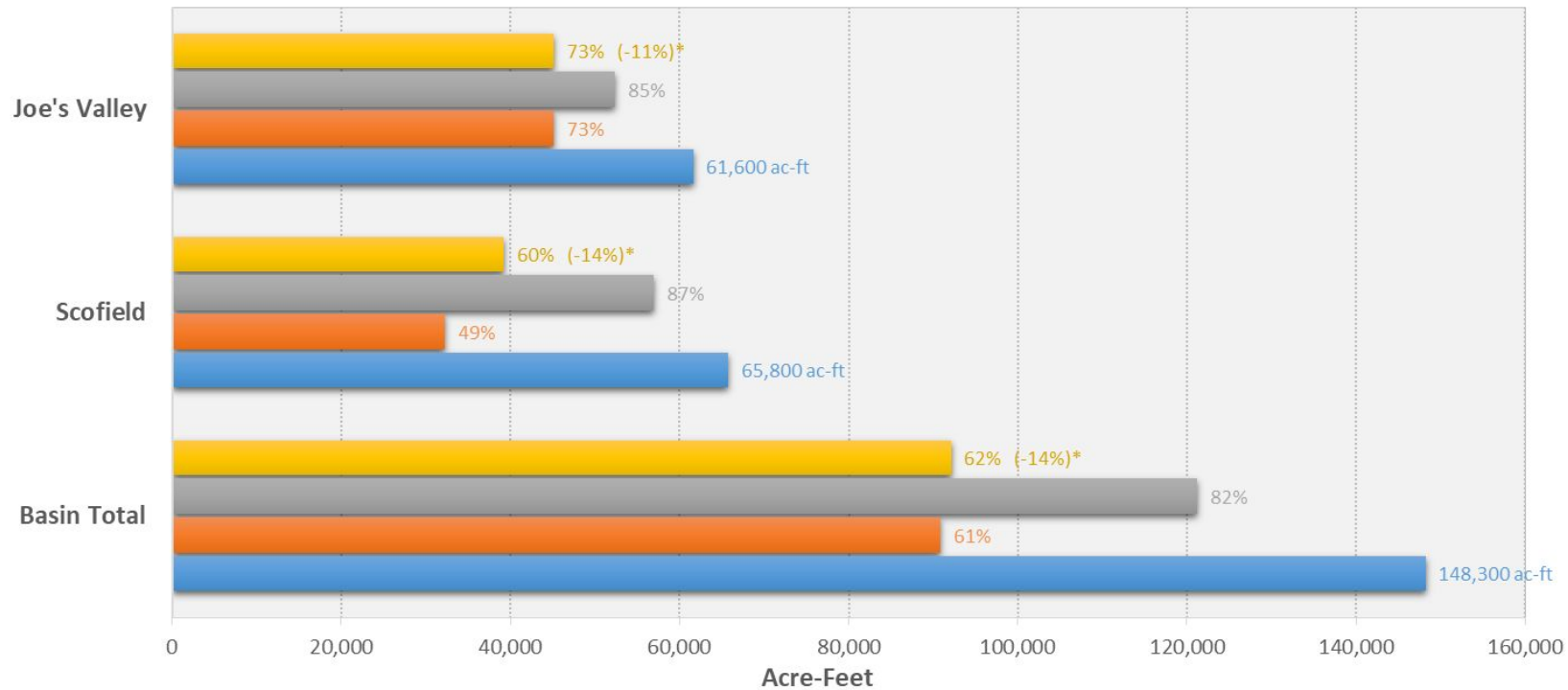
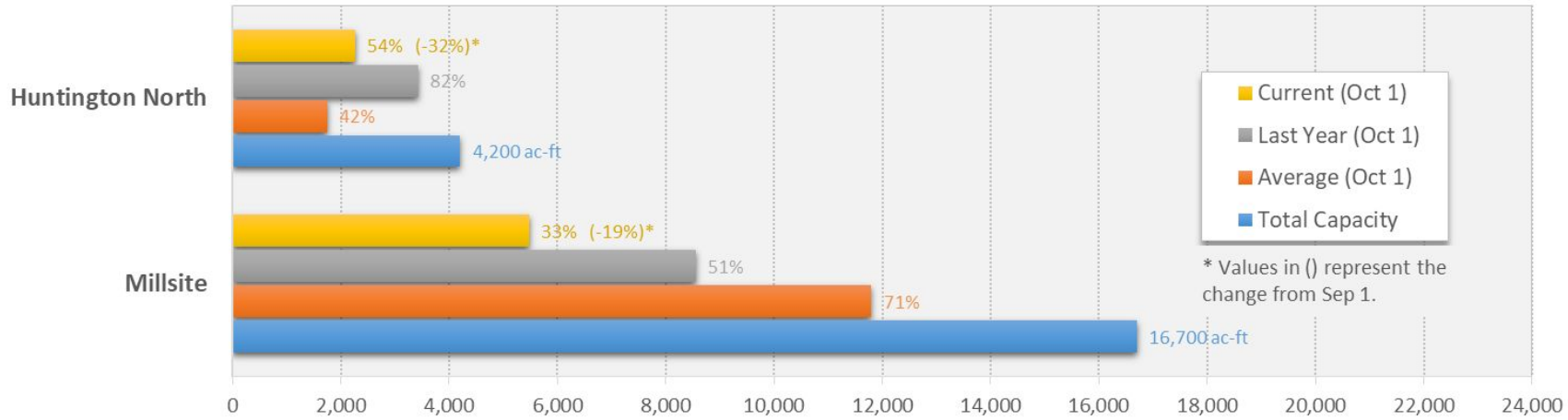
Agency - Division of Water Resources
w/NRCS data

Presenter - Laura Haskell

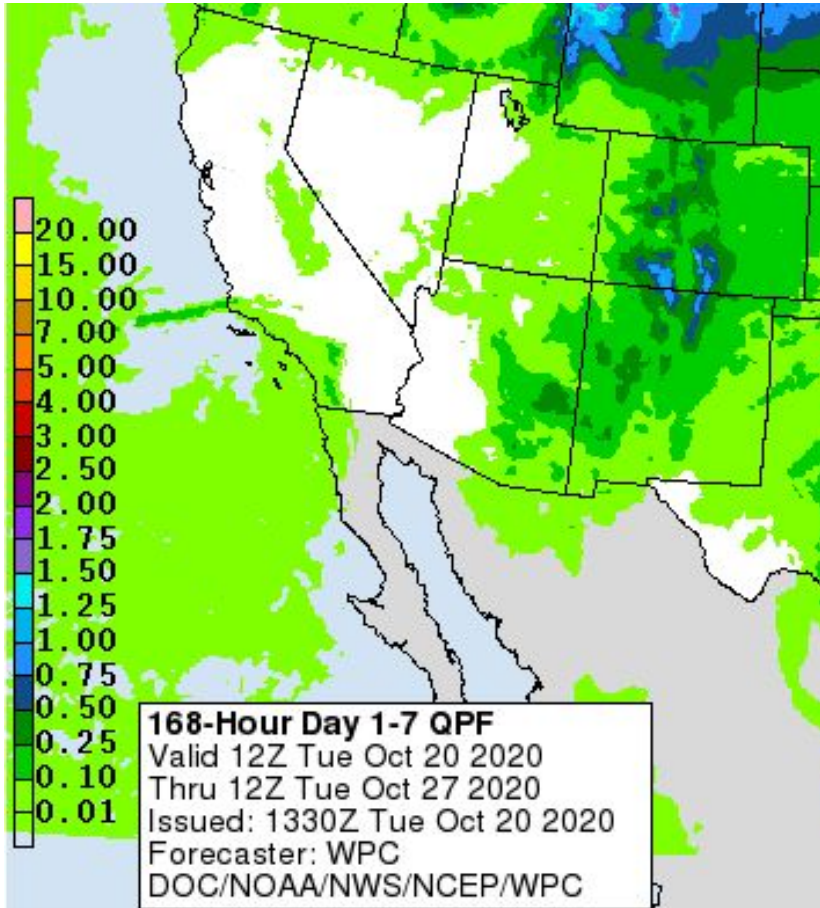


West Colorado Basin Reservoir Storage (Oct 1)

Agency - Division of Water Resources
w/NRCS data
Presenter - Laura Haskell

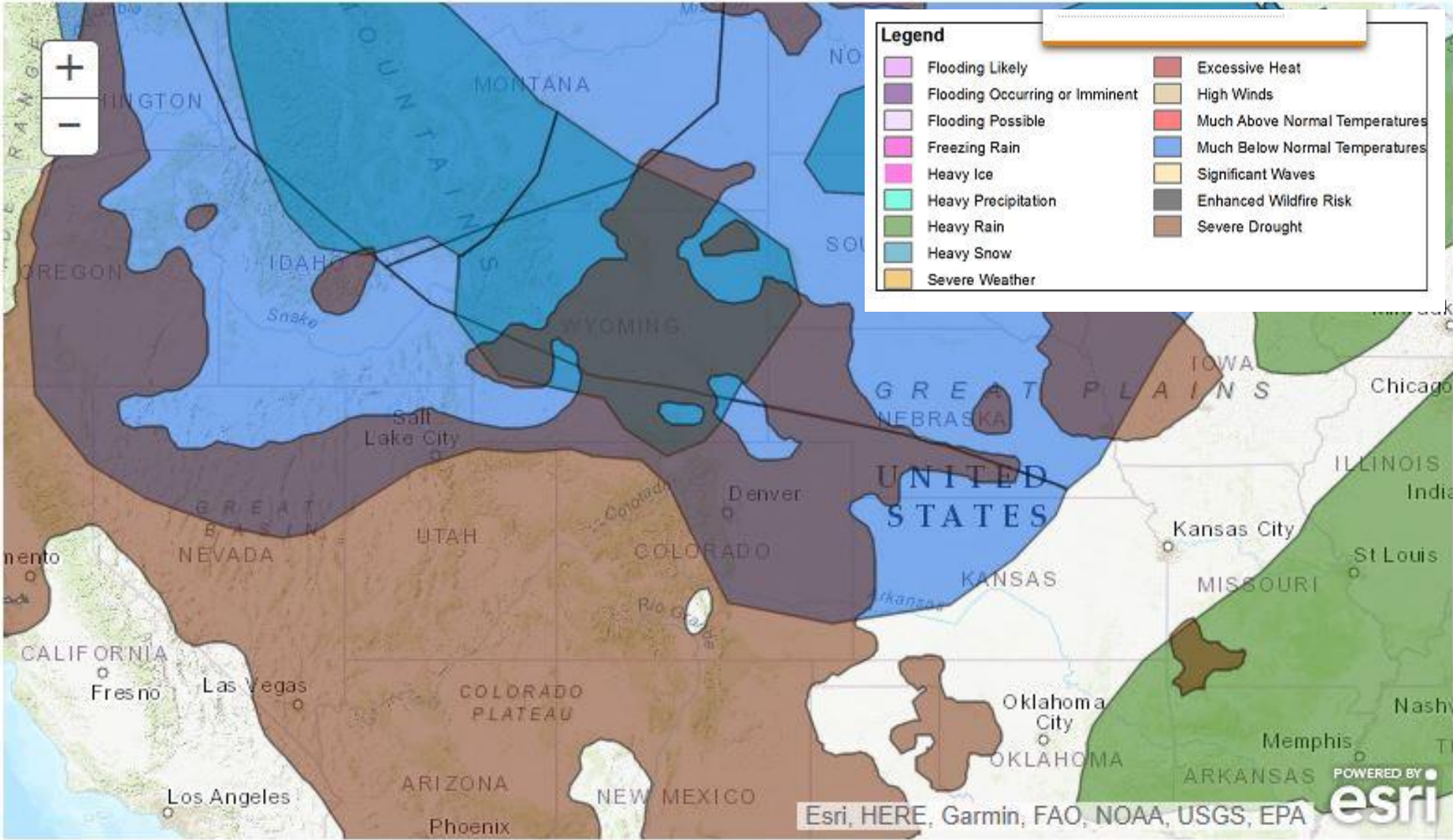
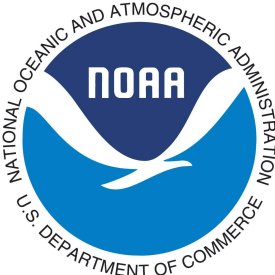


Weather Forecast Office Utah Day 1-7 Outlook



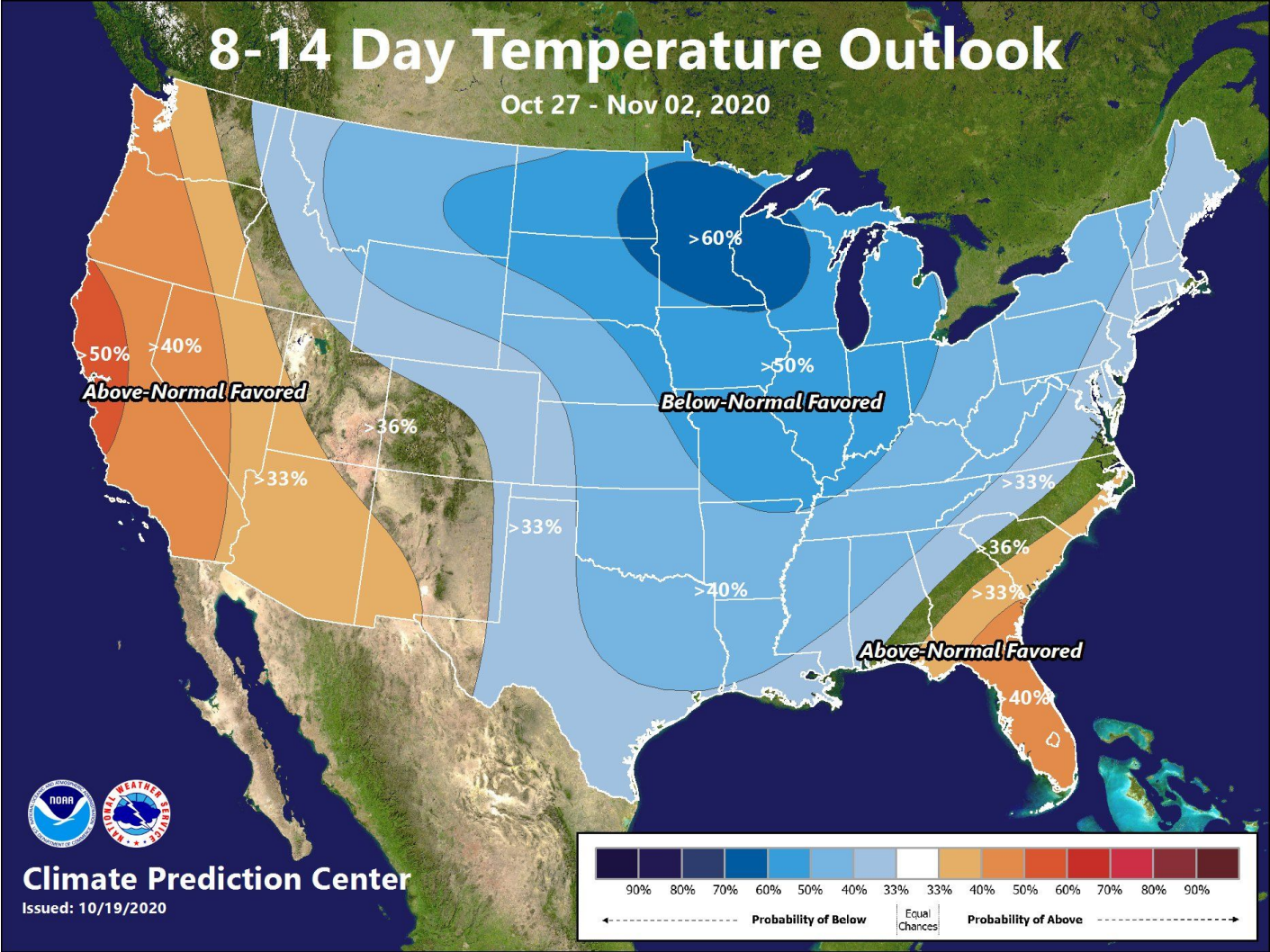
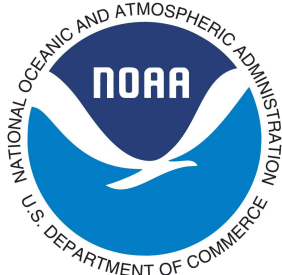
- **Cold front will cross Utah Wednesday night and Thursday**
 - Noticeable cool down
 - Little if any precipitation
- **Trough of low pressure and associated cold front will cross region Saturday and Sunday**
 - Up front, large degree of uncertainty
 - Much colder, with a growing season ending hard freeze across all but lower elevations of southern Utah
 - Best precipitation potential across higher terrain of northern Utah
 - Northern Utah mountains - 0.25-0.50 inches
 - Elsewhere - 0.10 inches or less

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



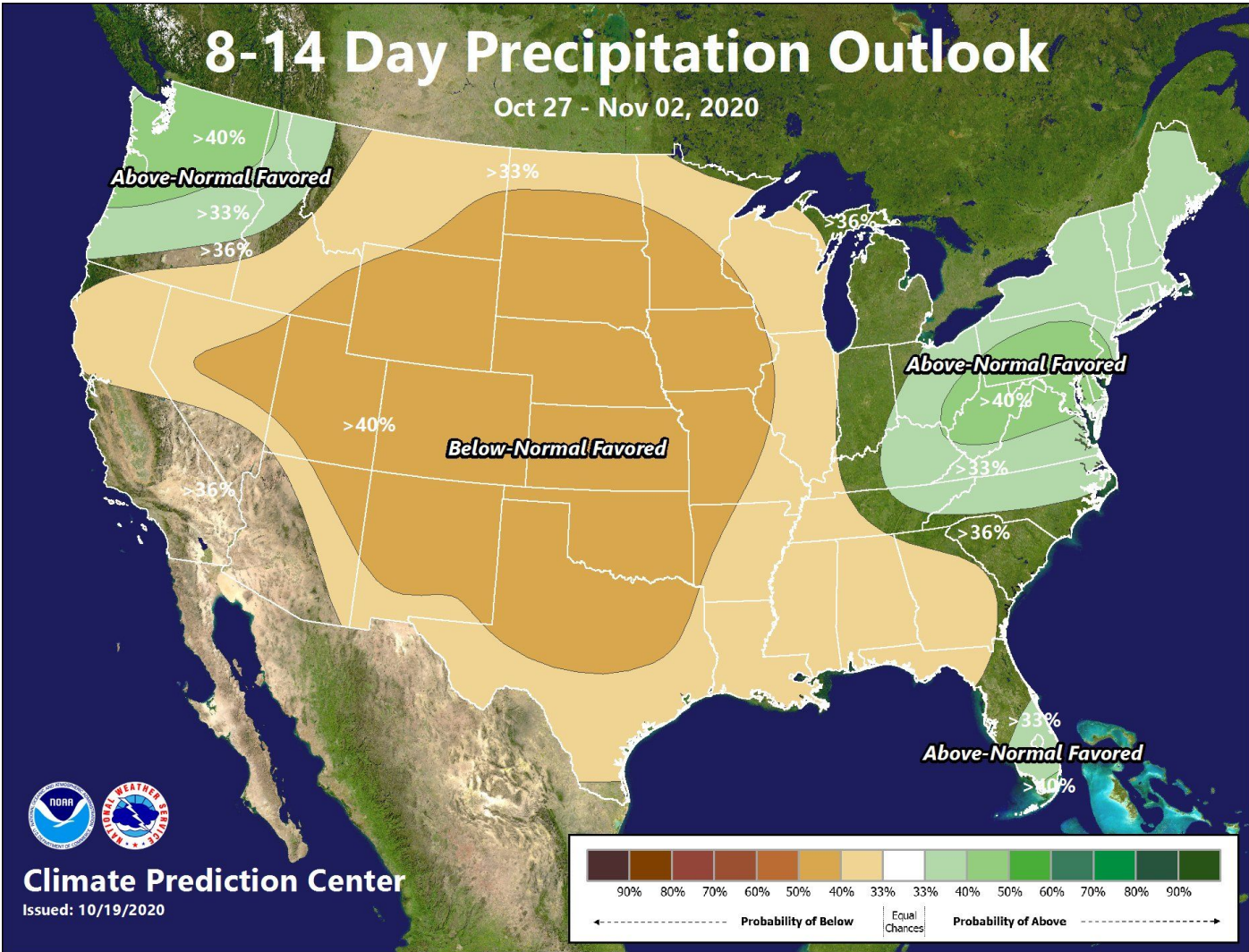
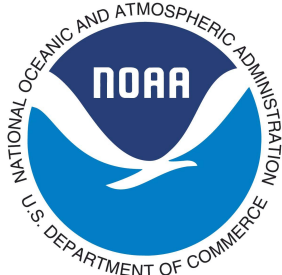
Agency - National Weather Service Weather Forecast Office
Presenter - Kevin Barjenbruch

Climate Prediction Center 8 to 14 Day Outlooks - Temperature



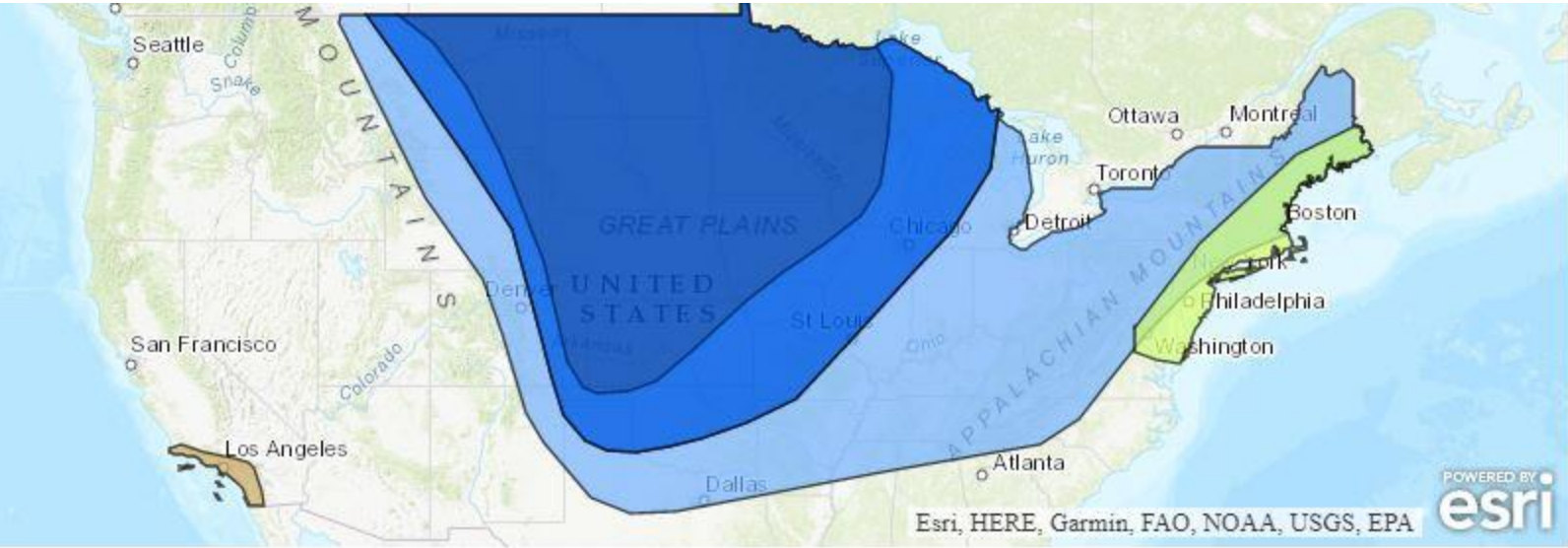
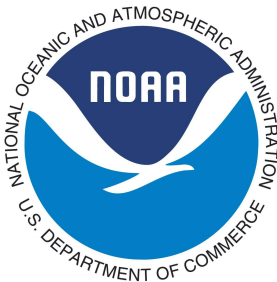
Agency - National Weather Service Weather Forecast Office
Presenter - Kevin Barjenbruch

Climate Prediction Center 8 to 14 Day Outlooks - Precipitation



Agency - National Weather Service Weather Forecast Office
Presenter - Kevin Barjenbruch

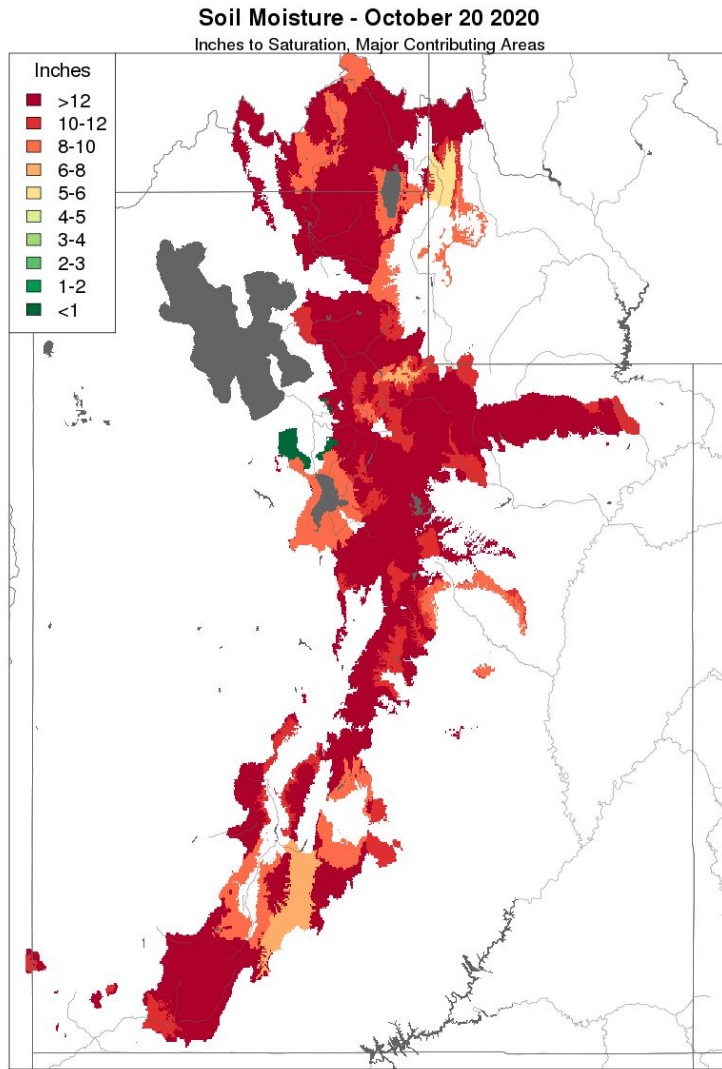
Climate Prediction Center U.S. Week-2 Hazards Outlook



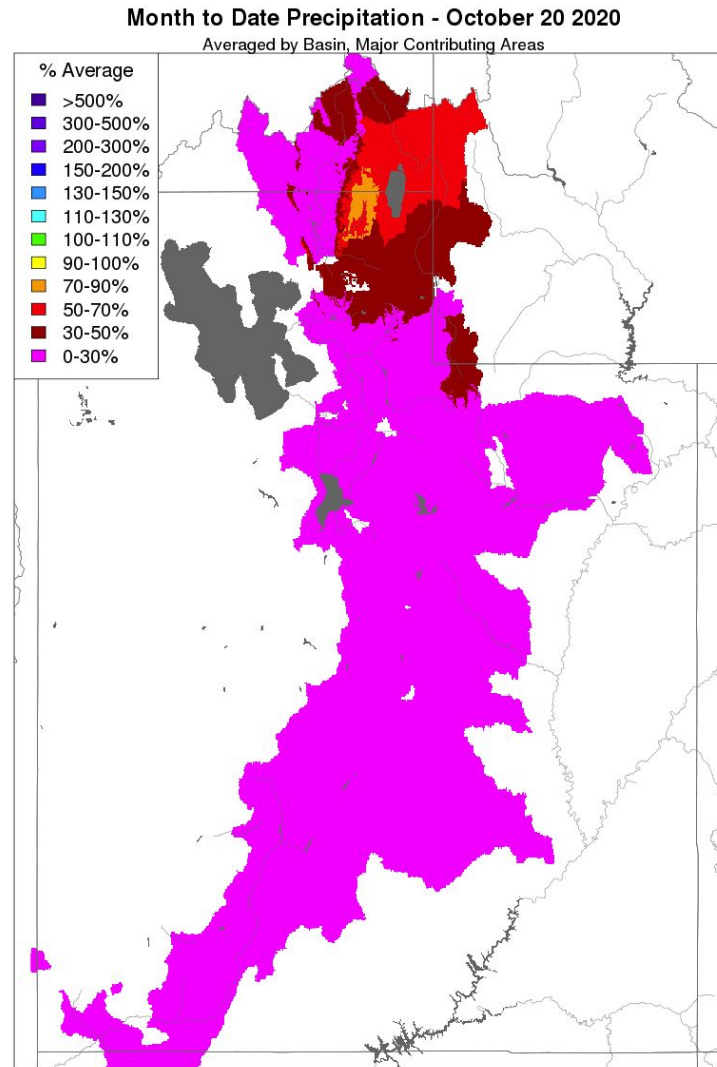
Above Normal Temperatures	Excessive Heat	Heavy Precipitation	Composite
High Risk	High Risk	High Risk	Flooding Possible
Moderate Risk	Moderate Risk	Moderate Risk	Frozen Precipitation
Slight Risk	Slight Risk	Slight Risk	Severe Weather
Below Normal Temperatures	High Winds	Heavy Snow	
High Risk	Moderate Risk	High Risk	
Moderate Risk	Slight Risk	Moderate Risk	
Slight Risk		Slight Risk	

Agency - National Weather Service Weather Forecast Office
 Presenter - Kevin Barjenbruch

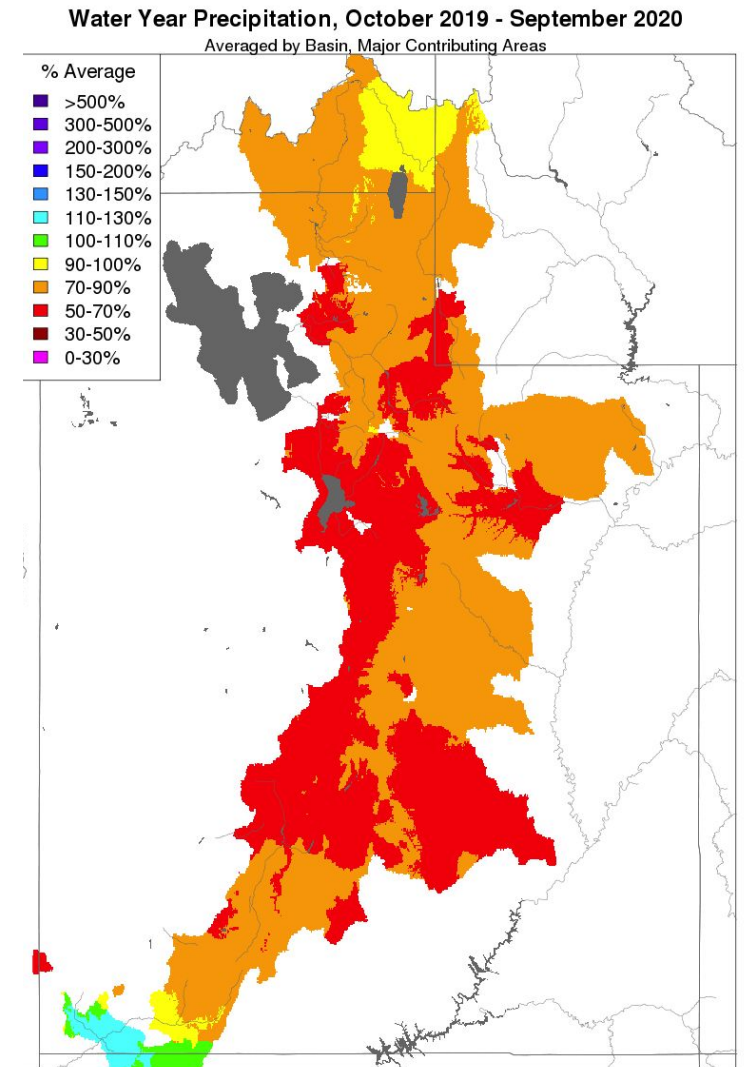
Soil Moisture and Month To Date and WY2019 Total Precipitation



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



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

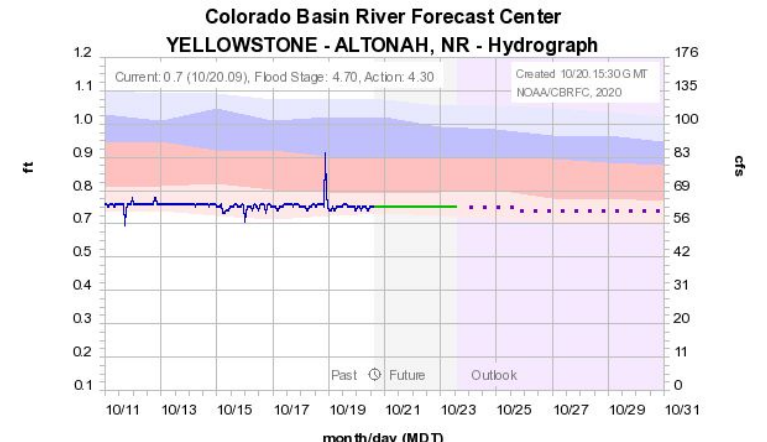
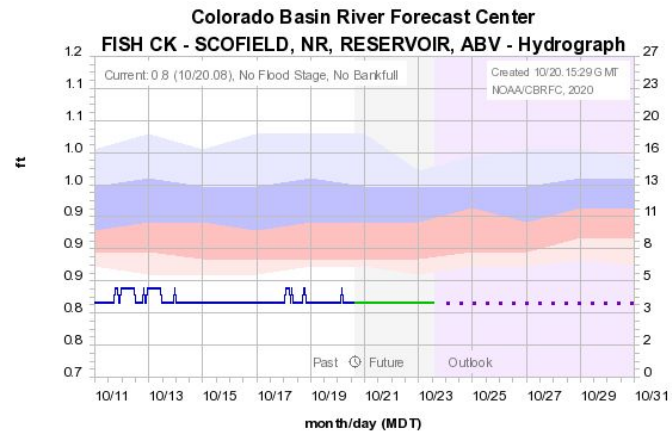
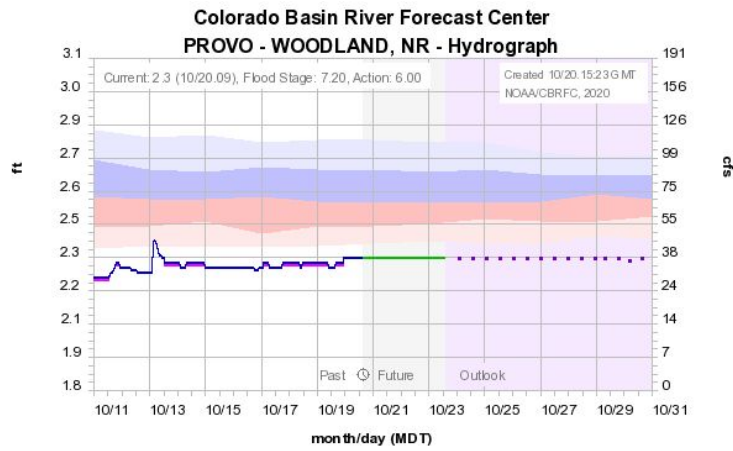
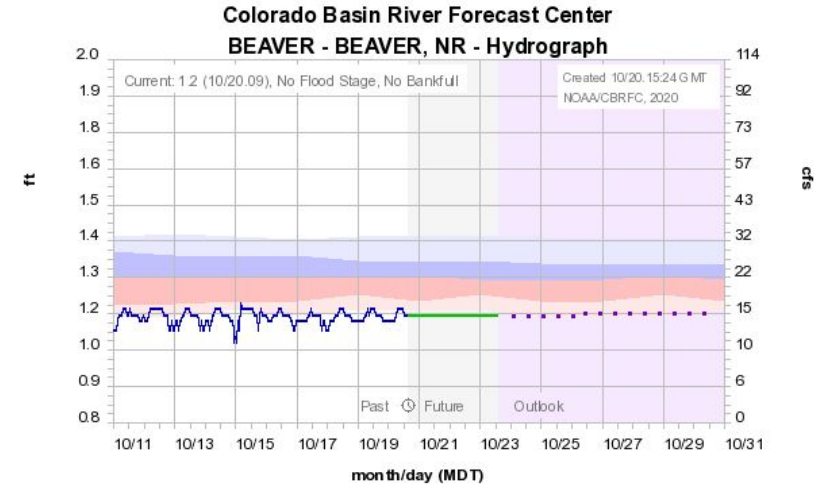
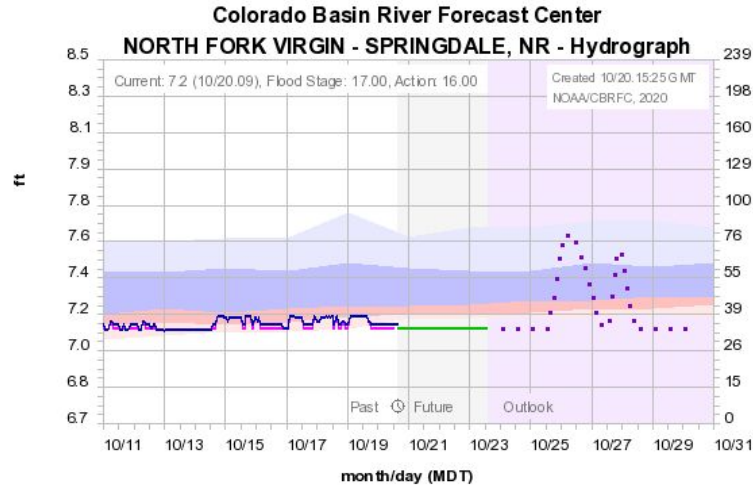
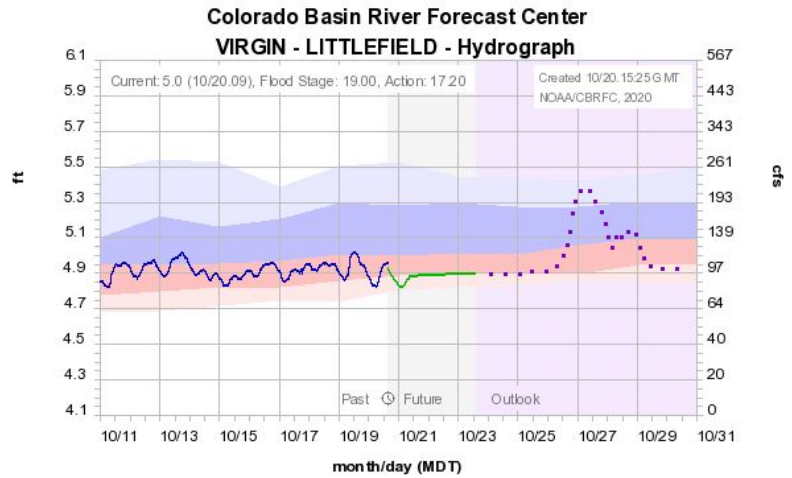


Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov

Agency - CBRFC

Presenter - Brent Bernard

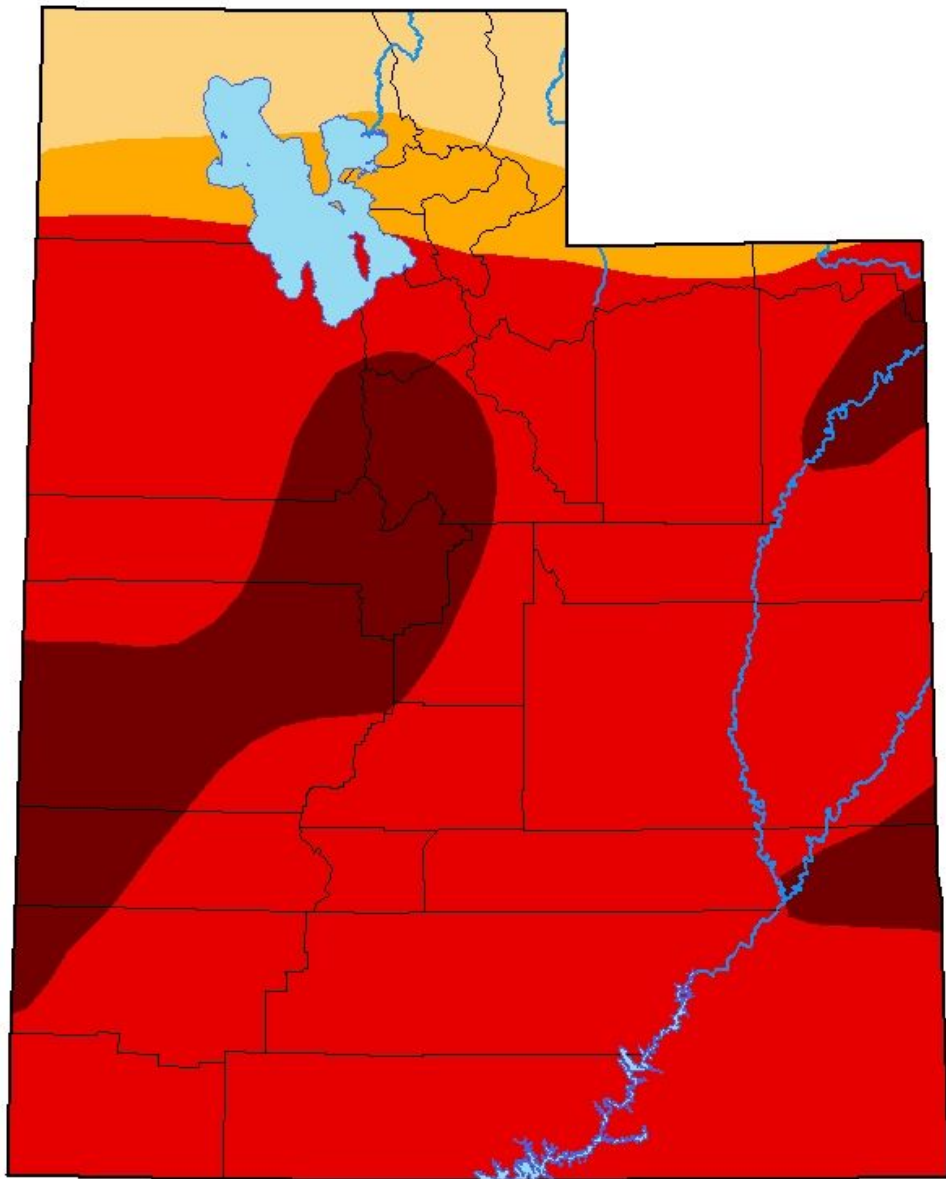
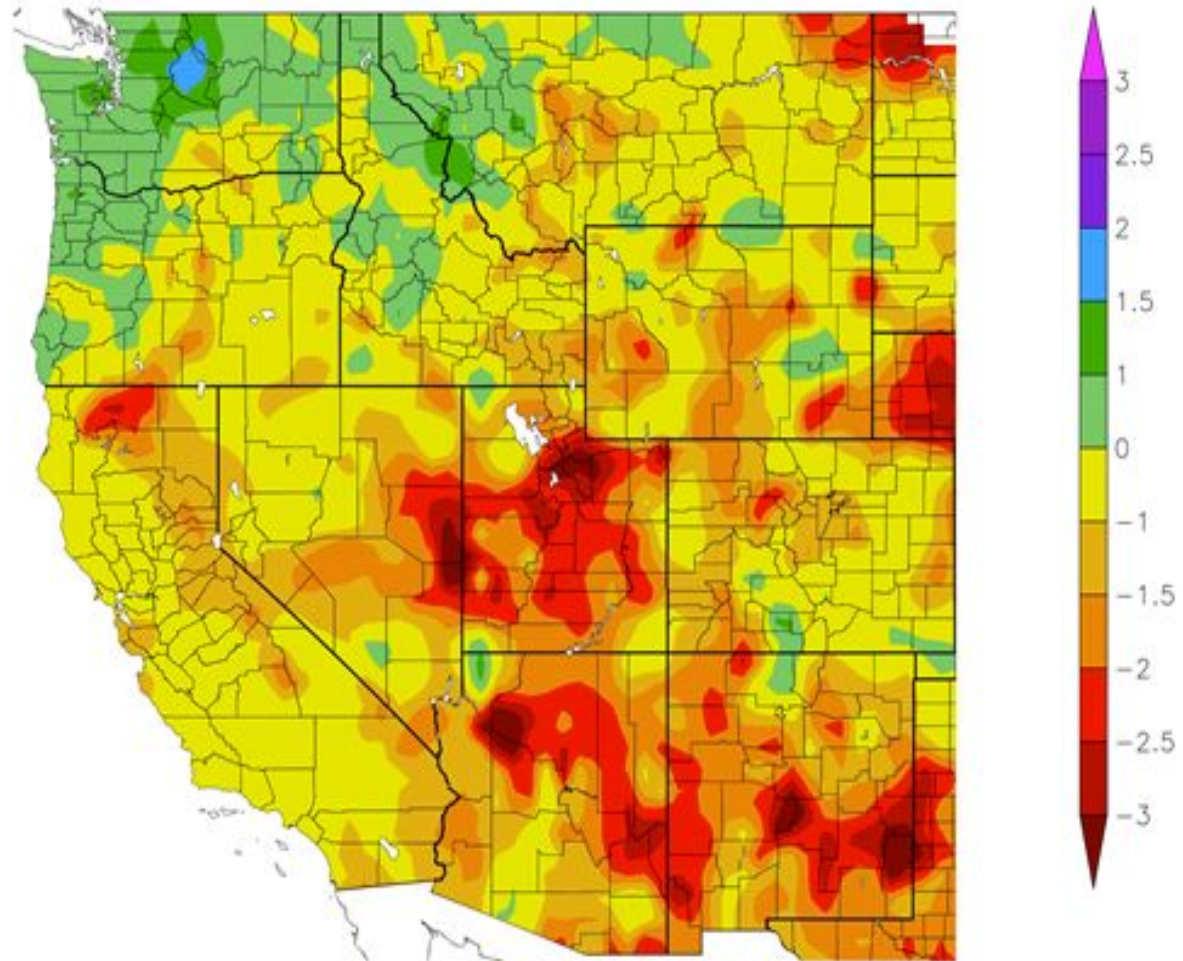
Stream flows are generally in the lowest “Percentiles” in the Historical Record



Agency - CBRFC

Presenter - Brent Bernard

60 Day SPI
8/20/2020 - 10/18/2020



October 15, 2020

10/19/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers Ge