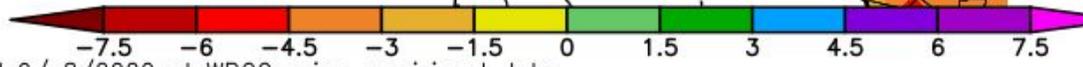
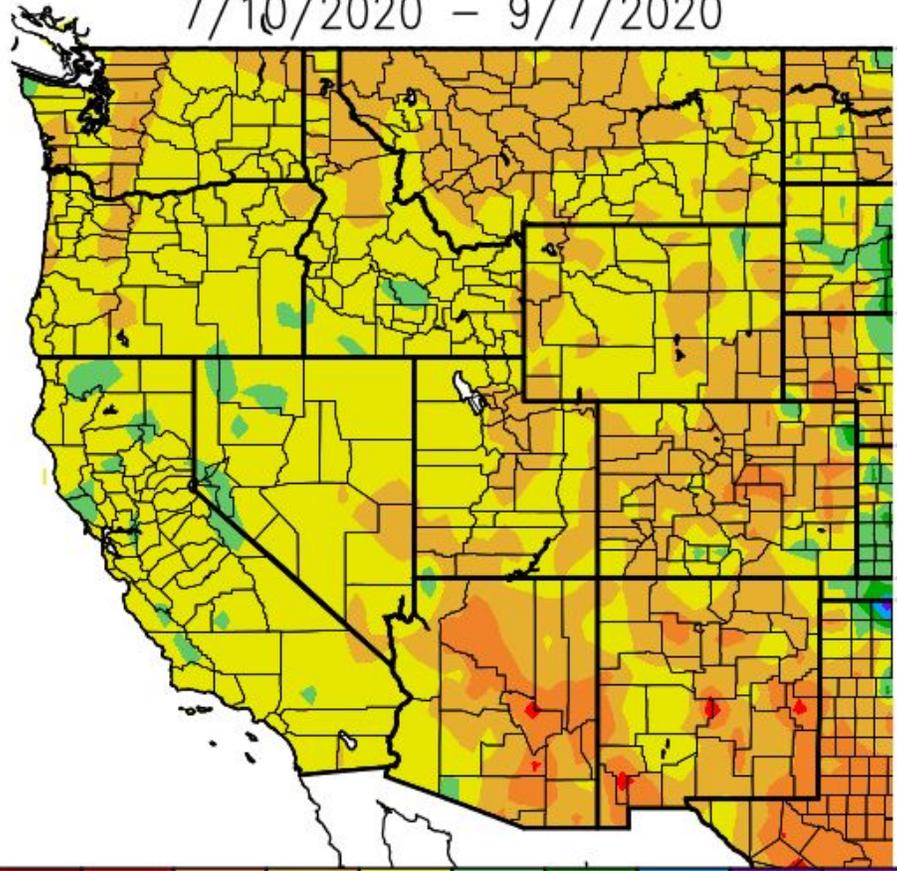




Utah Drought Monitor Webinar

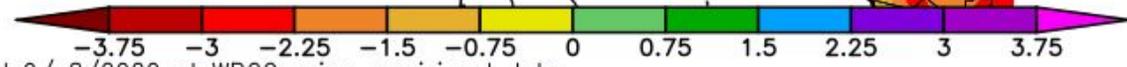
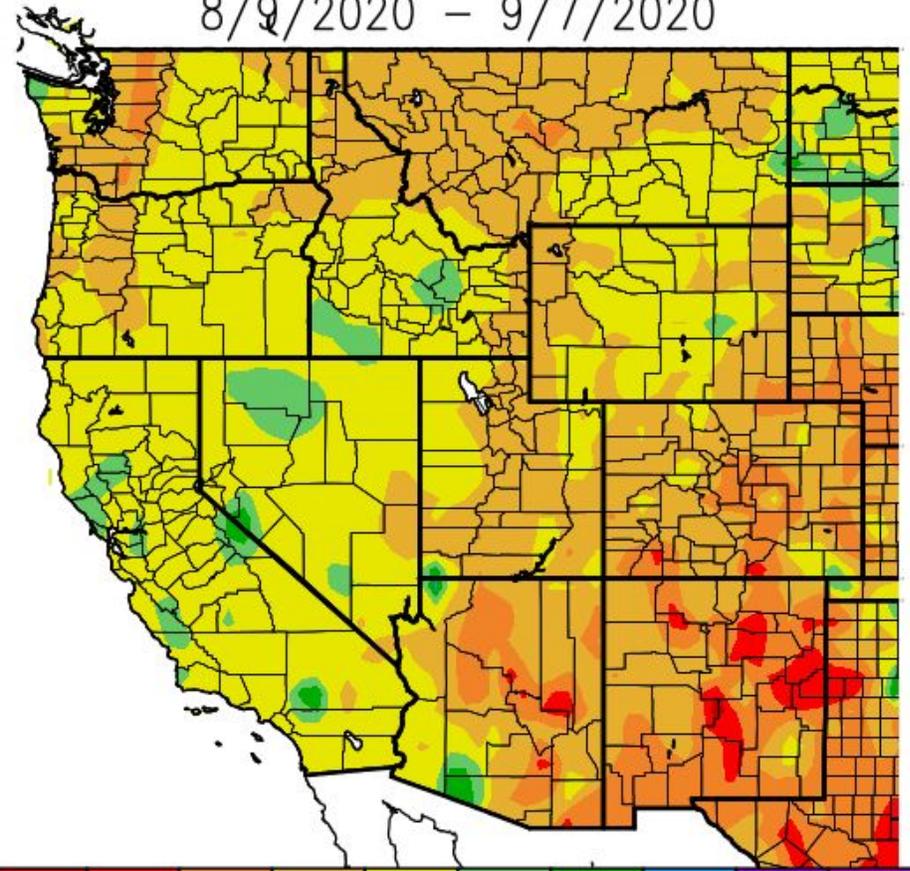
September 8, 2020

Precipitation Departure from Average (in.)
7/10/2020 – 9/7/2020



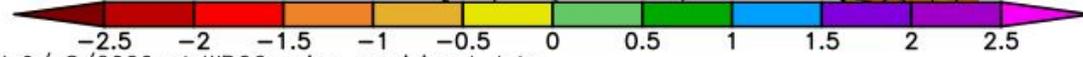
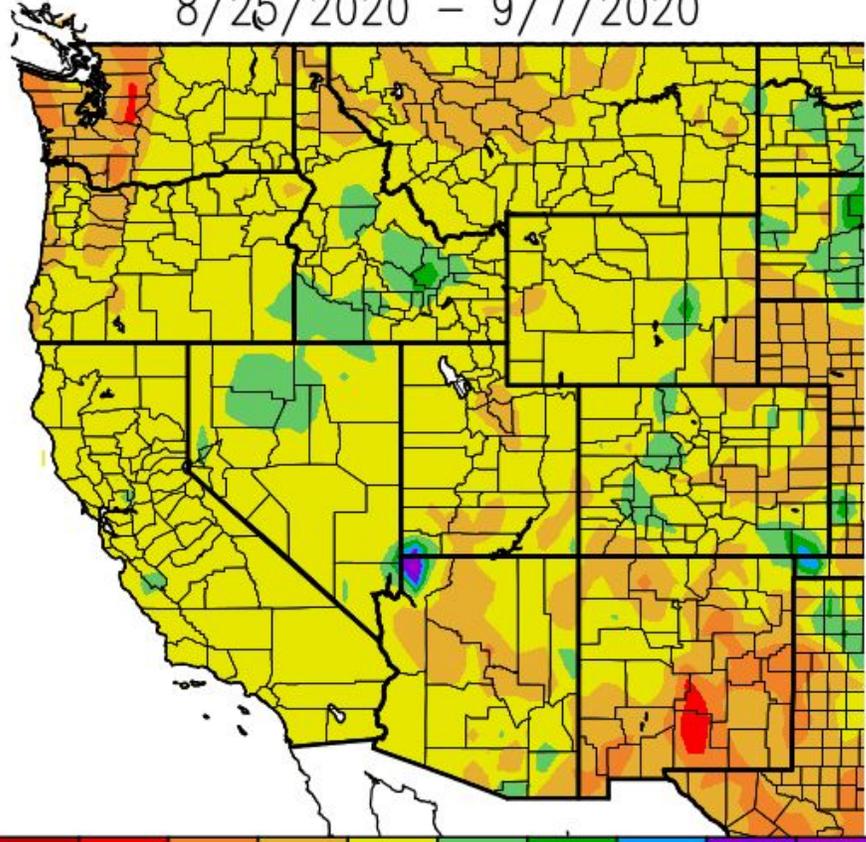
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Precipitation Departure from Average (in.)
8/9/2020 – 9/7/2020



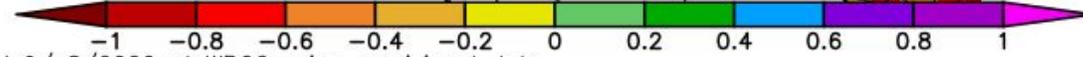
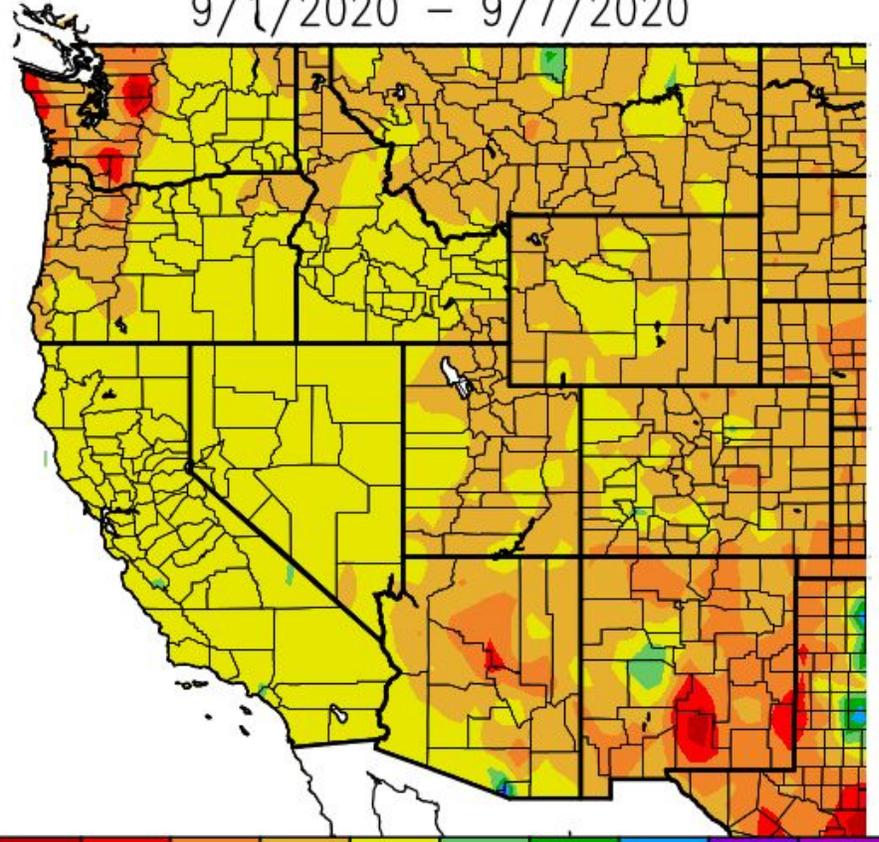
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NOAA Regional Climate Centers

Precipitation Departure from Average (in.)
8/25/2020 - 9/7/2020



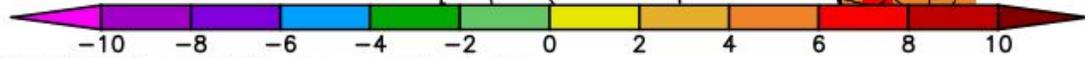
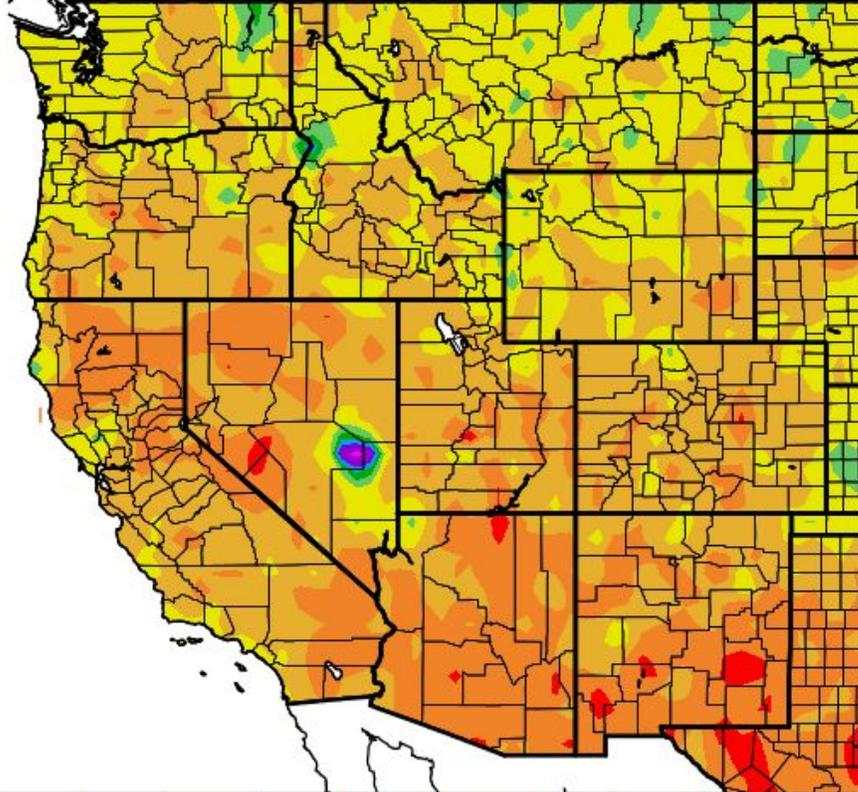
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NOAA Regional Climate Centers

Precipitation Departure from Average (in.)
9/1/2020 - 9/7/2020



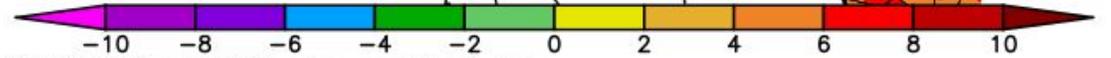
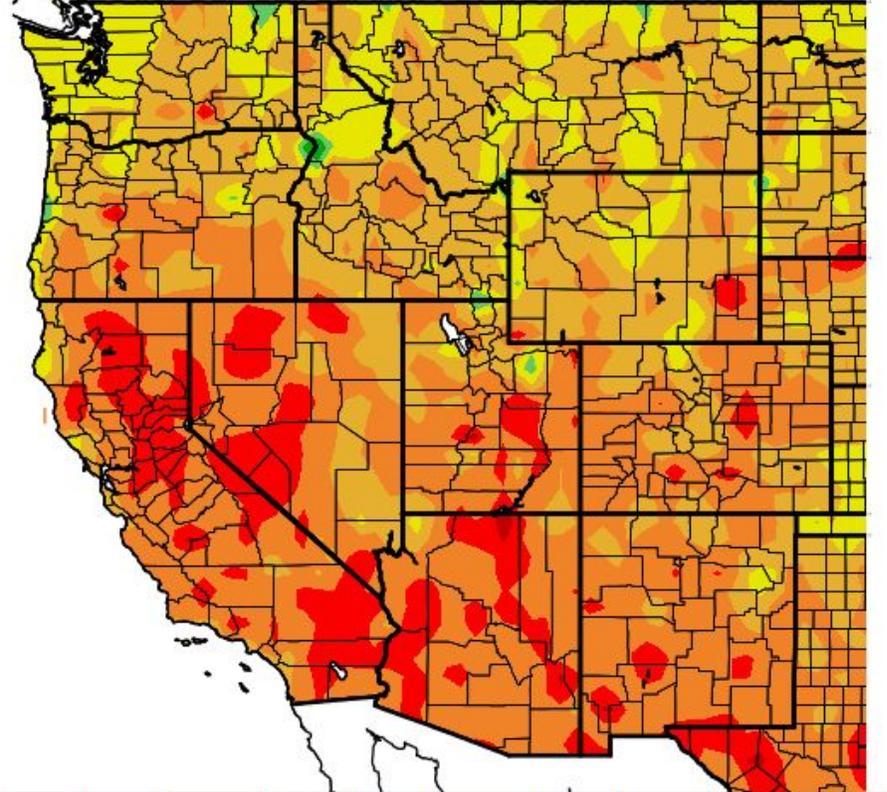
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Ave. Temperature dep from Ave (deg F)
7/10/2020 - 9/7/2020



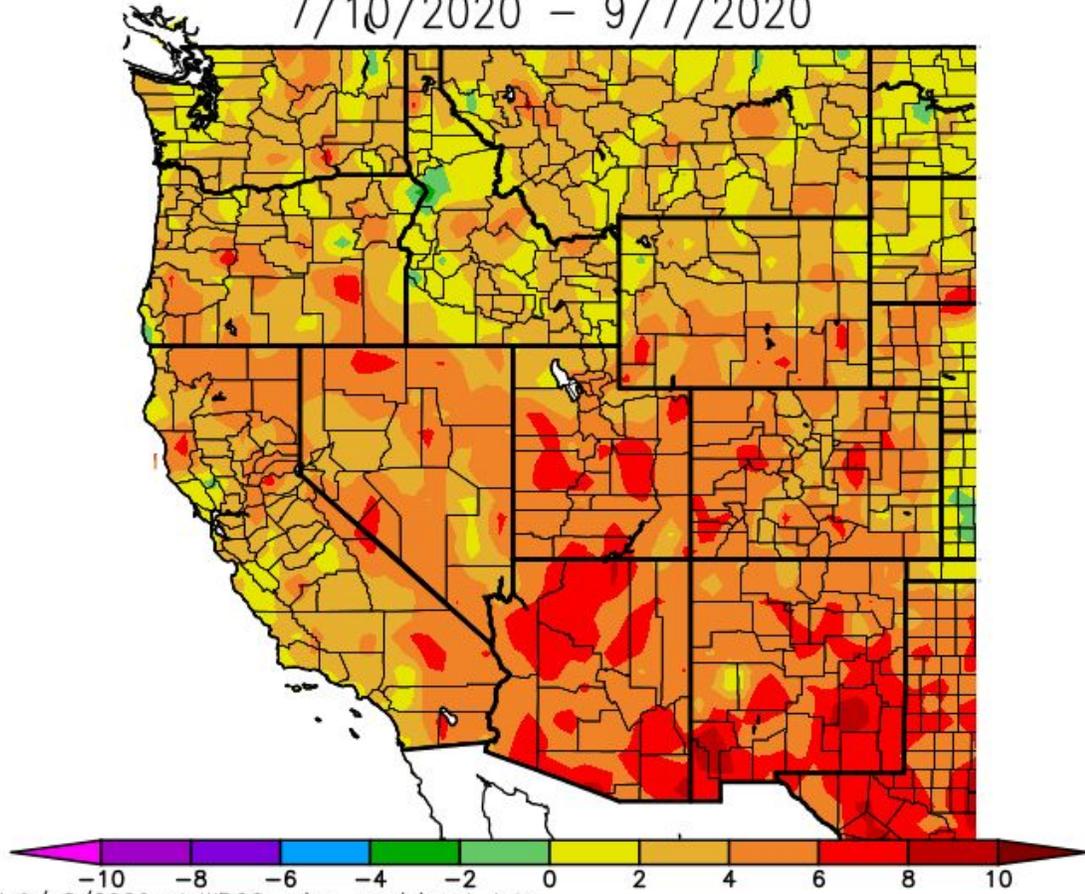
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Ave. Temperature dep from Ave (deg F)
8/9/2020 - 9/7/2020



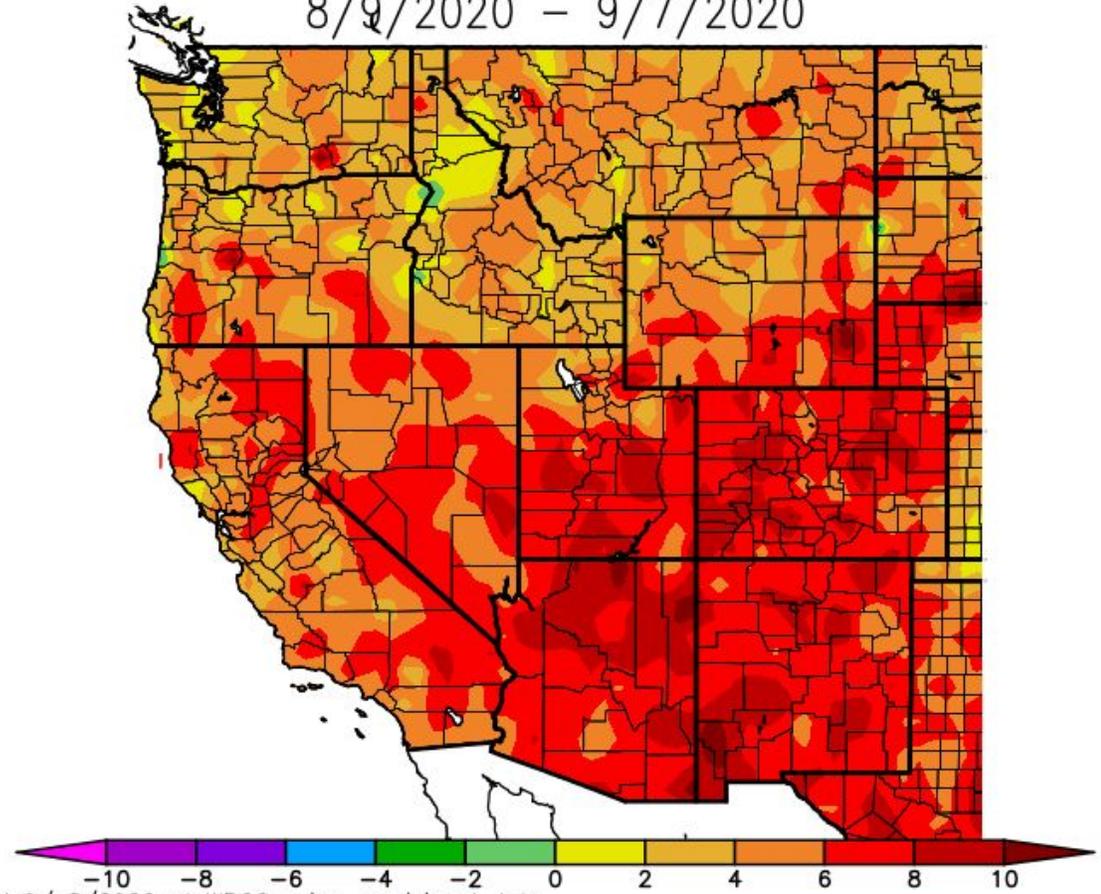
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
7/10/2020 - 9/7/2020



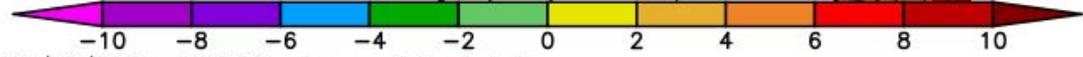
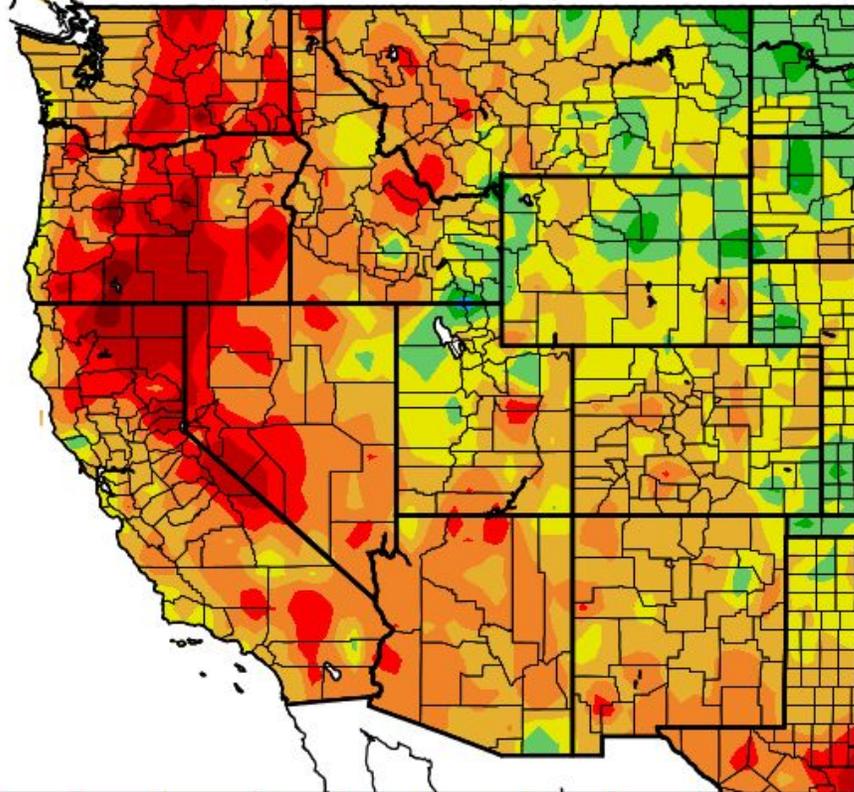
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
8/9/2020 - 9/7/2020



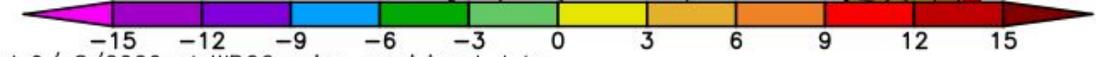
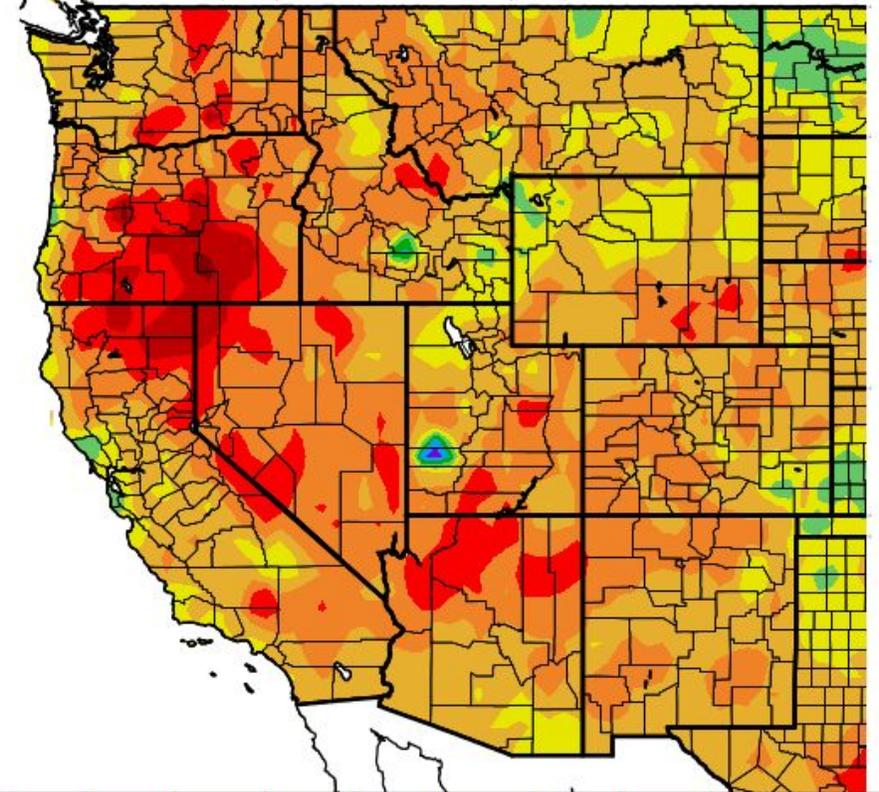
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Ave. Temperature dep from Ave (deg F)
9/1/2020 - 9/7/2020



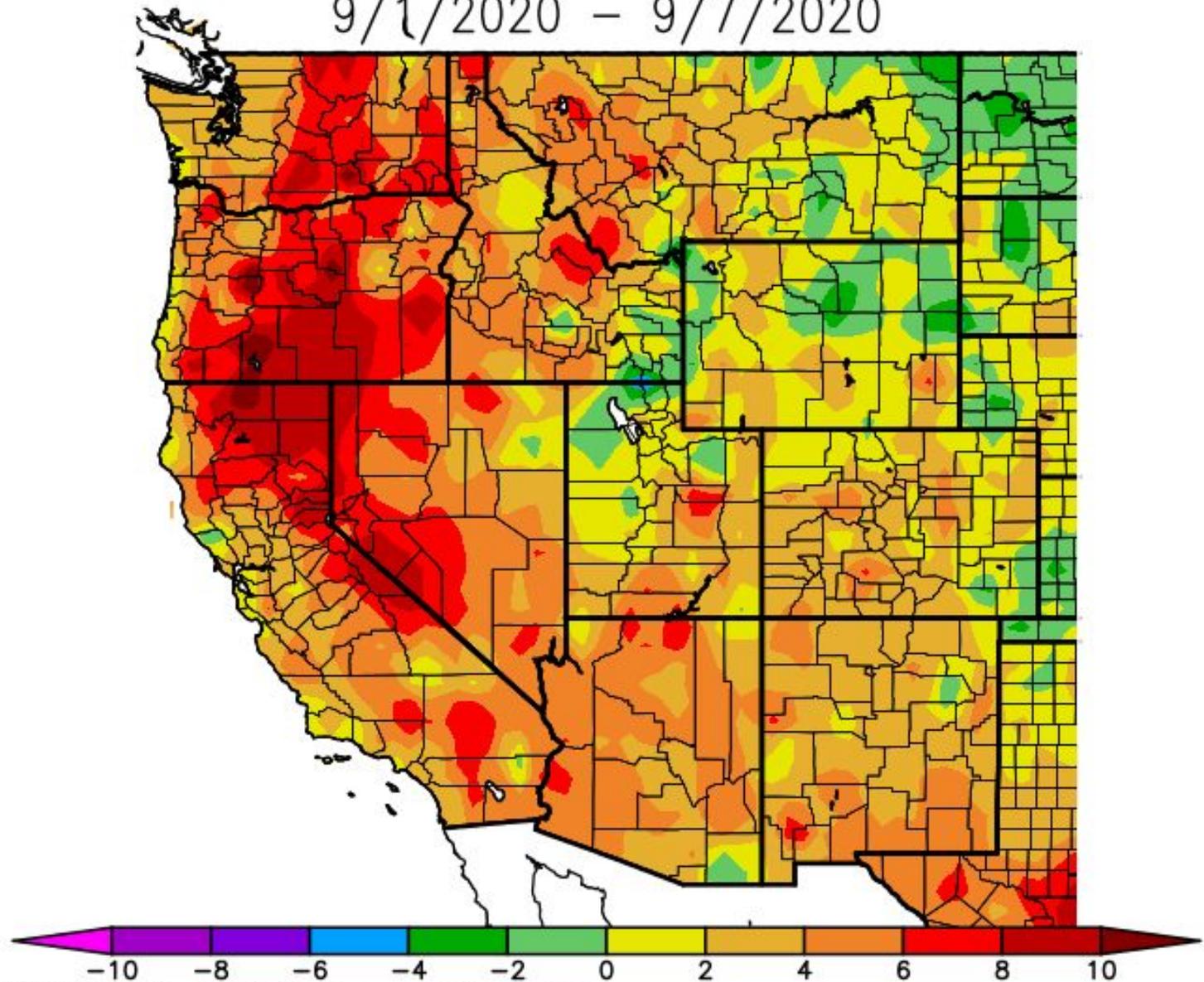
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
9/1/2020 - 9/7/2020



Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Ave. Temperature dep from Ave (deg F)
9/1/2020 - 9/7/2020

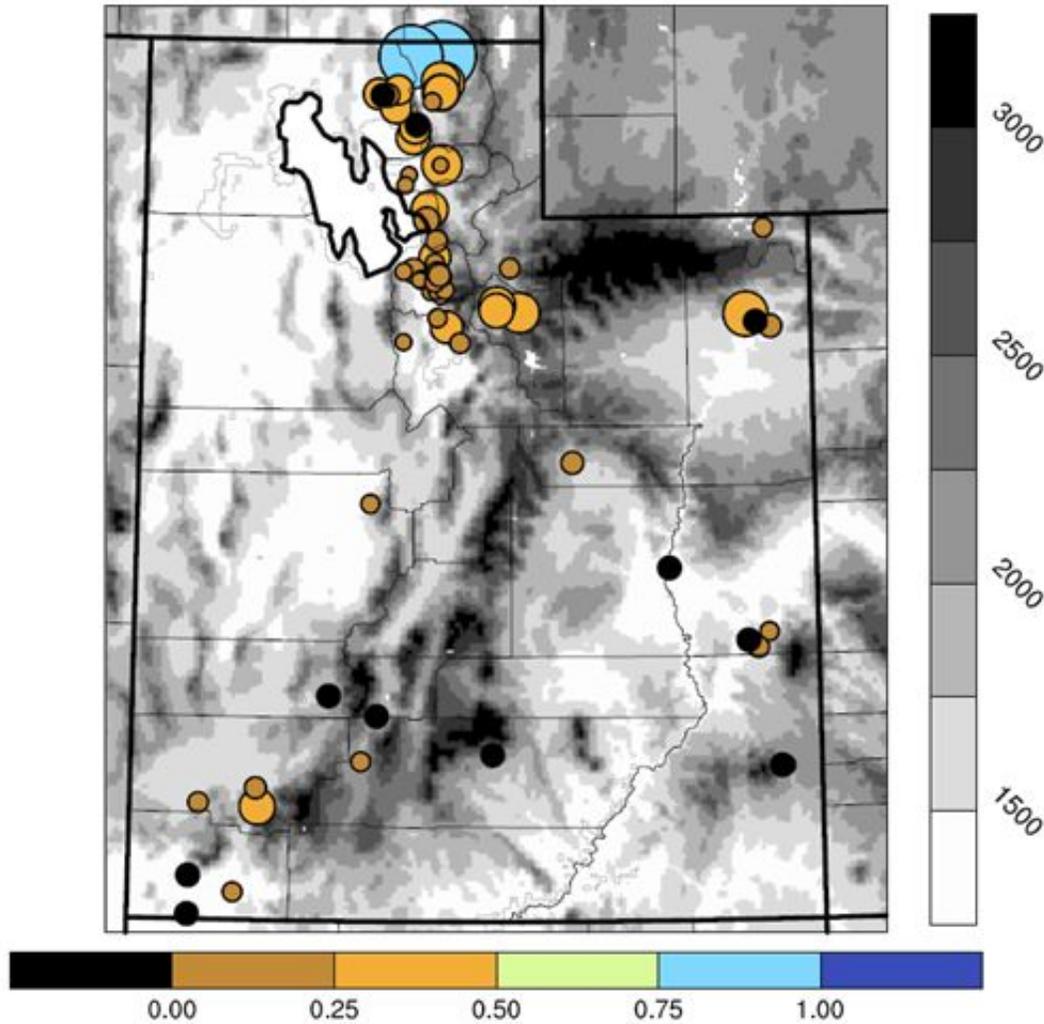


Agency -
Presenter -

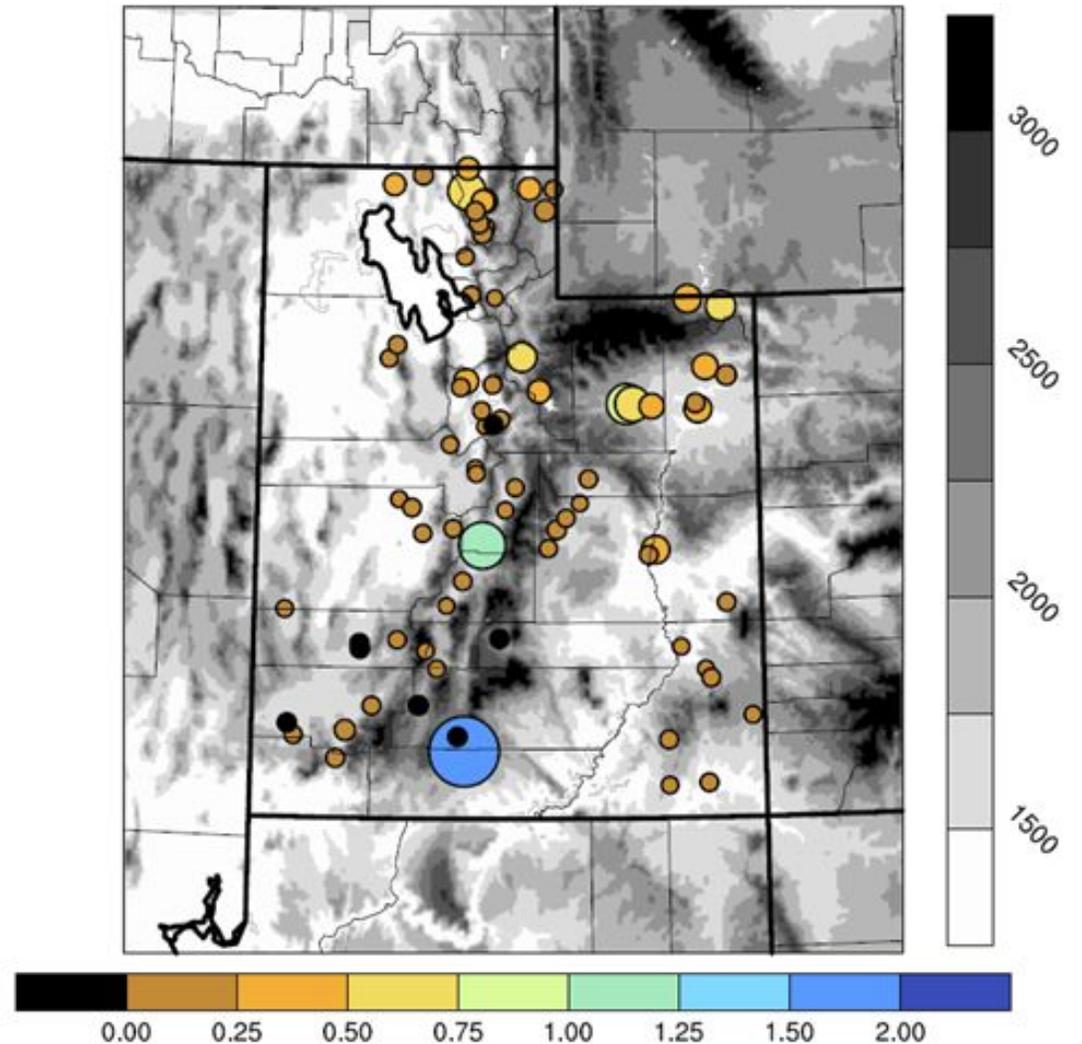
Generated 9/ 8/2020 at WRCC using provisional data.
NOAA Regional Climate Centers

Surface station Observations: Month of May

CoCoRaHS



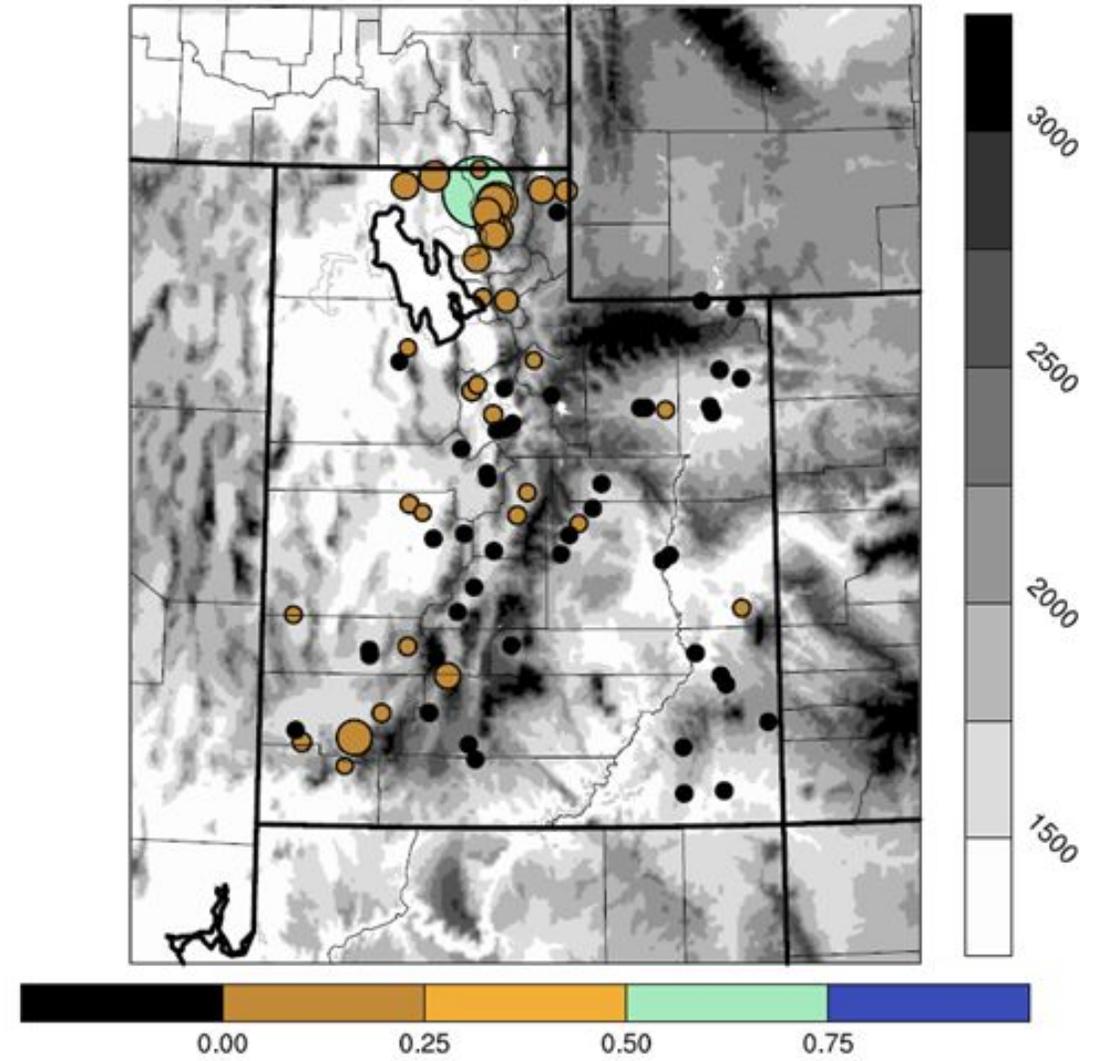
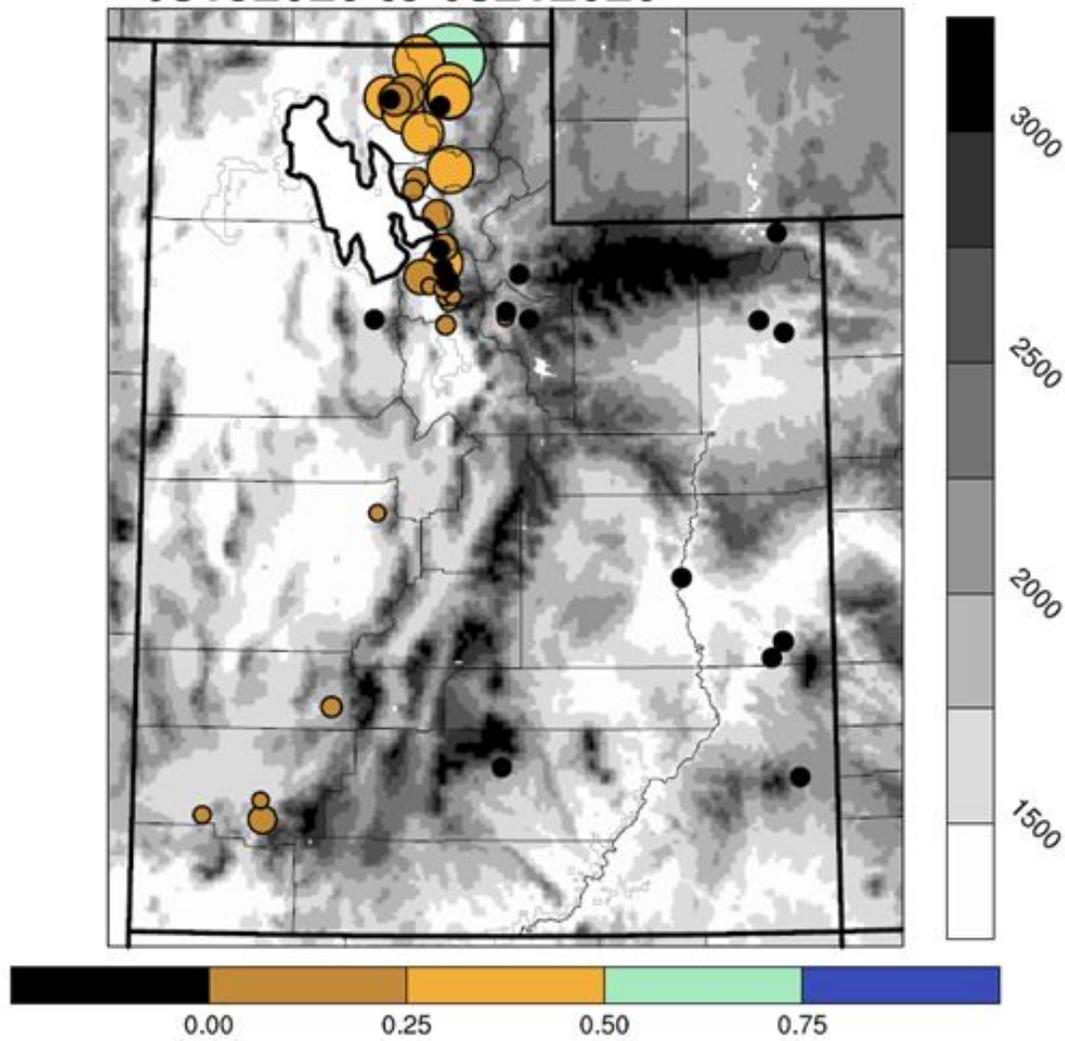
UCC Stations



Surface station Observations: Last two days

CoCoRaHS

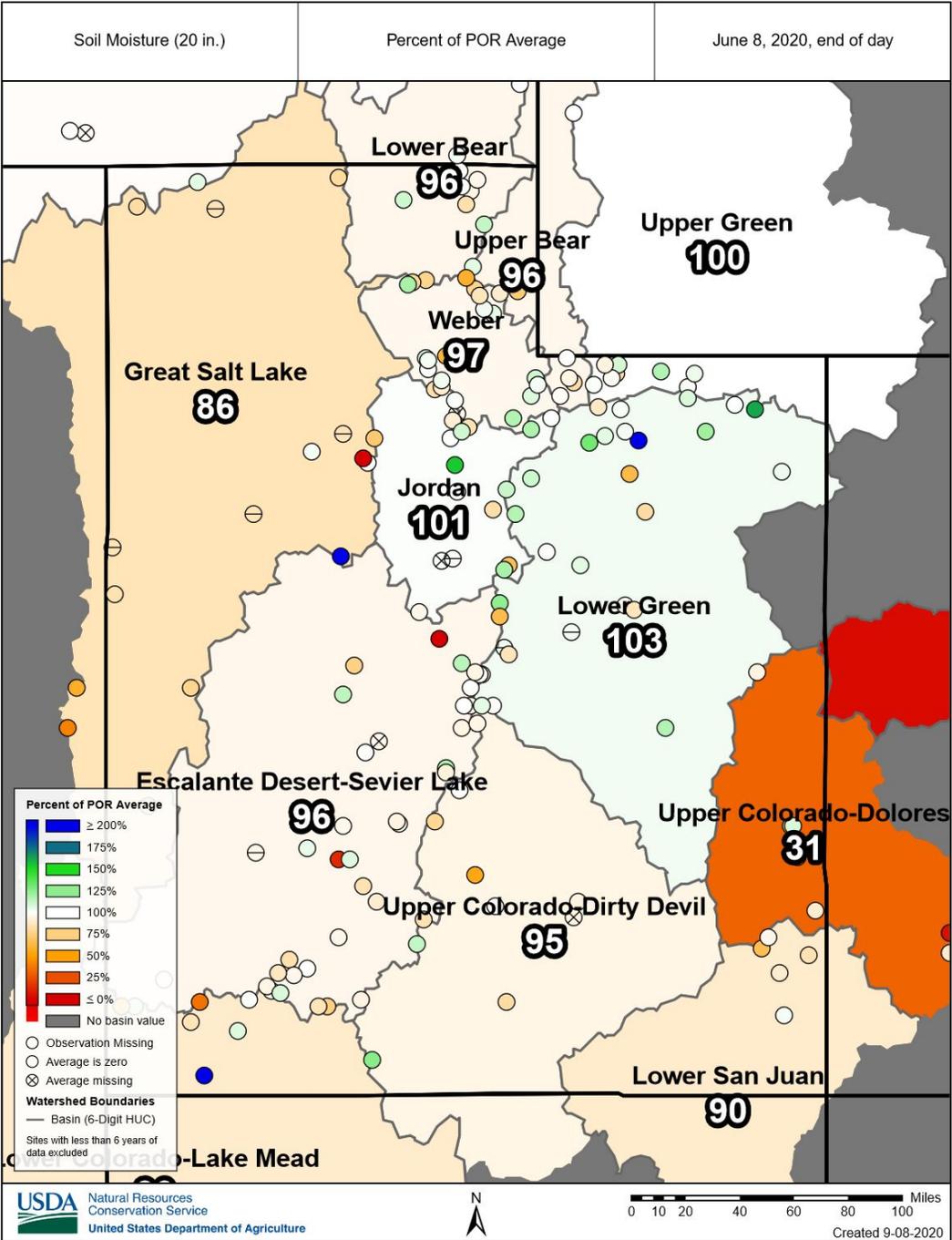
UCC Stations



Soil Moisture (Current):

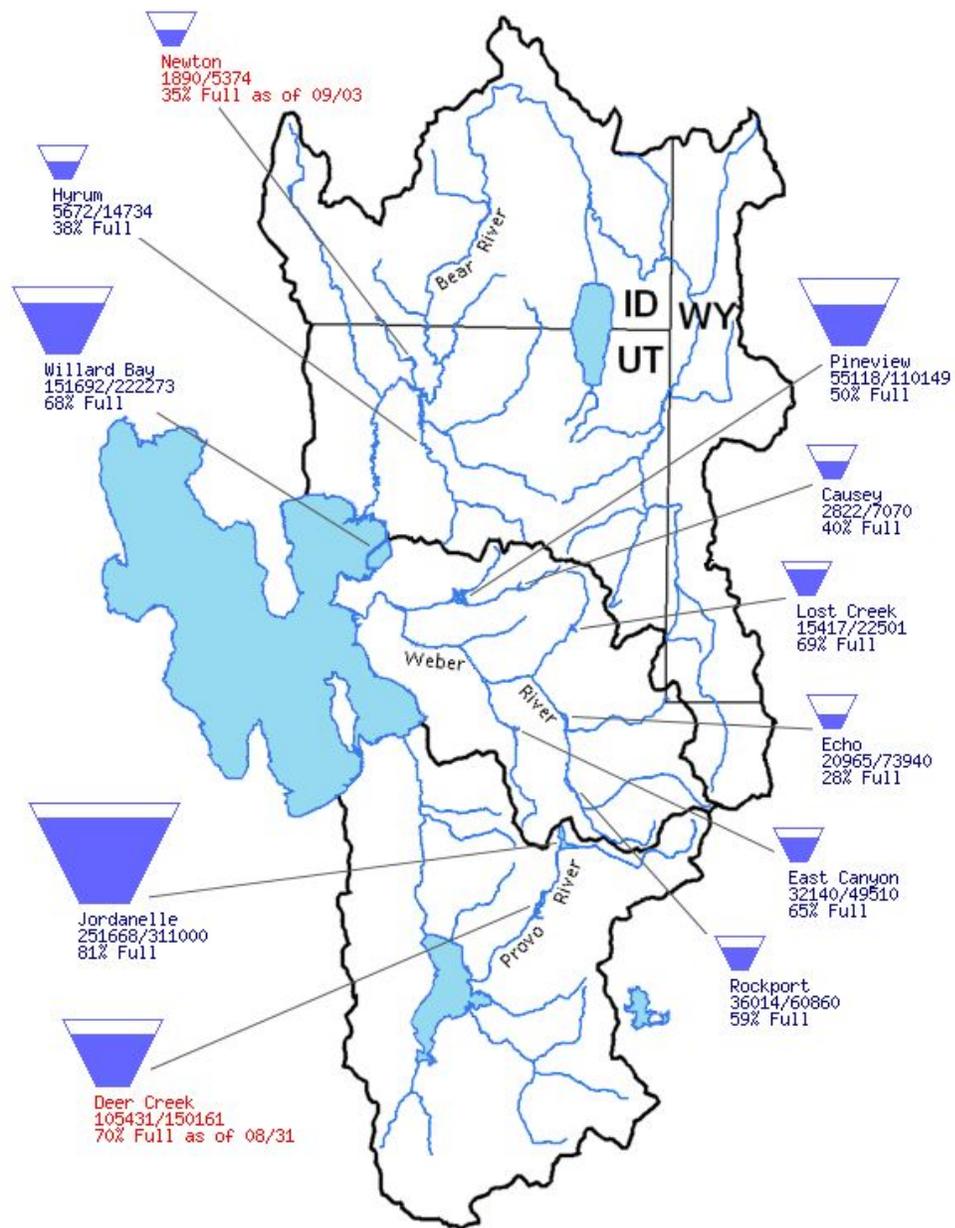
Mountain locations (SNOTEL data) combined with valley locations (SCAN data)

20" depth sensor

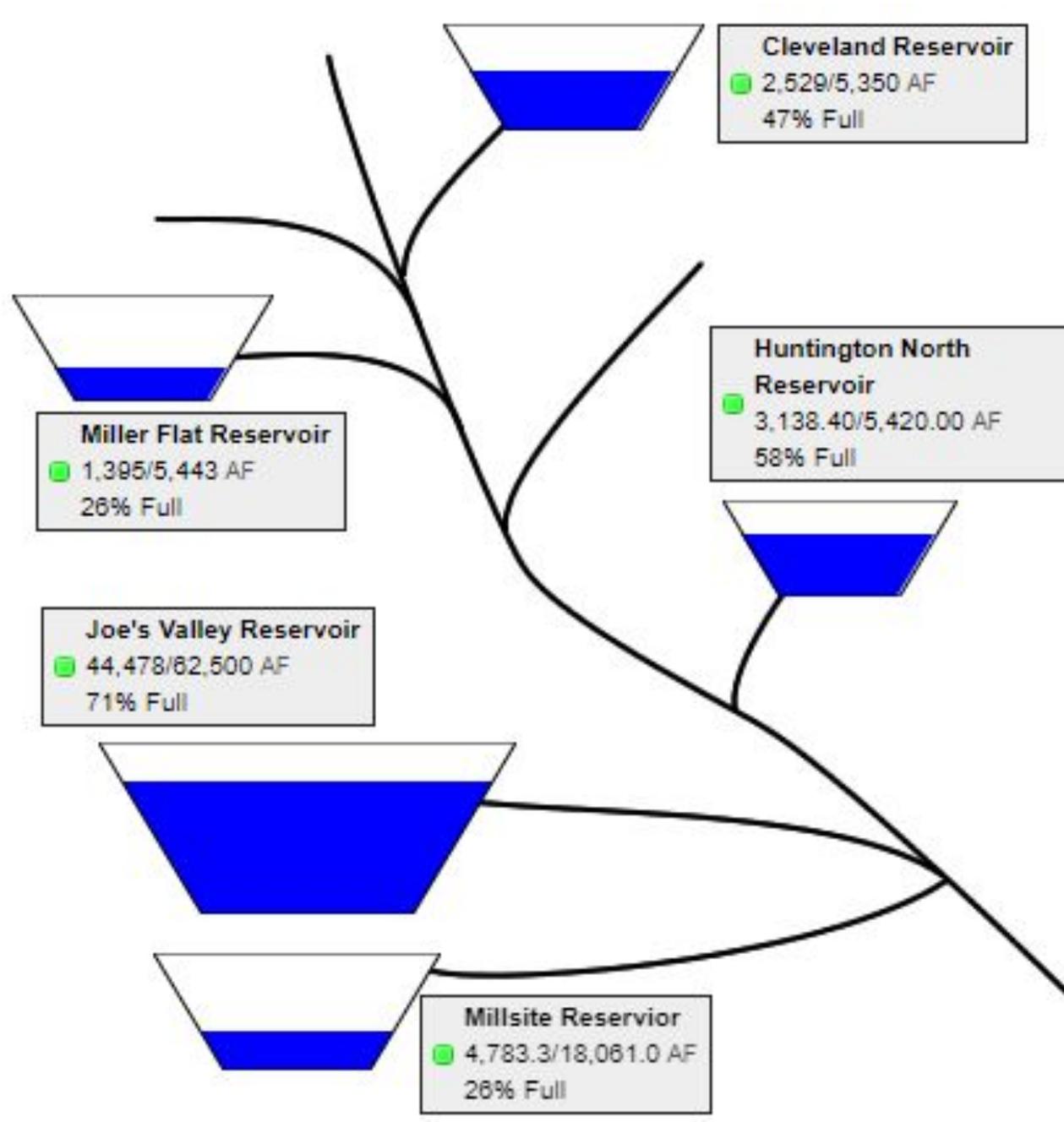


Data Current as of:
09/07/2020

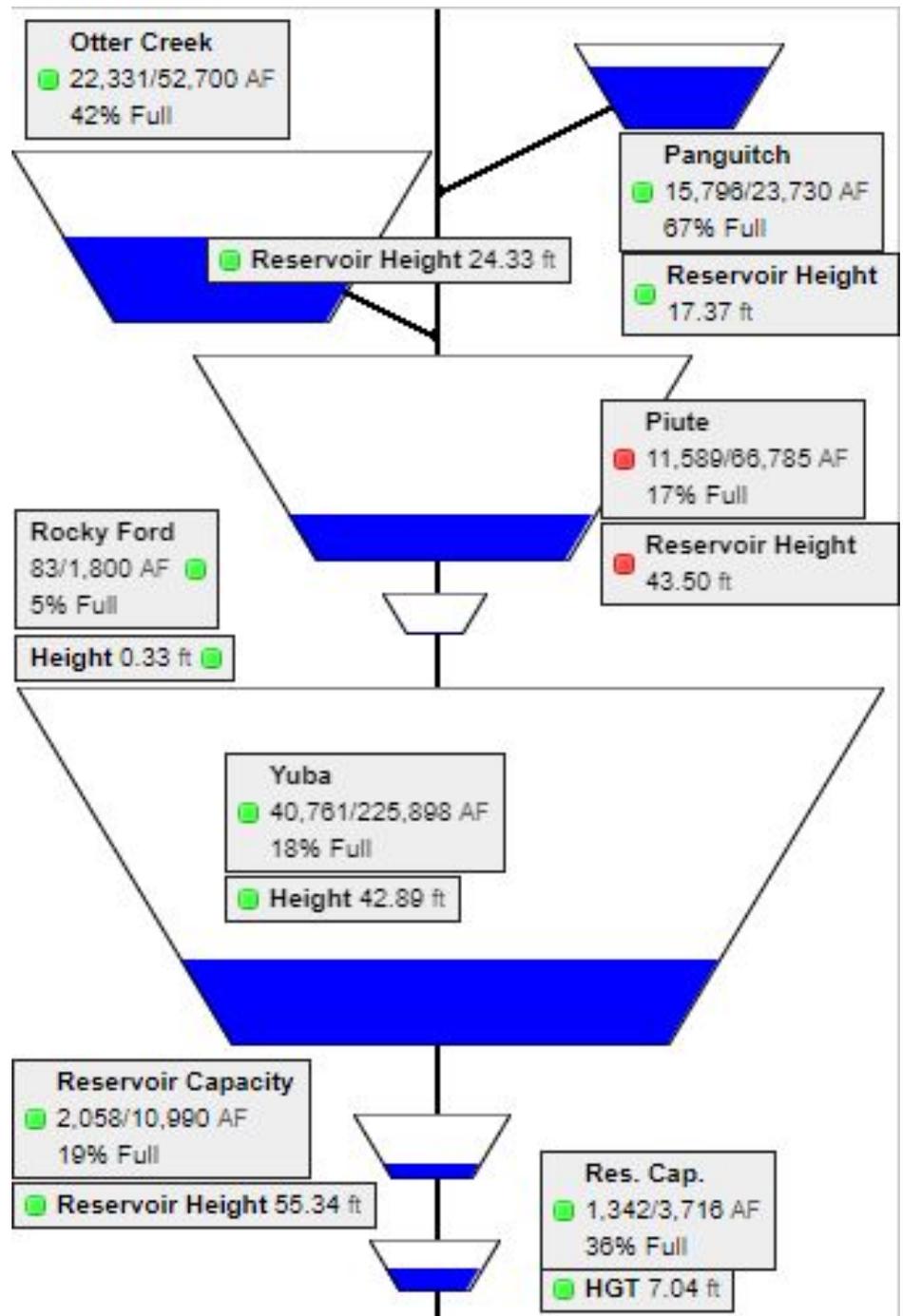
Bear, Weber, and Provo River Basins



Agency - Bureau of Reclamation
Presenter - Laura Haskell



Agency - Emery Water Conservancy
District data
Presenter - Laura Haskell



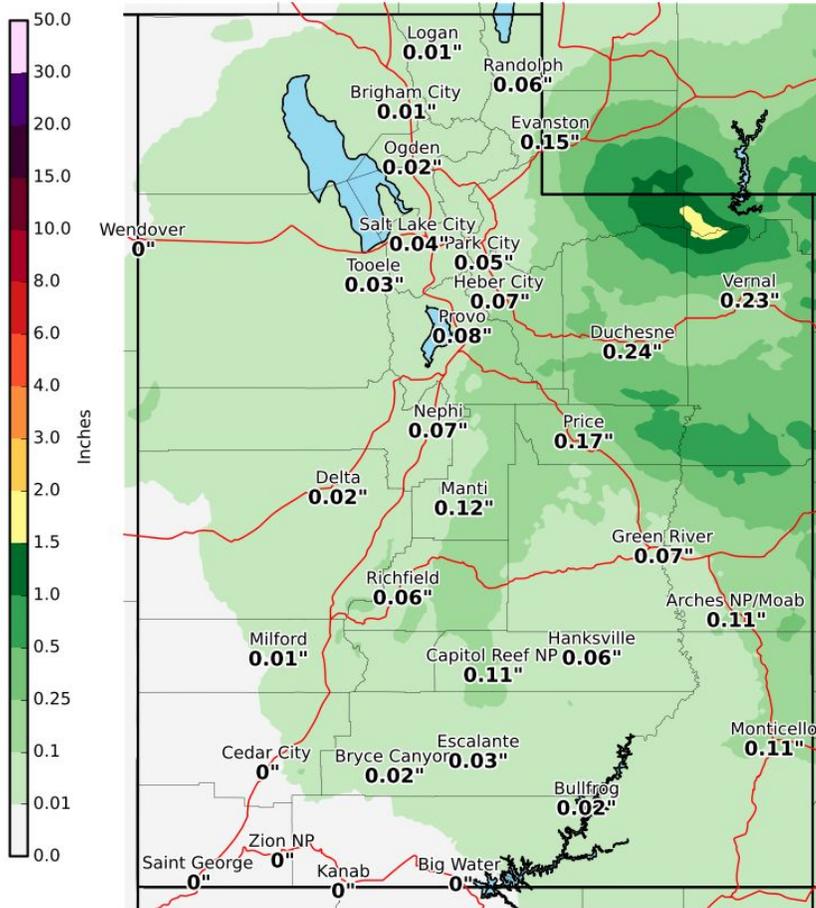
Agency - Sevier River Water
 Users Association data
 Presenter - Laura Haskell

Weather Forecast Office Utah Day 1-7 Outlook



Expected Liquid Precip - Official NWS Forecast

Valid: 09/08/2020 06:00 AM - 09/09/2020 06:00 AM



Key Points

- Potent storm system will continue to impact portions of the region into Wednesday with valley rain and mountain snow
 - Valley locations will generally see less than a tenth of an inch of additional precipitation
 - Mountain locations, especially over the eastern half of Utah, could see an additional quarter of an inch of liquid equivalent precipitation
- Cooler than normal readings will continue through Thursday, with some light showers possible, primarily over the higher terrain
- A ridge of high pressure will build over the region late in the week, then hold over the area into early next week
 - With the ridge, will see temperatures trending to near normal readings
 - Dry weather is expected



National Weather Service
Salt Lake City Utah

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weather.gov/SaltLakeCity

Agency - National Weather Service Weather Forecast Office Salt Lake City, UT

Presenter - Kevin Barjenbruch

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



U.S. Day 3-7 Hazards Outlook

[About the Hazards Outlook](#)

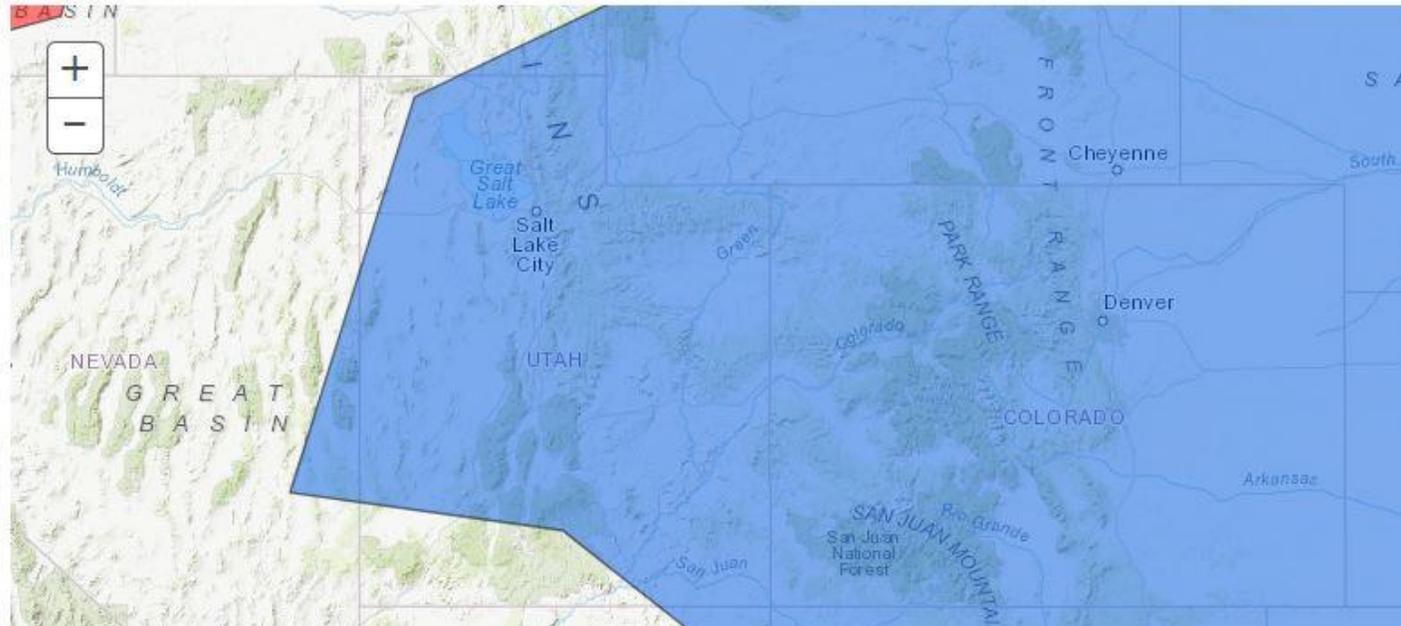
Created September 07, 2020

NOTE: These products are only created Monday through Friday. Please exercise caution using this outlook during the weekend.

Precipitation	<input type="checkbox"/>
Temperature	<input checked="" type="checkbox"/>
Soils	<input type="checkbox"/>

Legend	
Flooding Likely	Excessive Heat
Flooding Occurring or Imminent	High Winds
Flooding Possible	Much Above Normal Temperatures
Freezing Rain	Much Below Normal Temperatures
Heavy Ice	Significant Waves
Heavy Precipitation	Enhanced Wildfire Risk
Heavy Rain	Severe Drought
Heavy Snow	
Severe Weather	

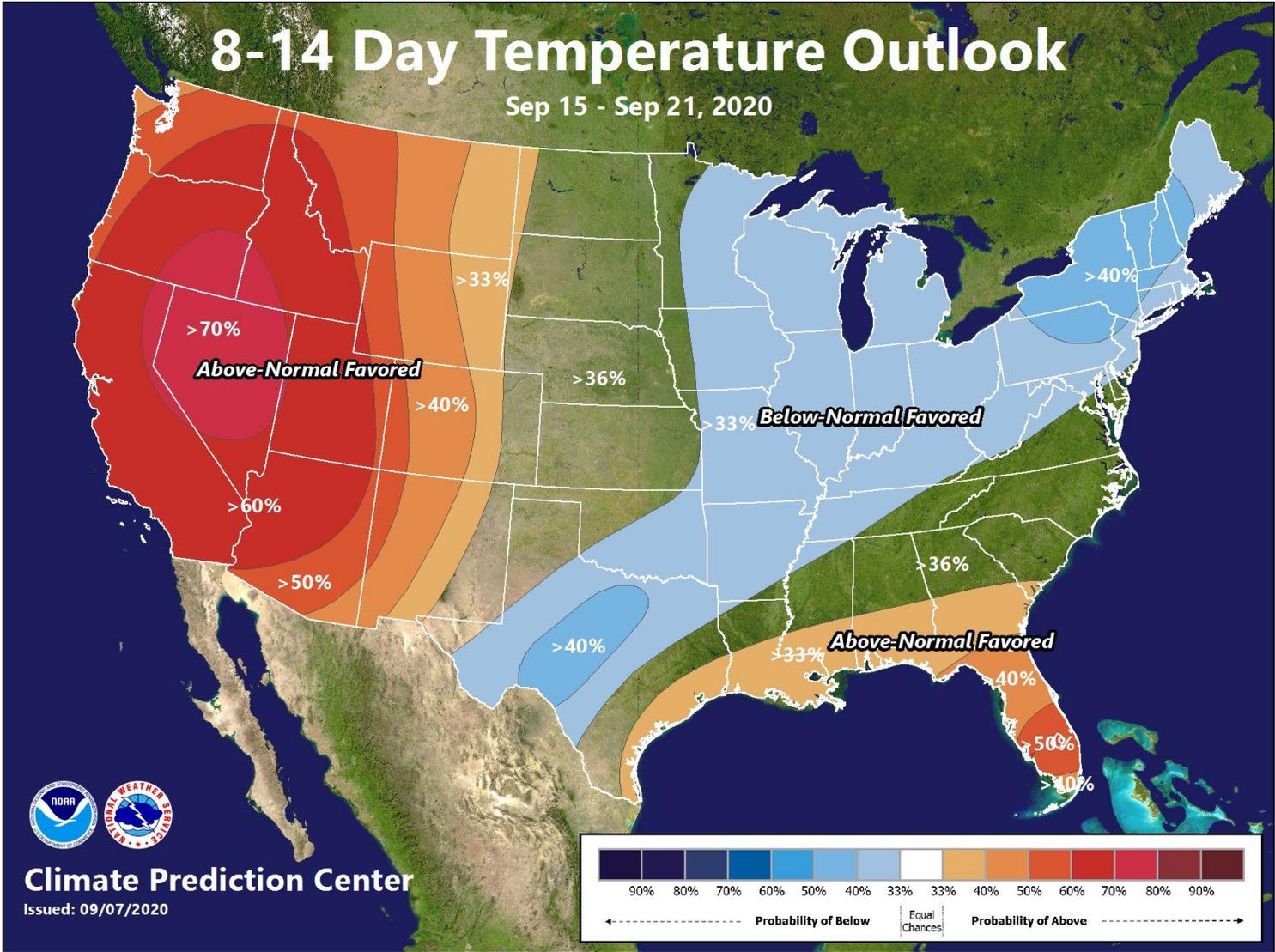
Valid September 10, 2020 - September 14, 2020



Agency - National Weather Service Weather Forecast Office Salt Lake City, UT

Presenter - Kevin Barjenbruch

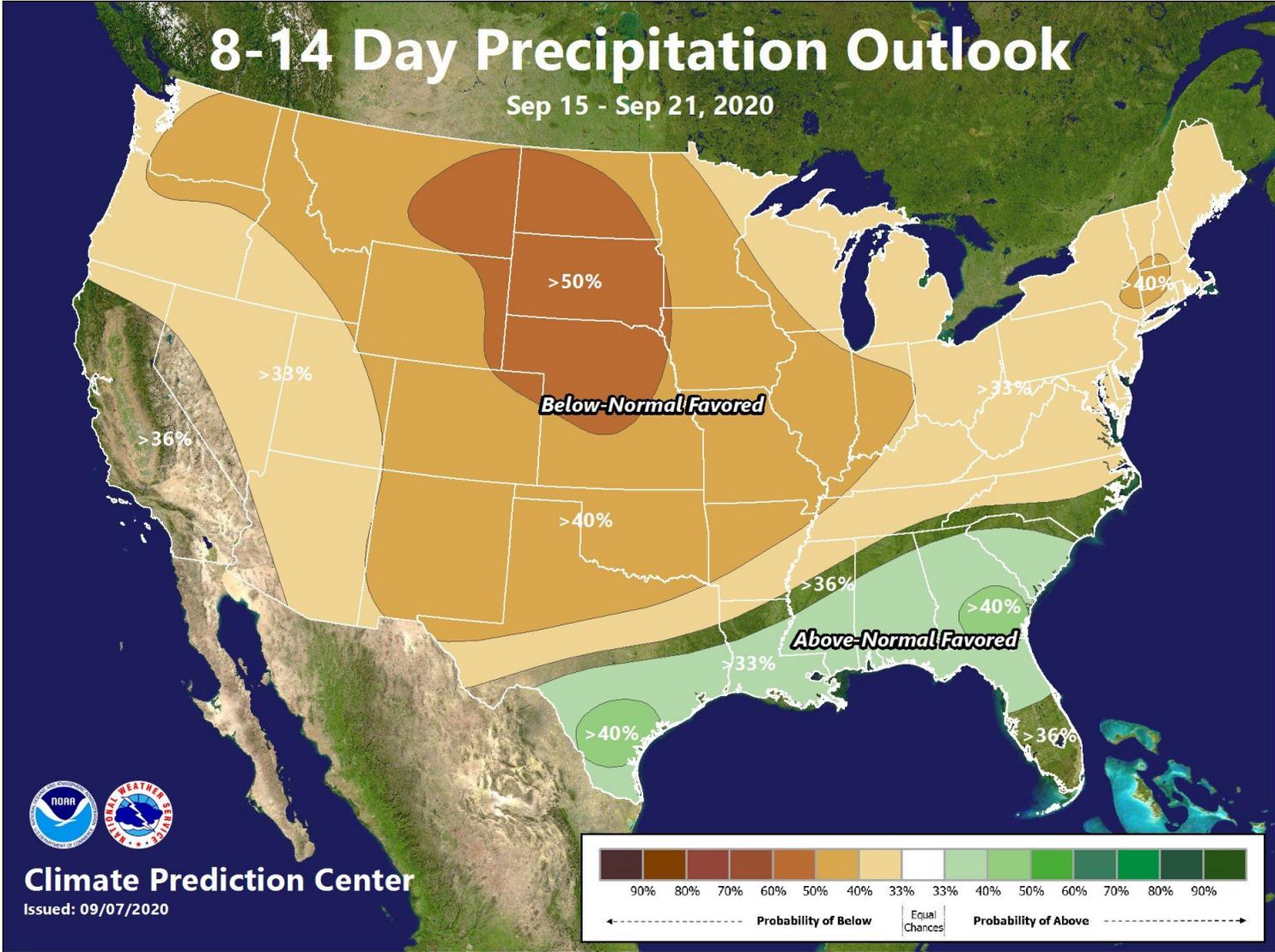
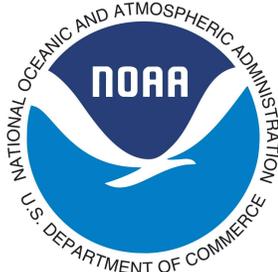
Climate Prediction Center 8 to 14 Day Outlooks - Temperature



Agency - National Weather Service Weather Forecast Office Salt Lake City, UT

Presenter - Kevin Barjenbruch

Climate Prediction Center 8 to 14 Day Outlooks - Precipitation



Agency - National Weather Service Weather Forecast Office Salt Lake City, UT

Presenter - Kevin Barjenbruch

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

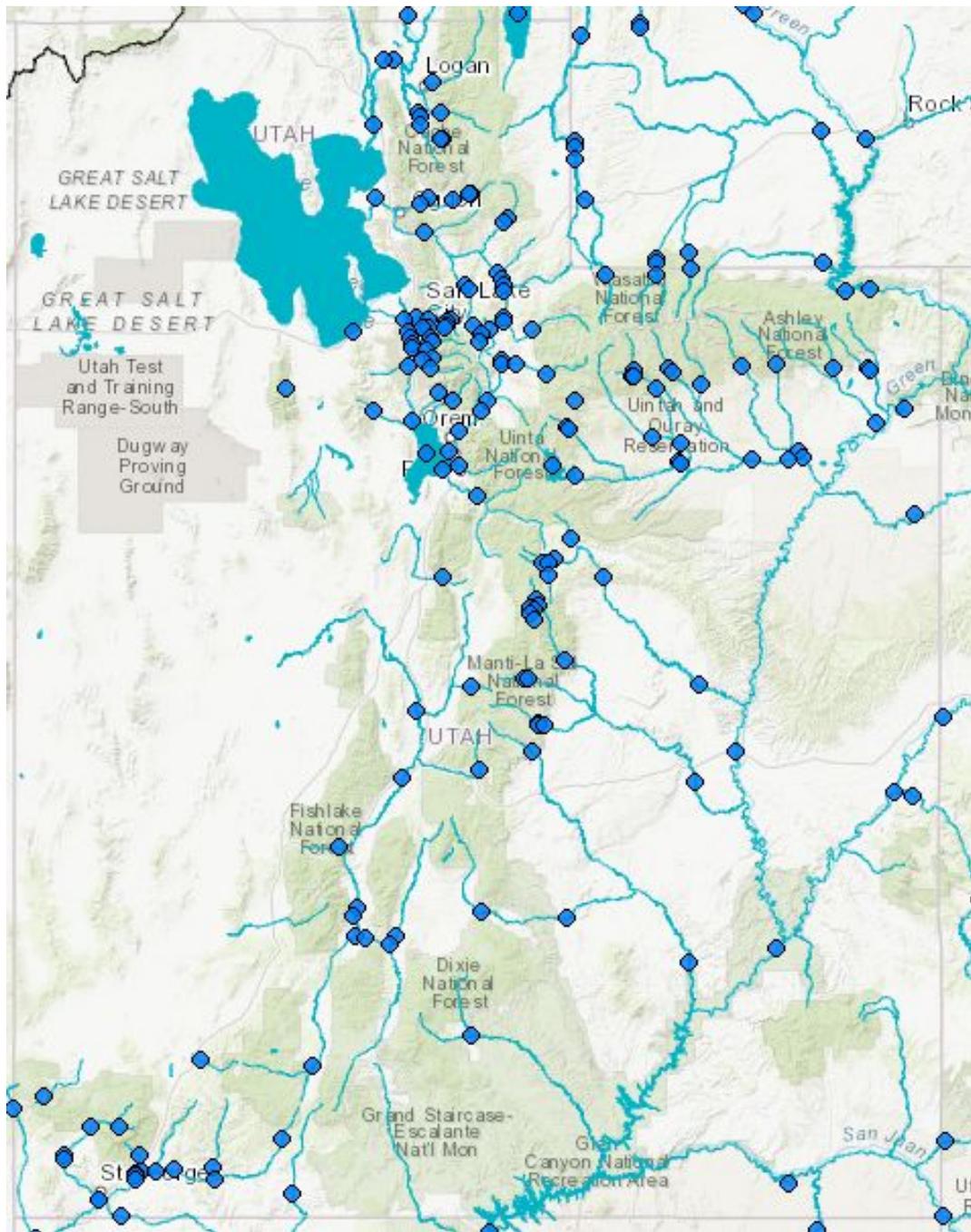


U.S. Week-2 Hazards Outlook - Made September 07, 2020 | [About the Hazards Outlook](#)

Type and Period	Temperature	Precipitation	Snow	Wind
Composite Days 8-14 Map	No Hazards	No Hazards	No Hazards	No Hazards
Probabilistic Days 8-14 Map	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No Hazards	No Hazards



Agency - National Weather Service Weather Forecast Office Salt Lake City, UT
Presenter - Kevin Barjenbruch

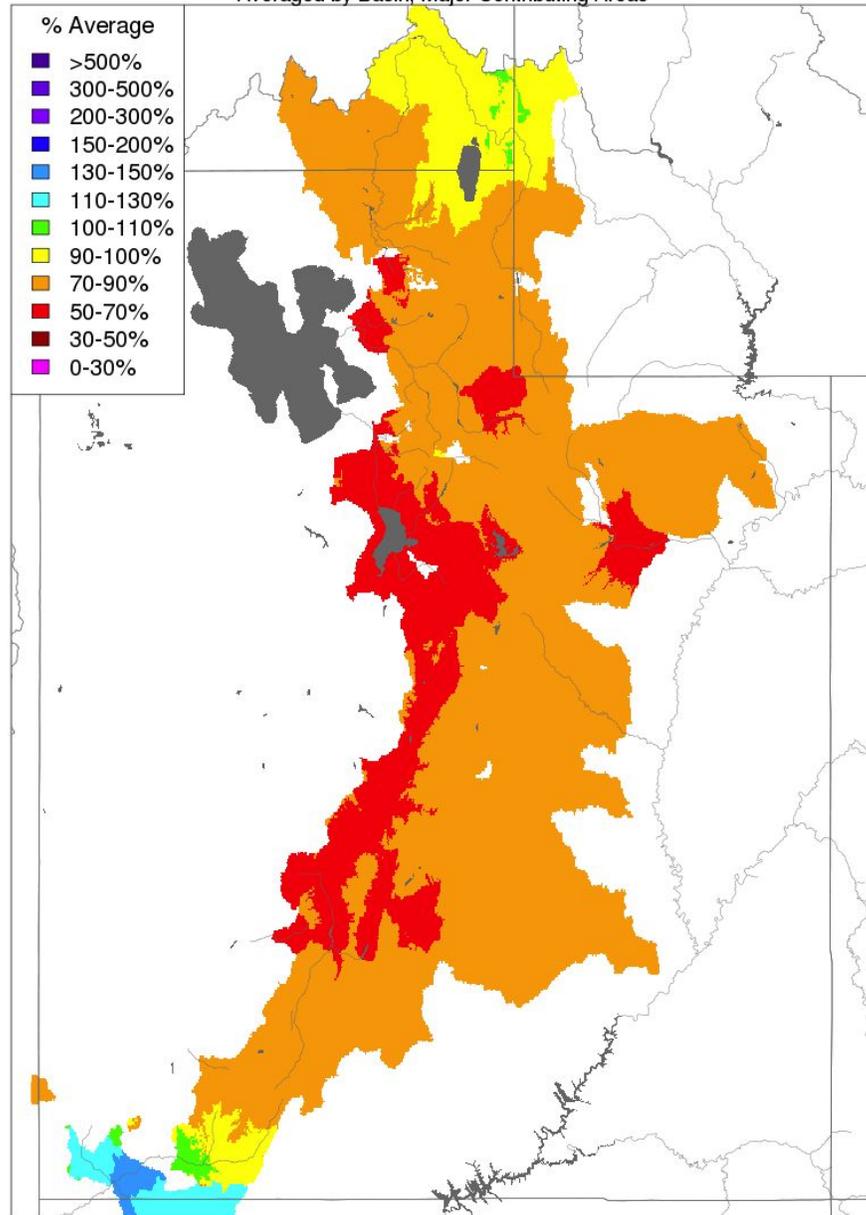


Precipitation has been well below average for the water year and month to date, resulting in lower than normal flows and dry soil moisture conditions.

No significant hydrologic activity is forecasted over at least the next 10 days.

Water Year Precipitation, October 2019 - August 2020

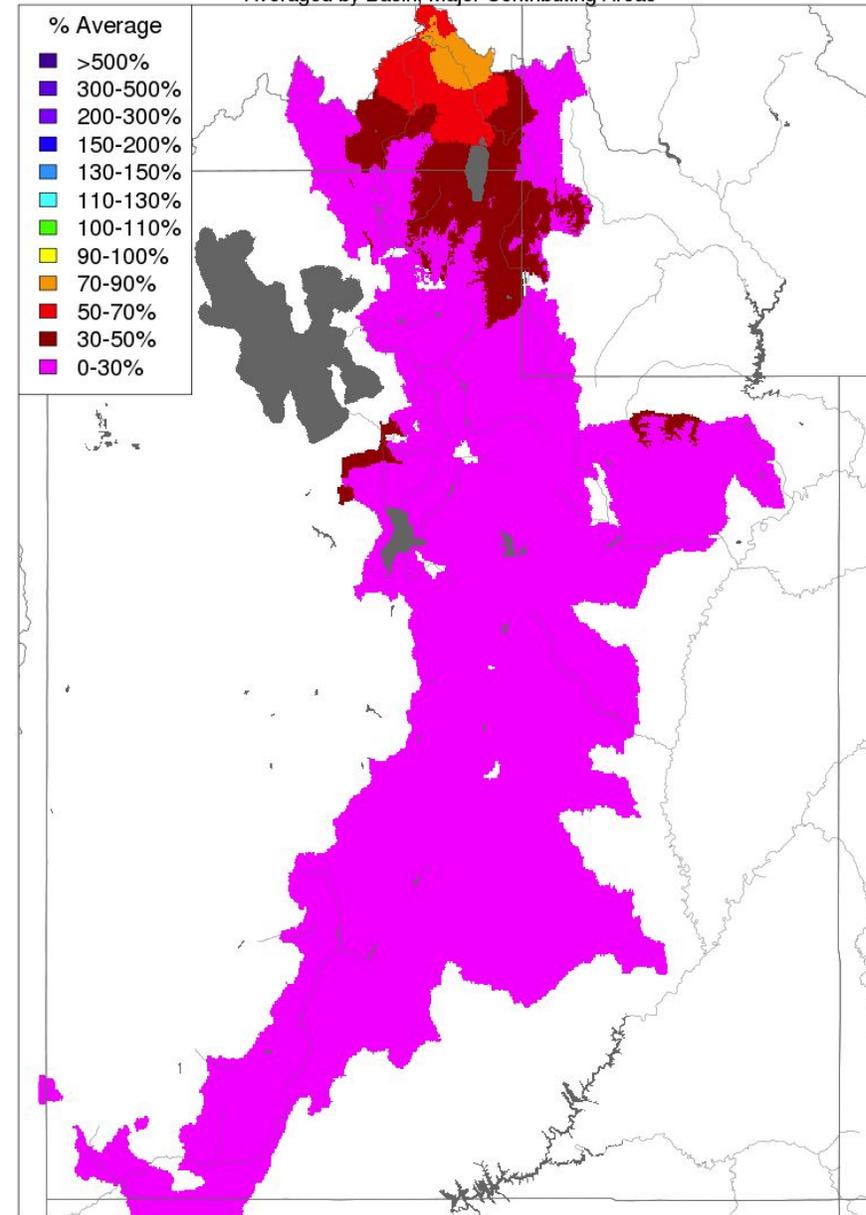
Averaged by Basin, Major Contributing Areas



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

Month to Date Precipitation - September 08 2020

Averaged by Basin, Major Contributing Areas

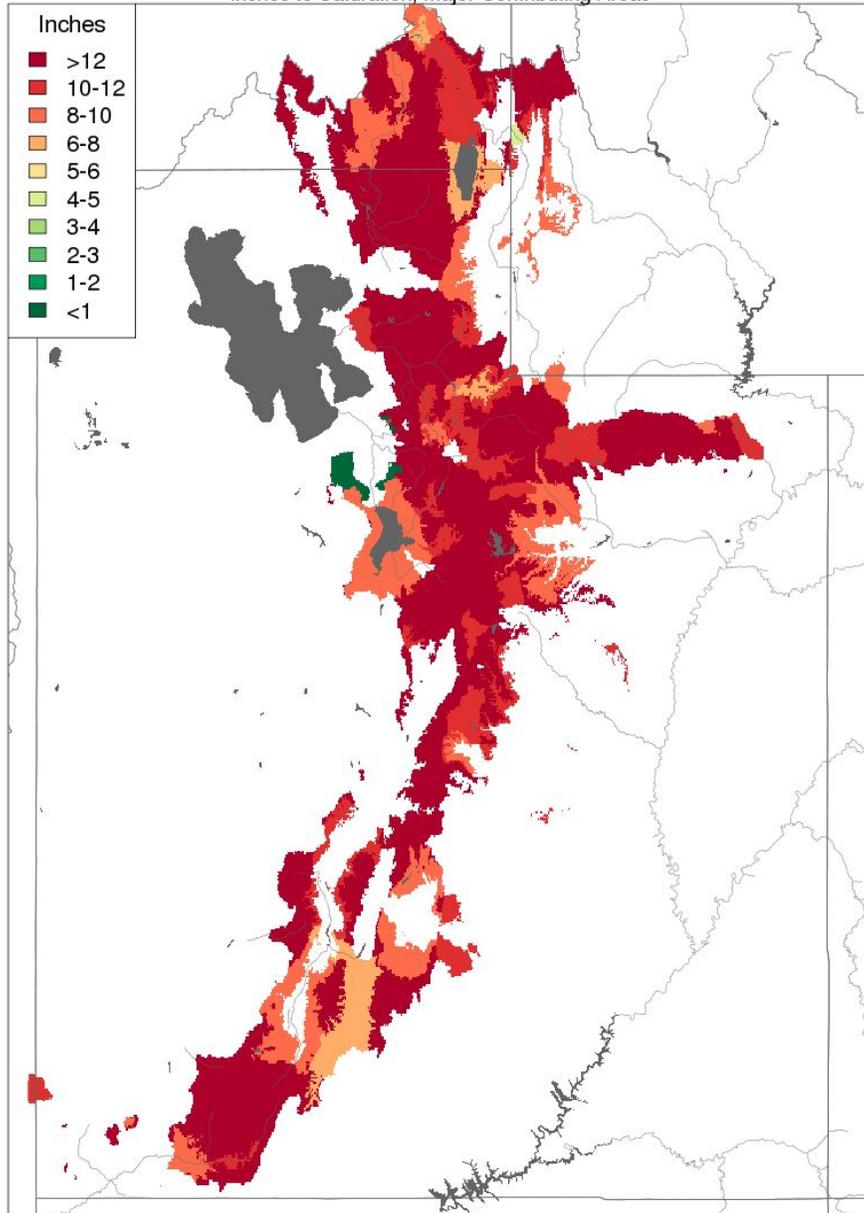


Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov



Soil Moisture - September 08 2020

Inches to Saturation, Major Contributing Areas

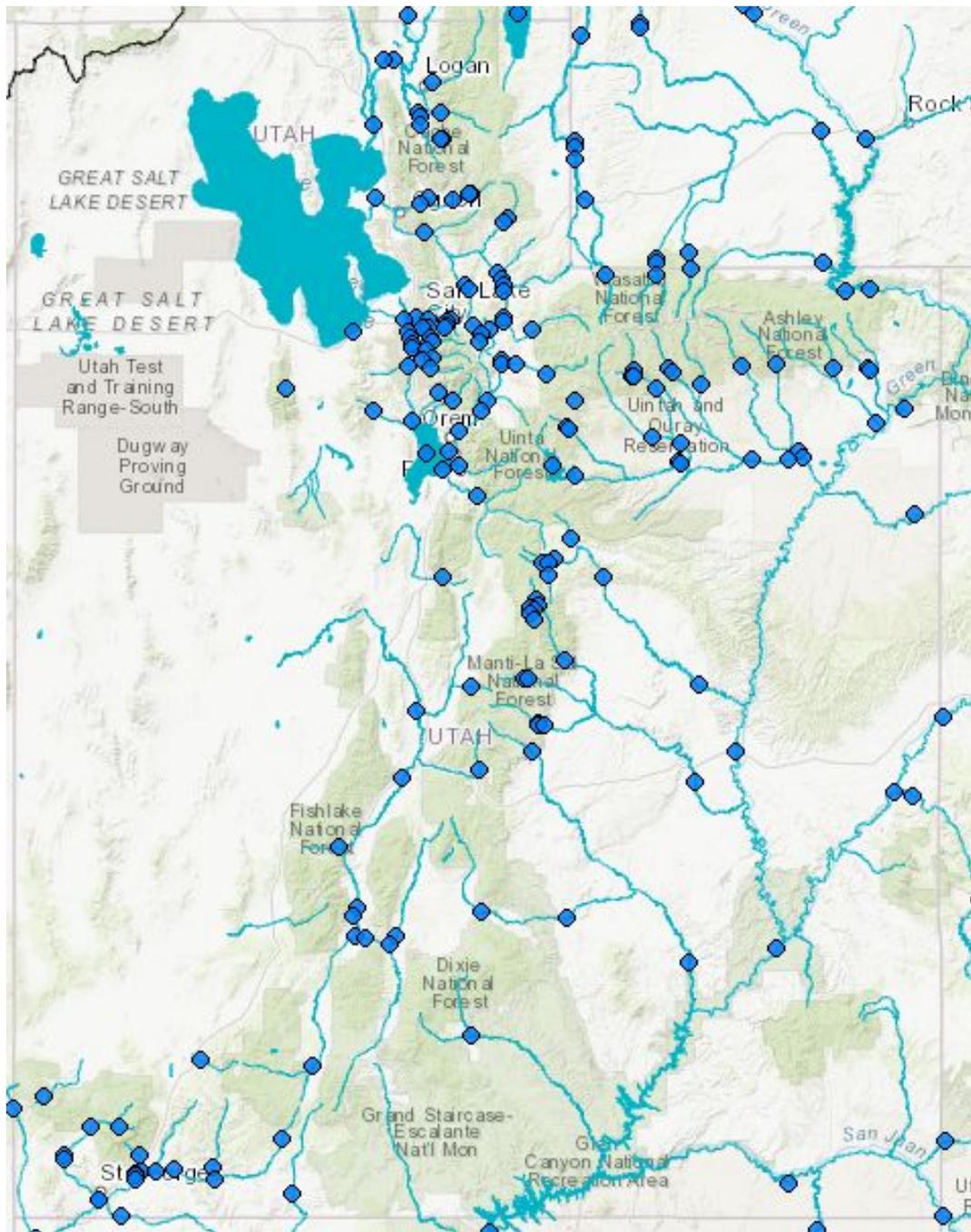


Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov



Below average seasonal runoff, combined with little precipitation events has resulted in very dry modeled soil moisture conditions over Utah.

As the irrigation season comes to an end, we will spend a lot of time focusing on our soil moisture parameters and will publish a fall soil moisture map in mid-November.



Annual stakeholder meeting is scheduled for October 28th and 29th, great opportunity to get an overview of how the CBRFC develops forecasts and latest improvements.

Draft agenda should be available within the next two weeks.

Contact: paul.miller@noaa.gov

