



Utah Drought Monitor Webinar

The meeting will begin shortly



Thank you to our contributors

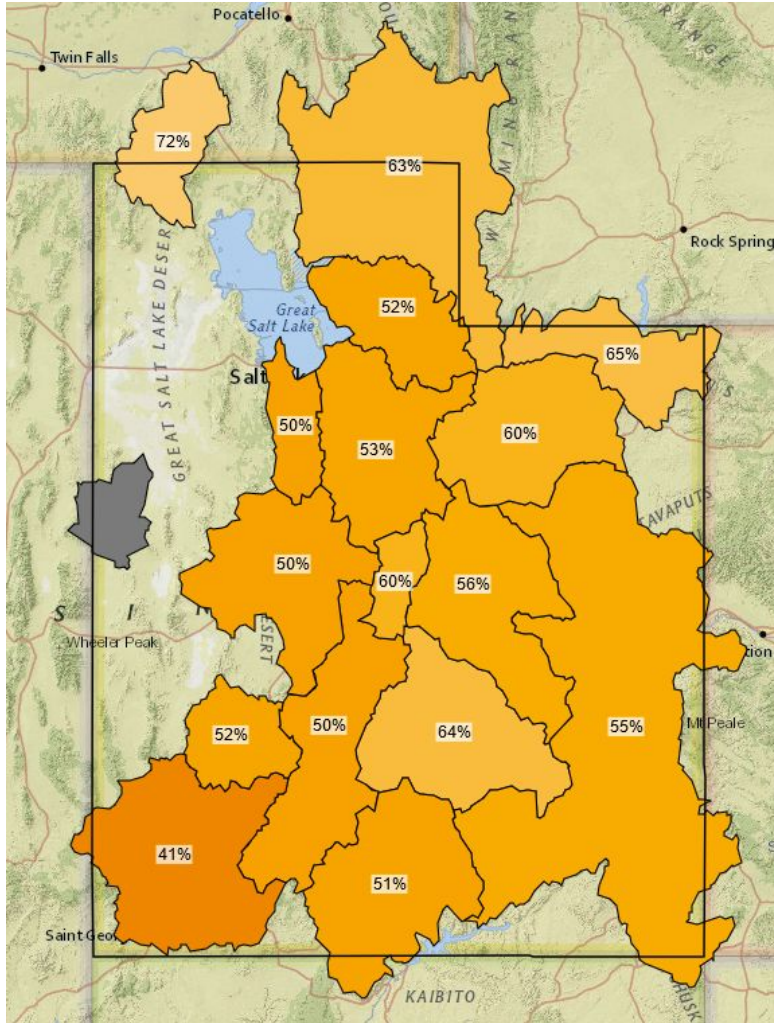




Utah Drought Monitor Webinar

February 9, 2021

Snowpack (% of average)



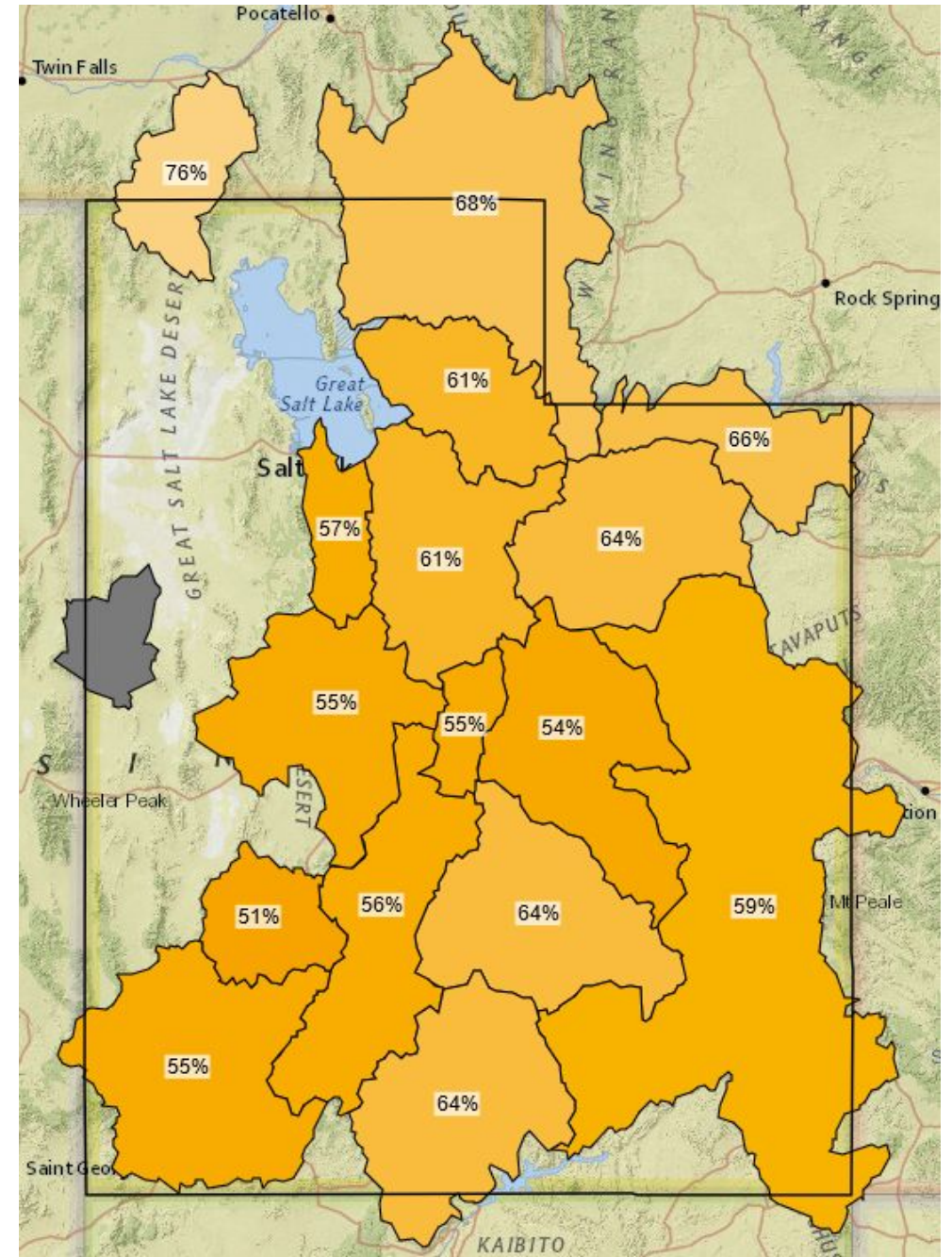
Marginal improvements in snowpack since start of 2021 to some basins with marginal degradation in others.

Jan 1, 2021



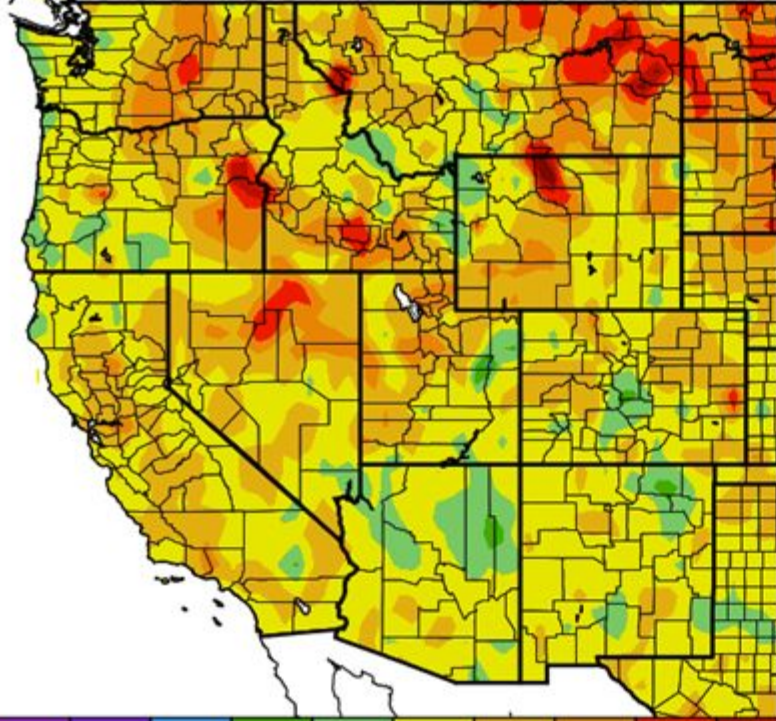
Feb 8, 2021

Overall, little change to statewide "snow drought"



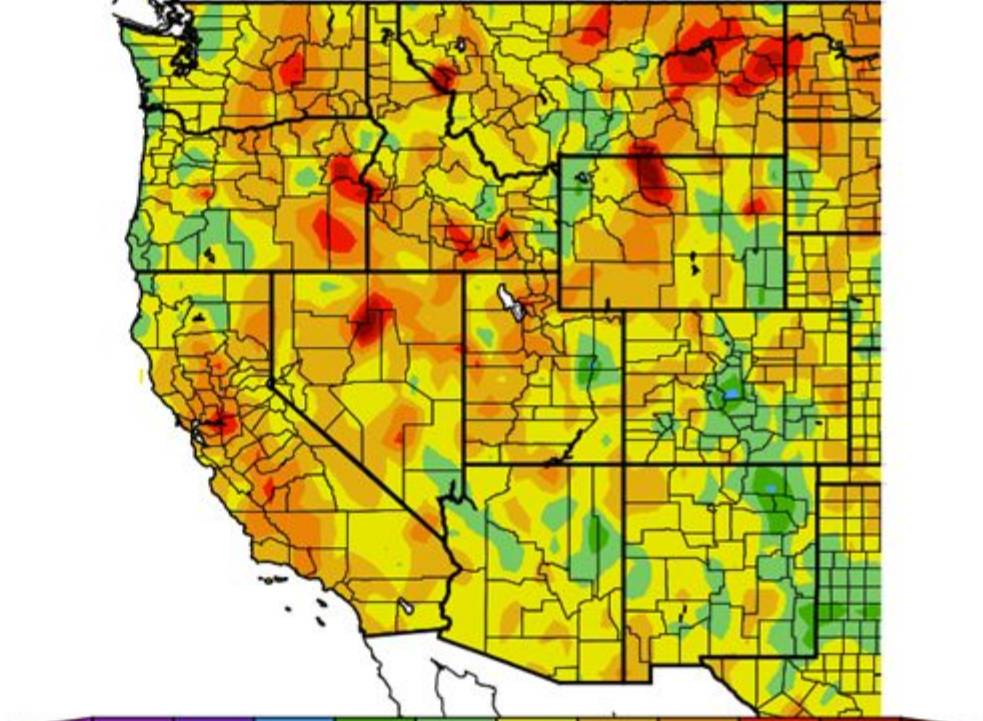
Temperature 30 day (Related to Average)

Ave. Temperature dep from Ave (deg F)
1/10/2021 – 2/8/2021



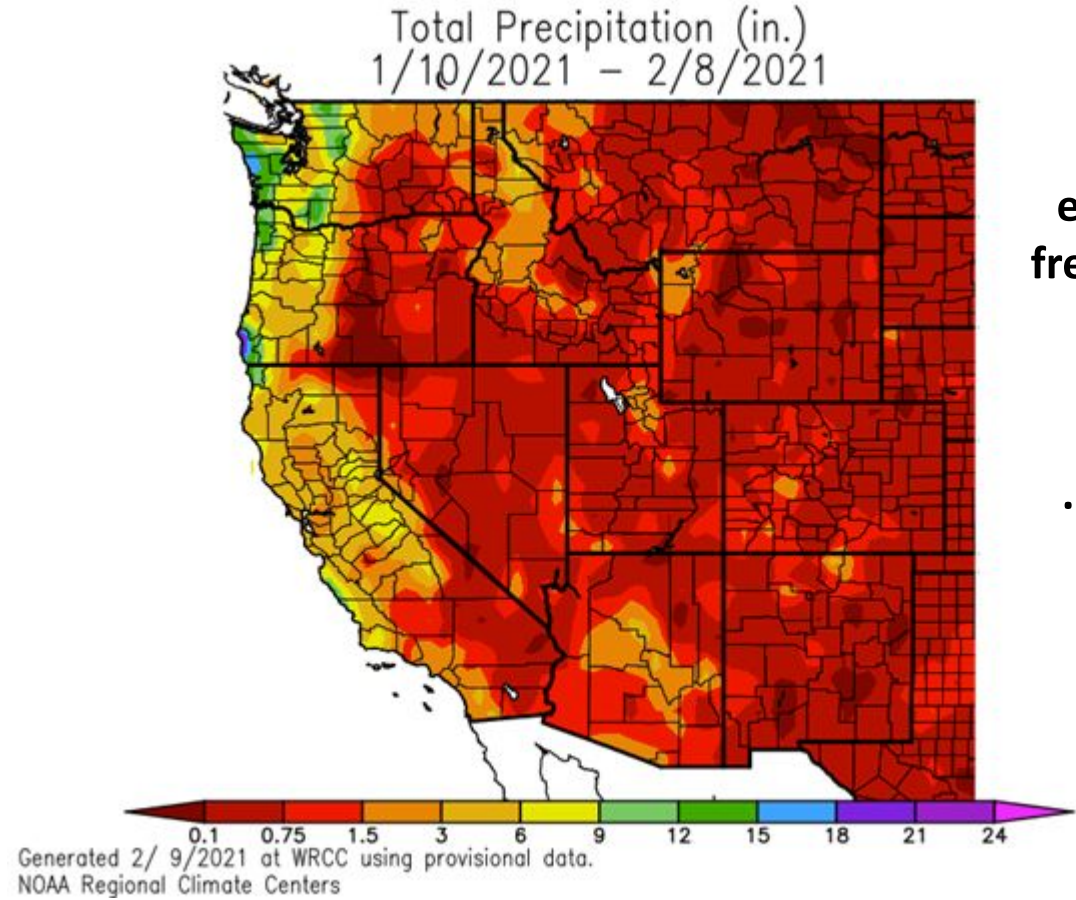
Generated 2/ 9/2021 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
1/10/2021 – 2/8/2021



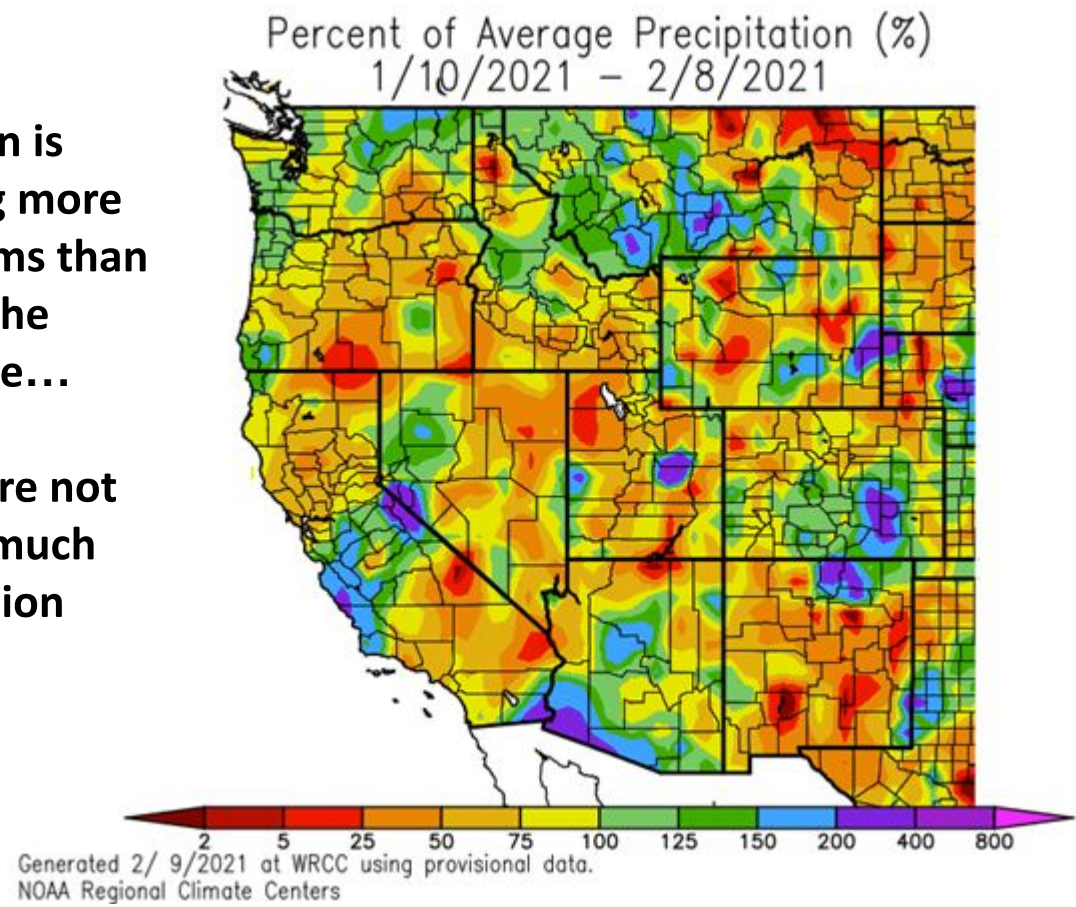
Generated 2/ 9/2021 at WRCC using provisional data.
NOAA Regional Climate Centers

Precipitation 30 day history (Percent of Average)



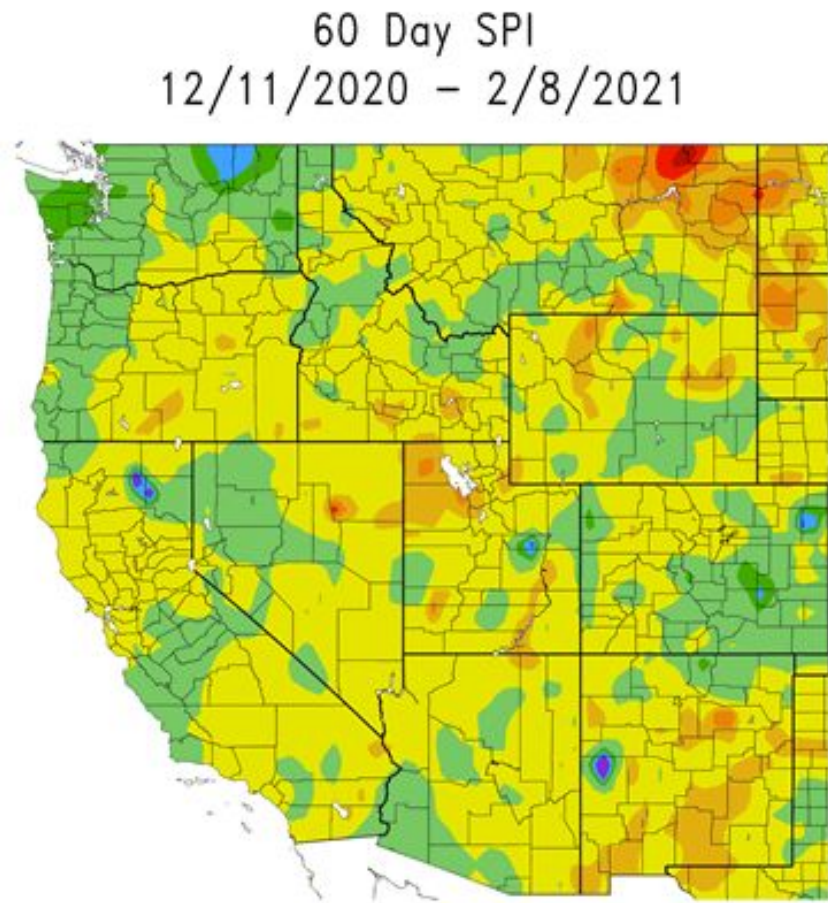
The region is experiencing more frequent storms than early in the wintertime...

...but they are not delivering much precipitation

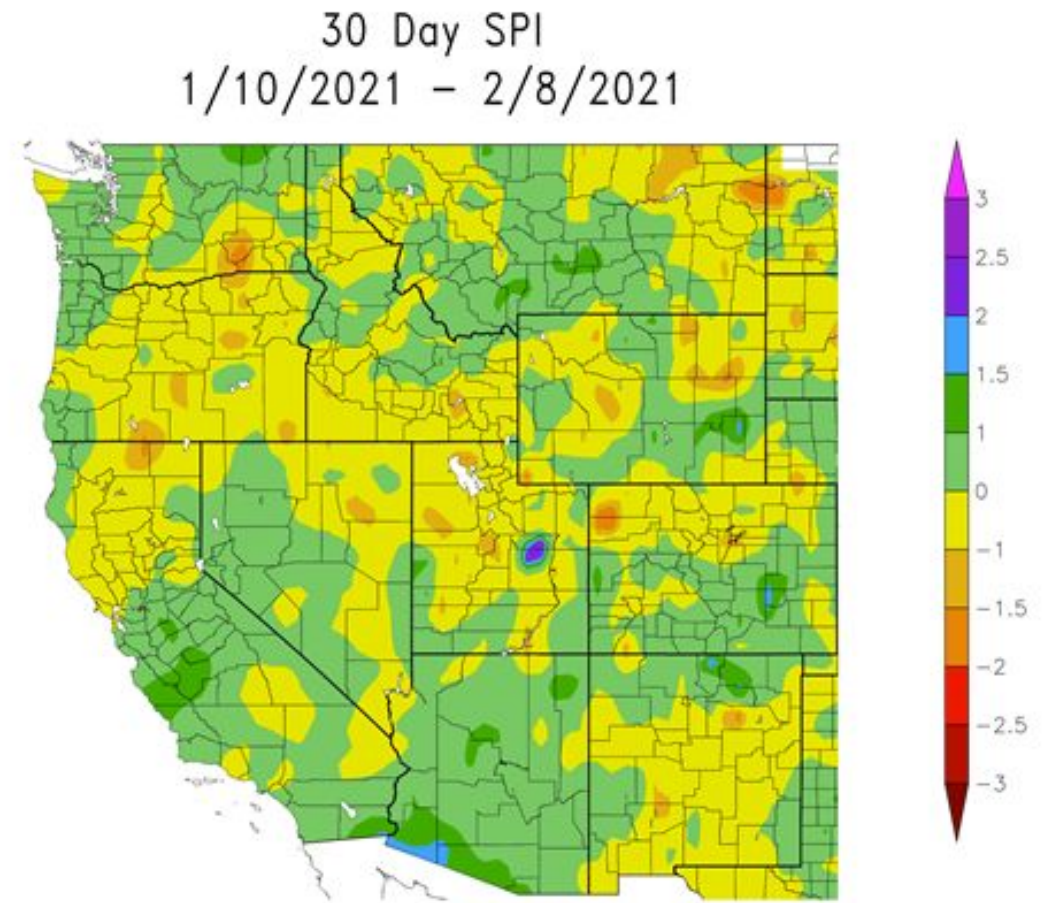


Agency -
Presenter -

Standardized Precipitation Index



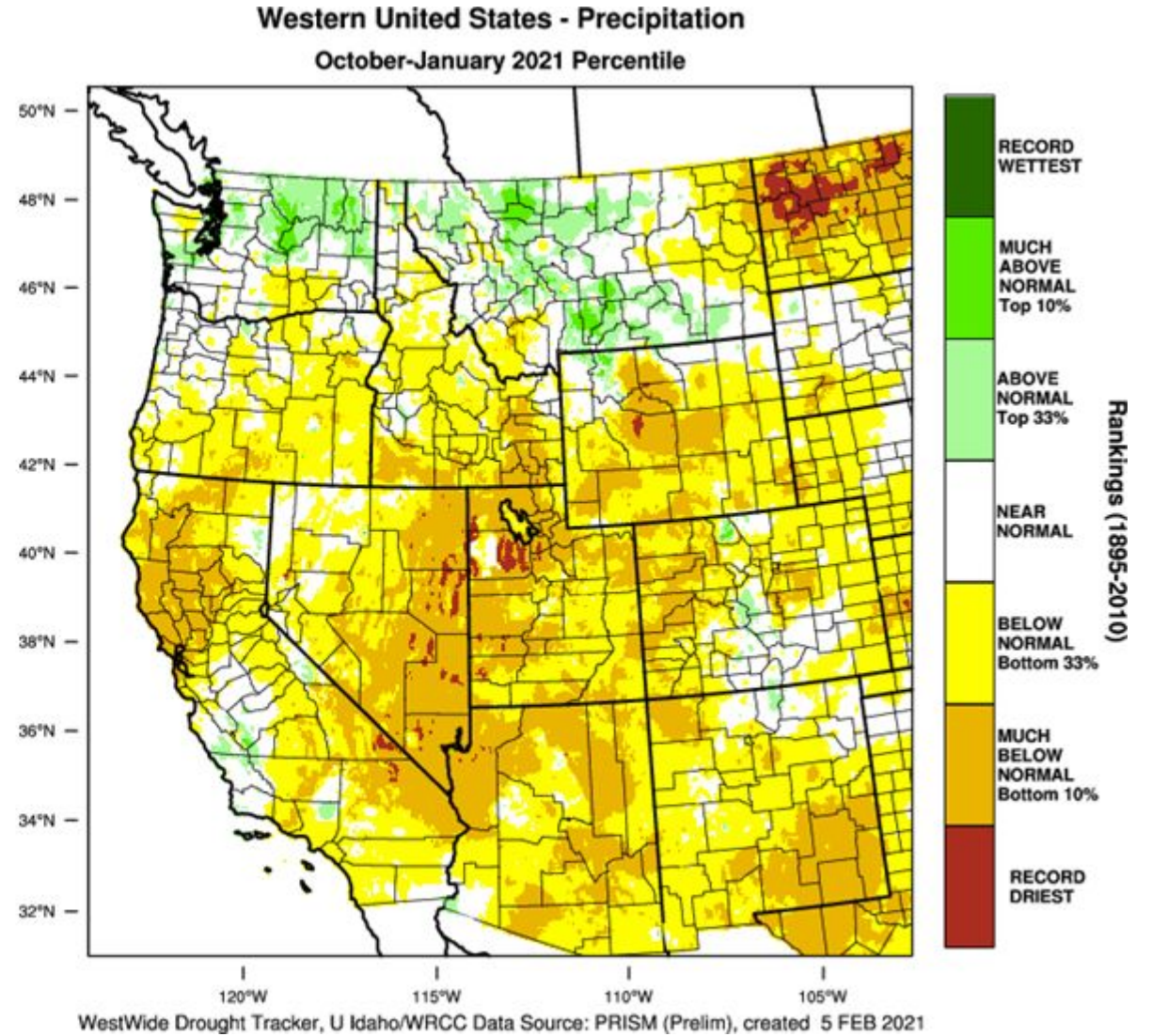
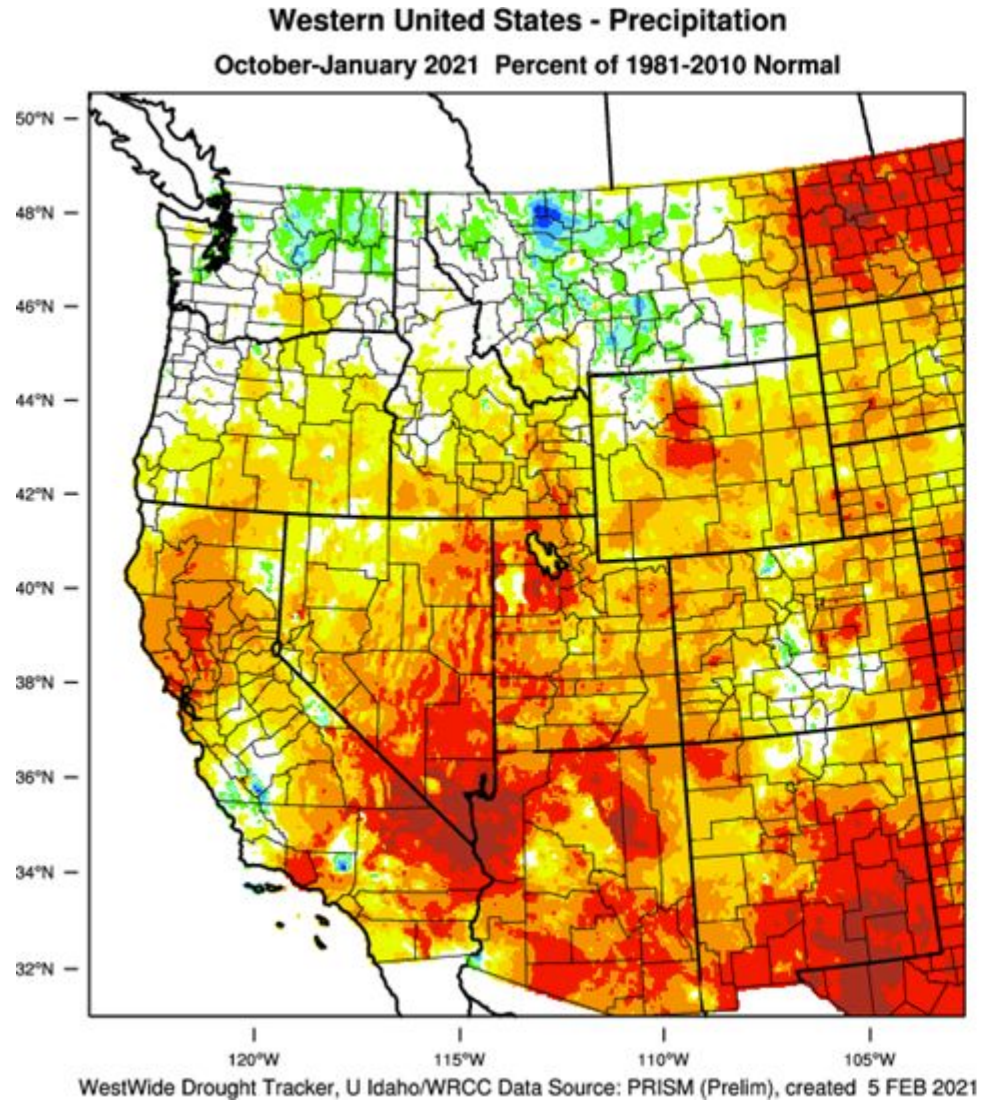
Generated 2/9/2021 at HPRCC using provisional data.



NOAA Regional Climate Centers '2021 at HPRCC using provisional data.

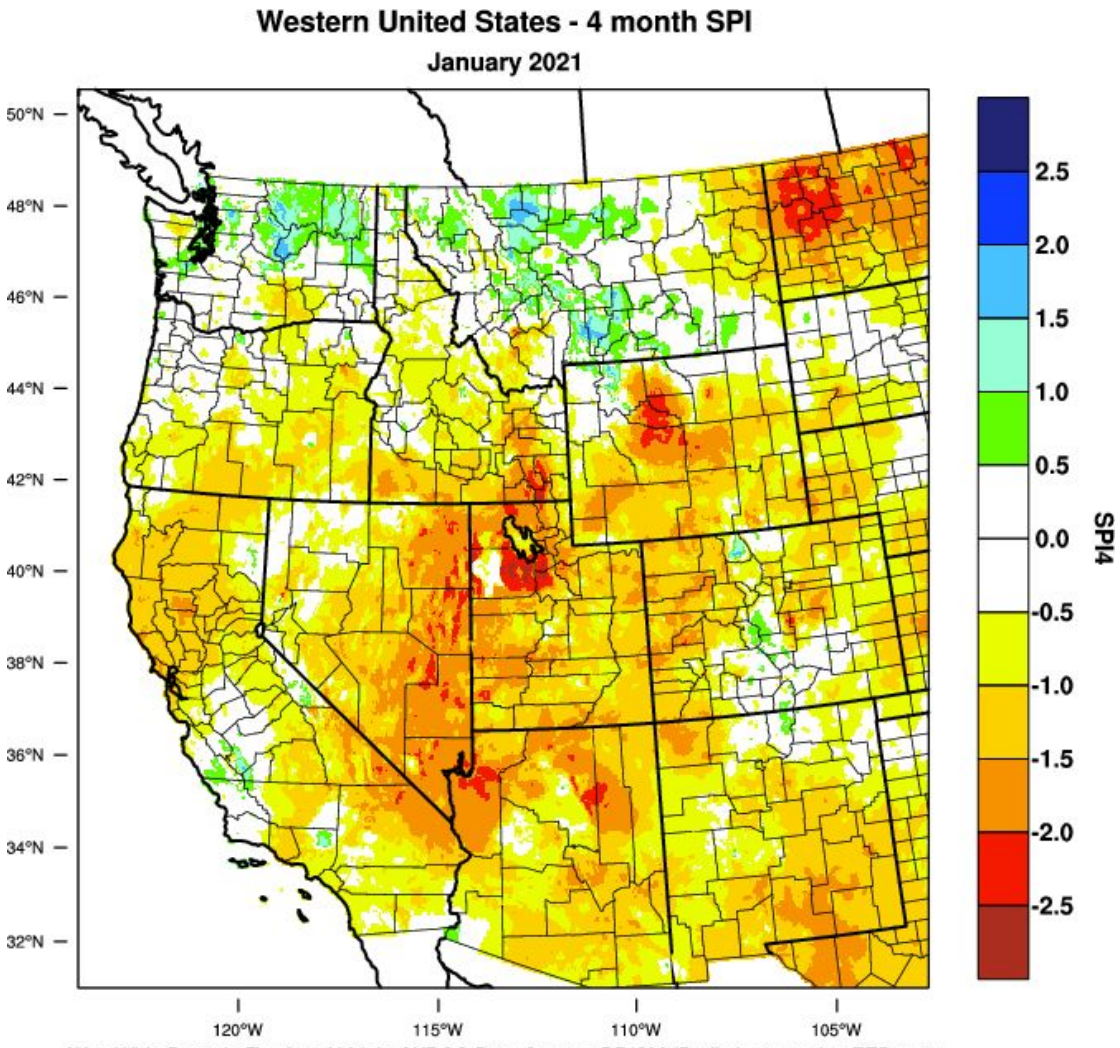
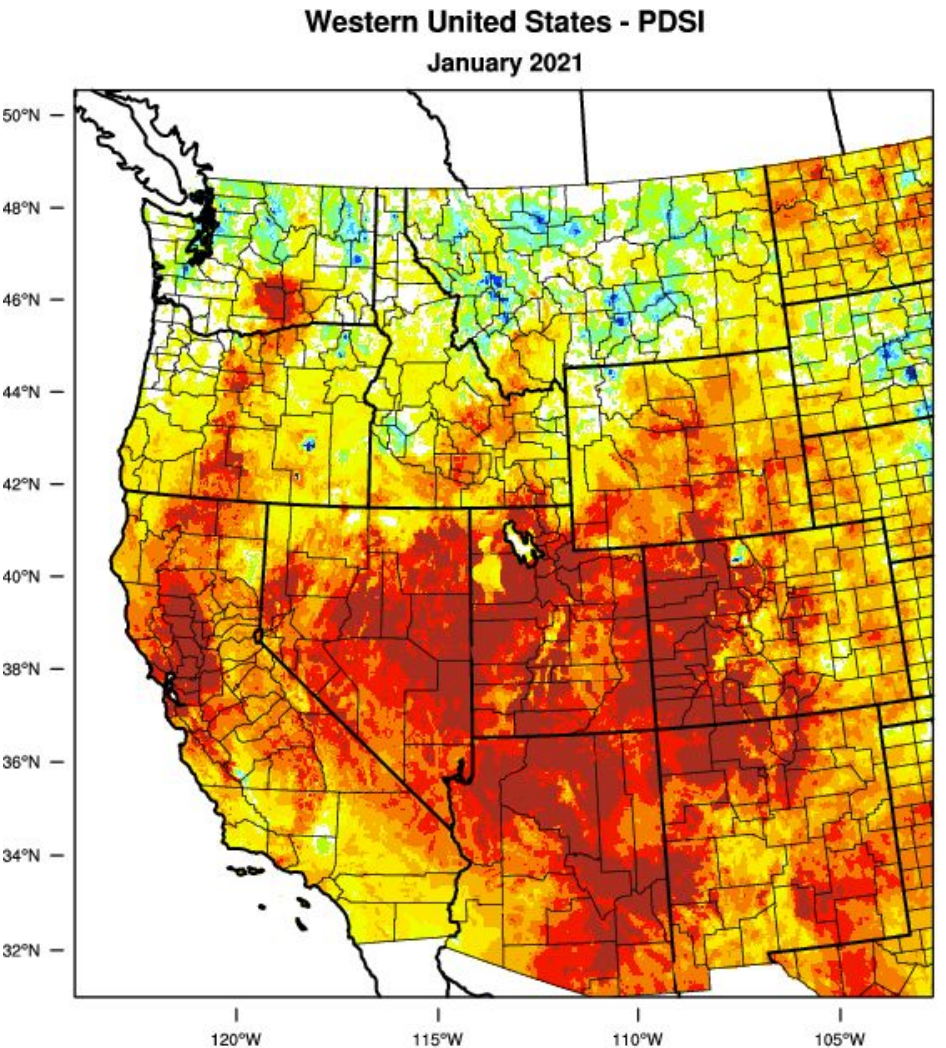
NOAA Regional Climate Centers

Water Year-To-Date Summary

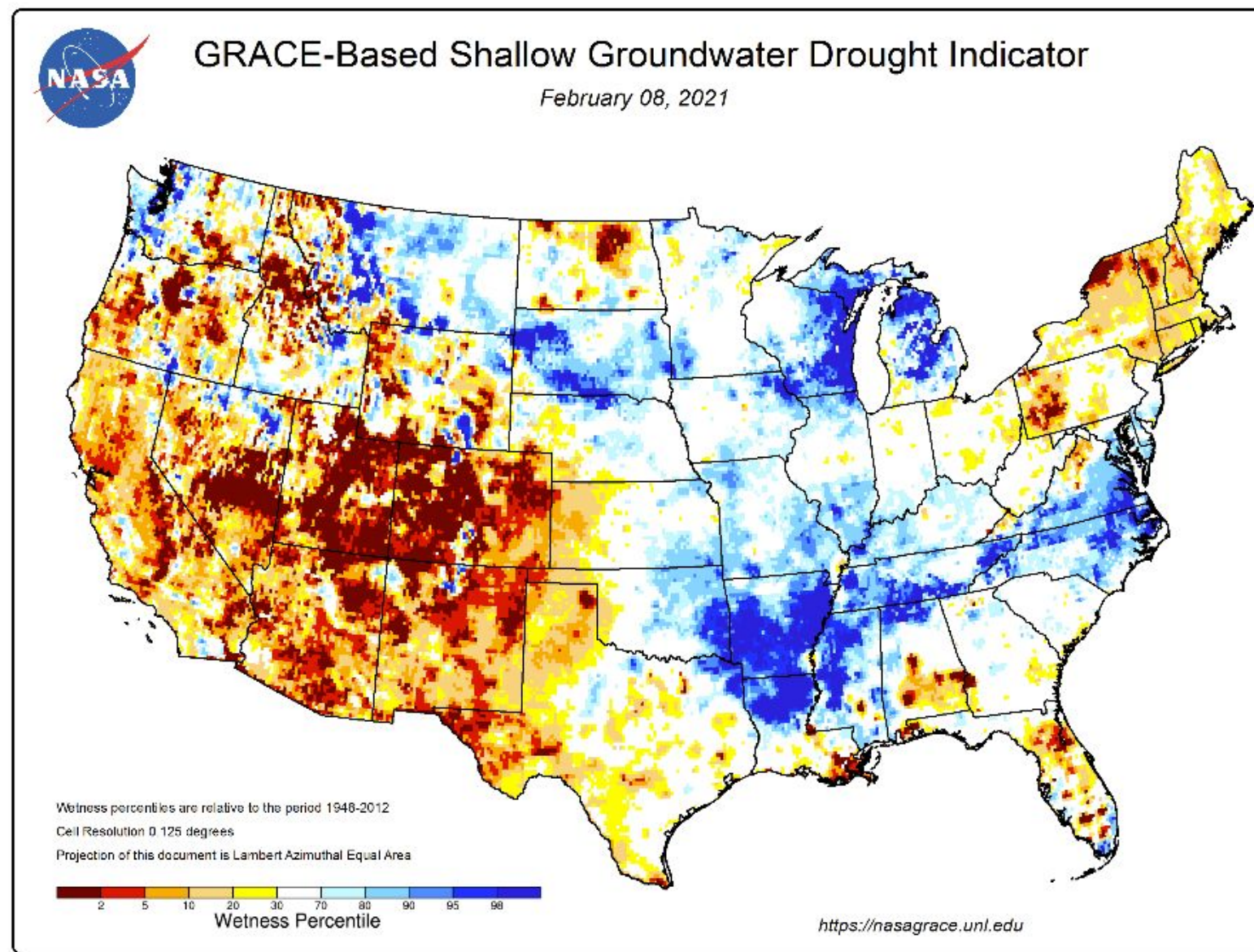


Agency -
Presenter -

Drought Indices (PDSI & Water Year SPI)

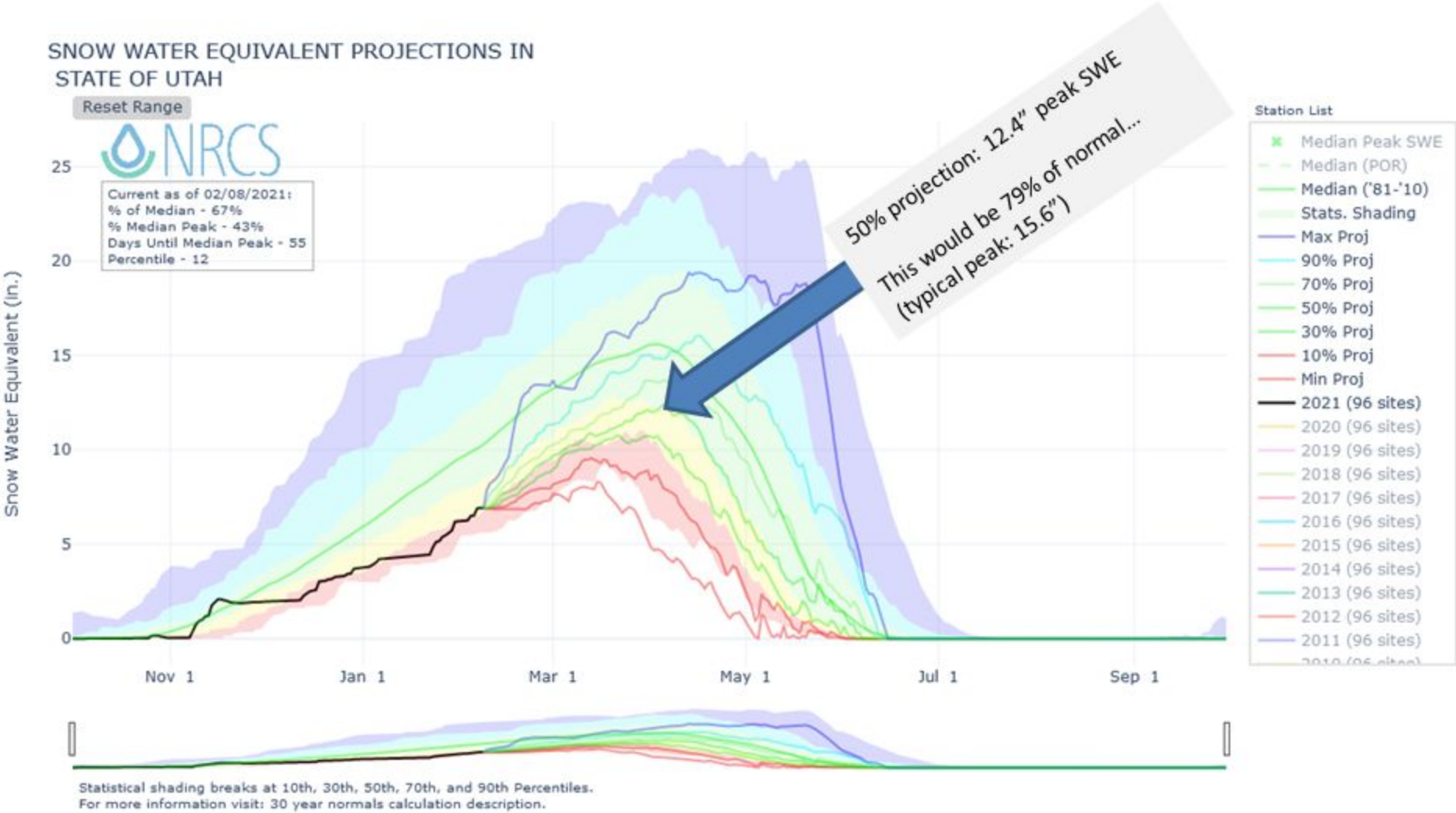


Soil Moisture Drought Indicator



Agency -
Presenter -

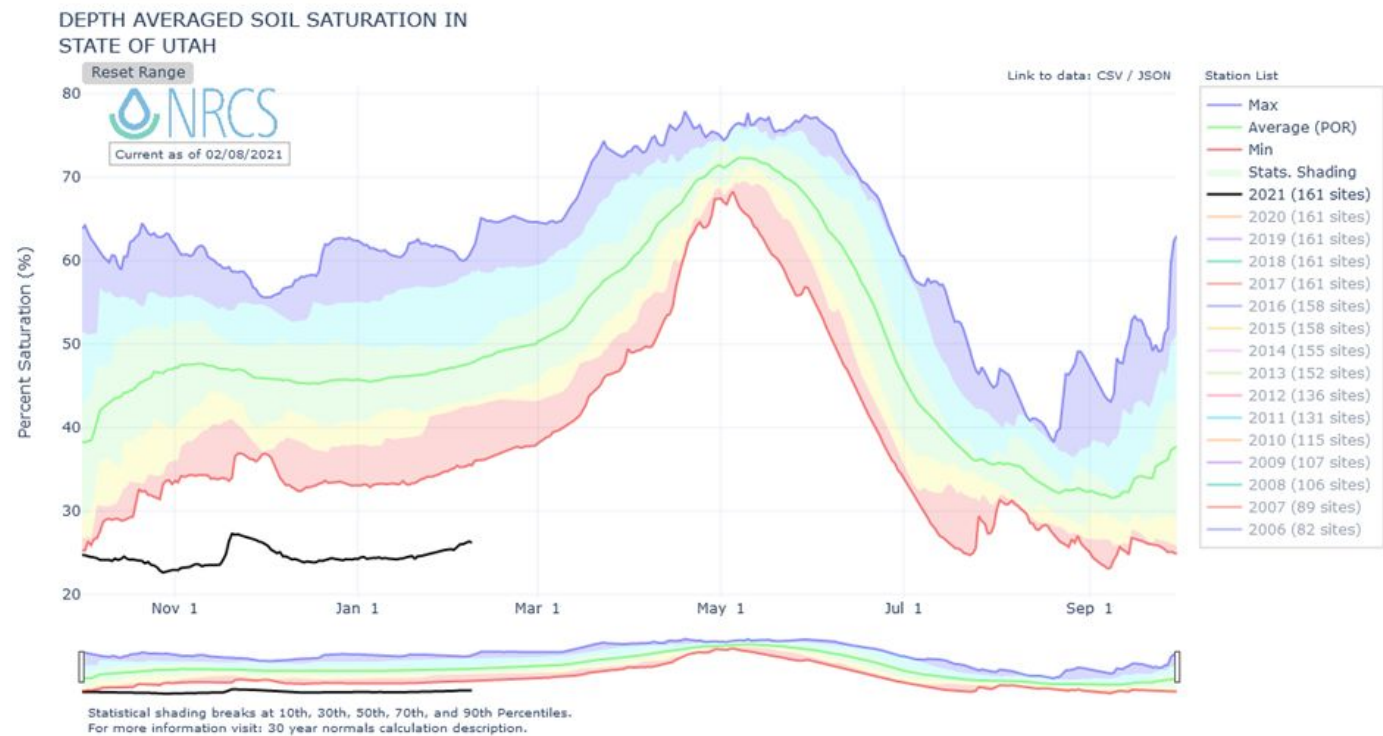
Snowpack current % normal



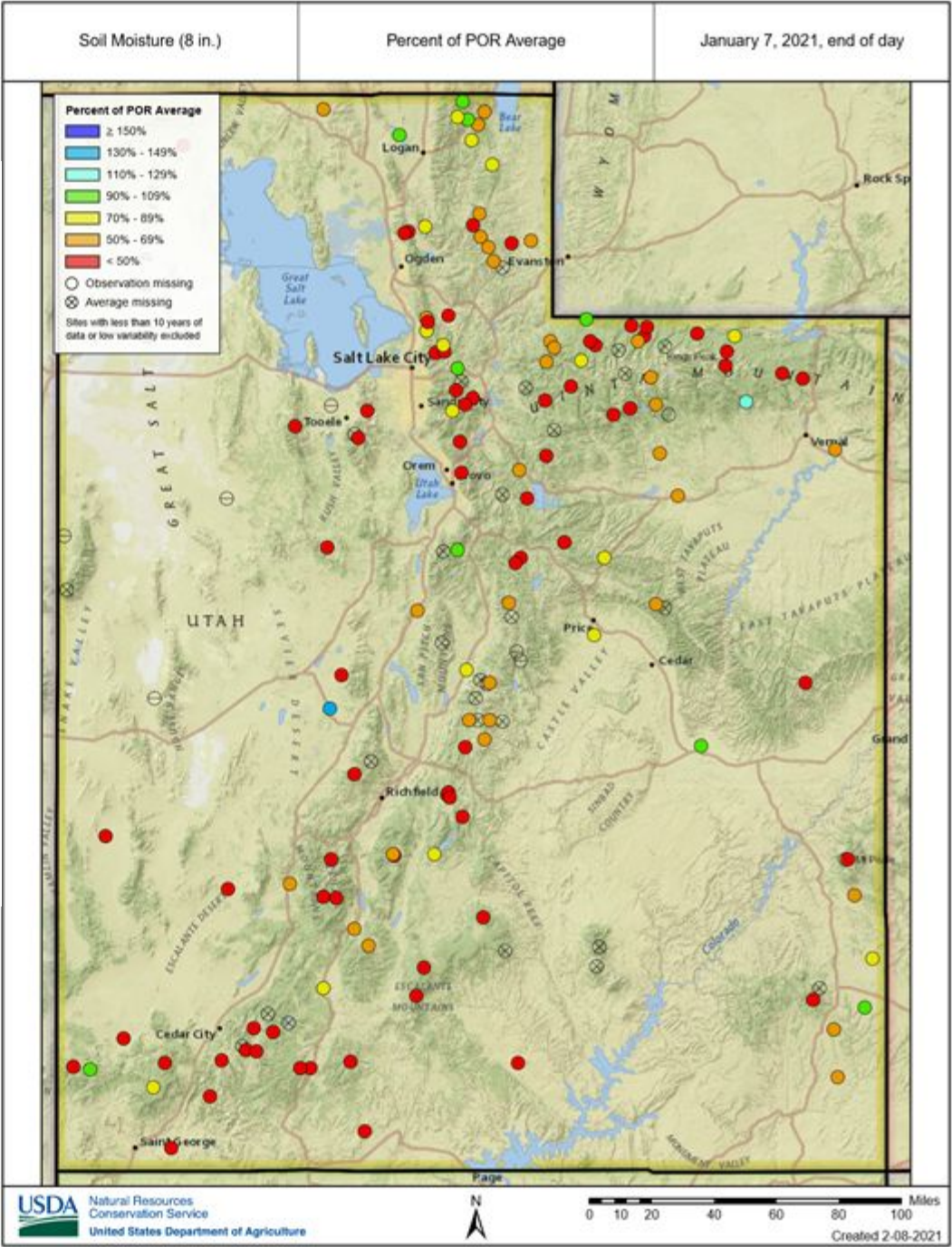
Agency - NRCS Snow Survey
Presenter - Jordan Clayton

- Projected SWE. Only ~10% chance of receiving normal peak SWE by early April.

Soil Moisture (Current)

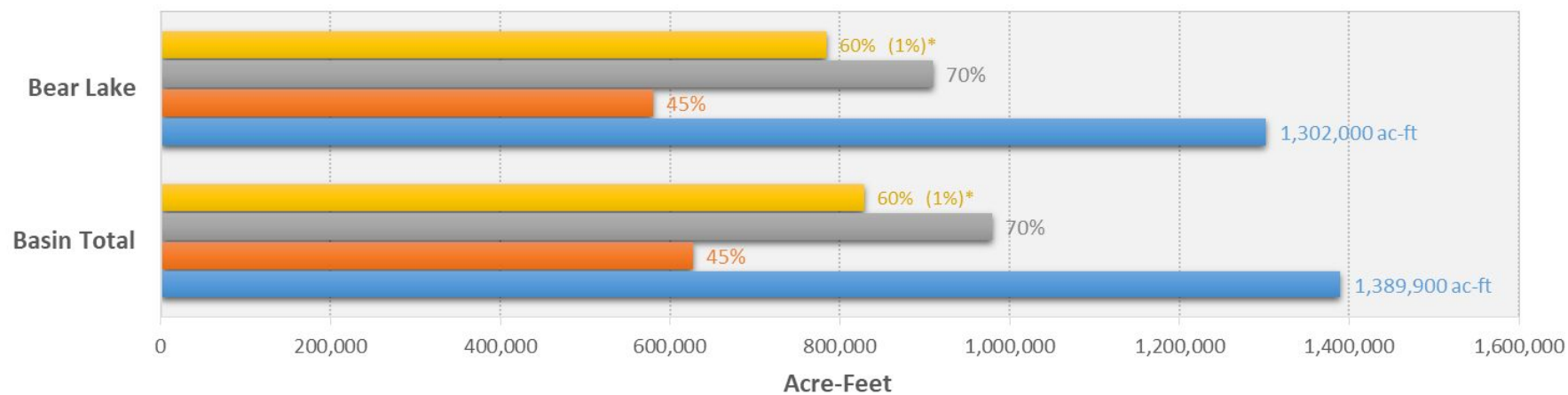
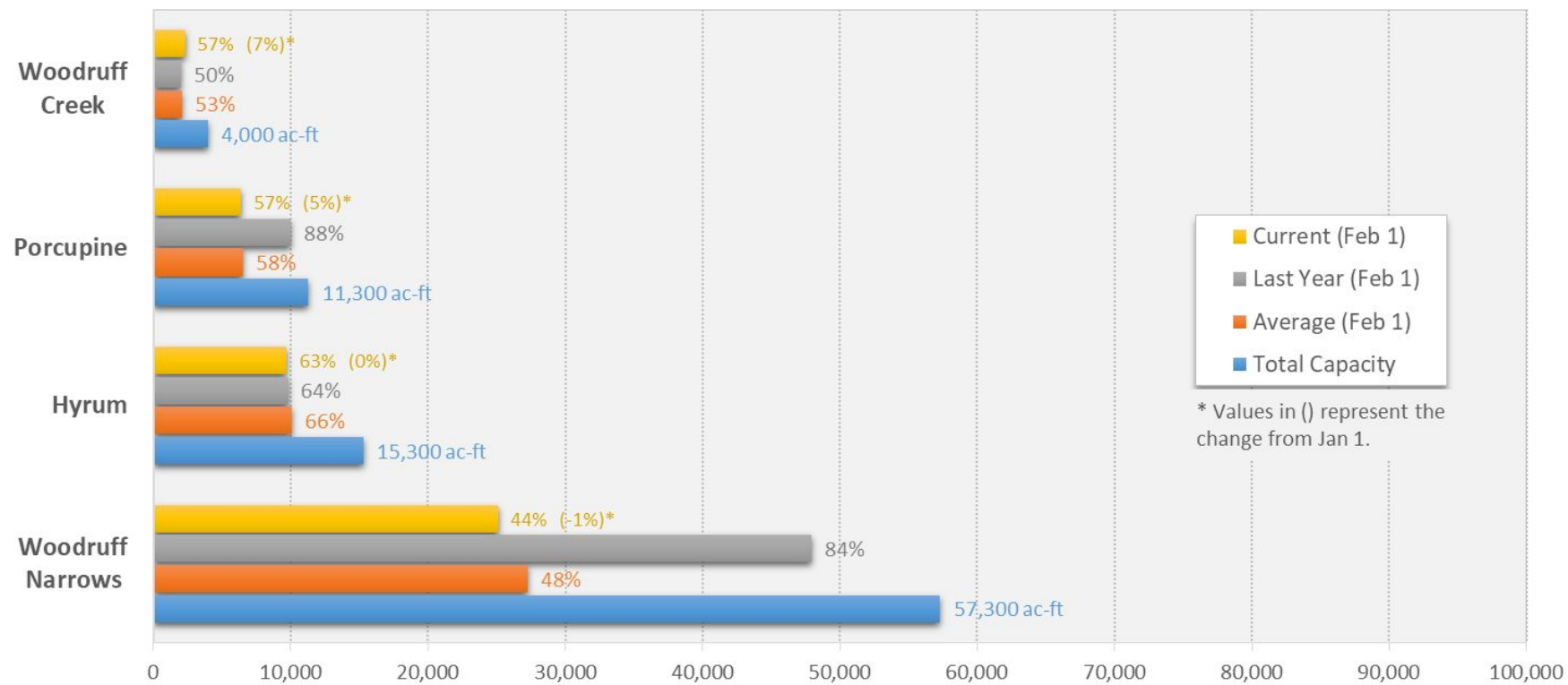


Agency - NRCS Snow Survey
Presenter - Jordan Clayton



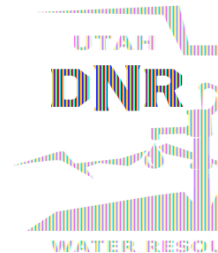
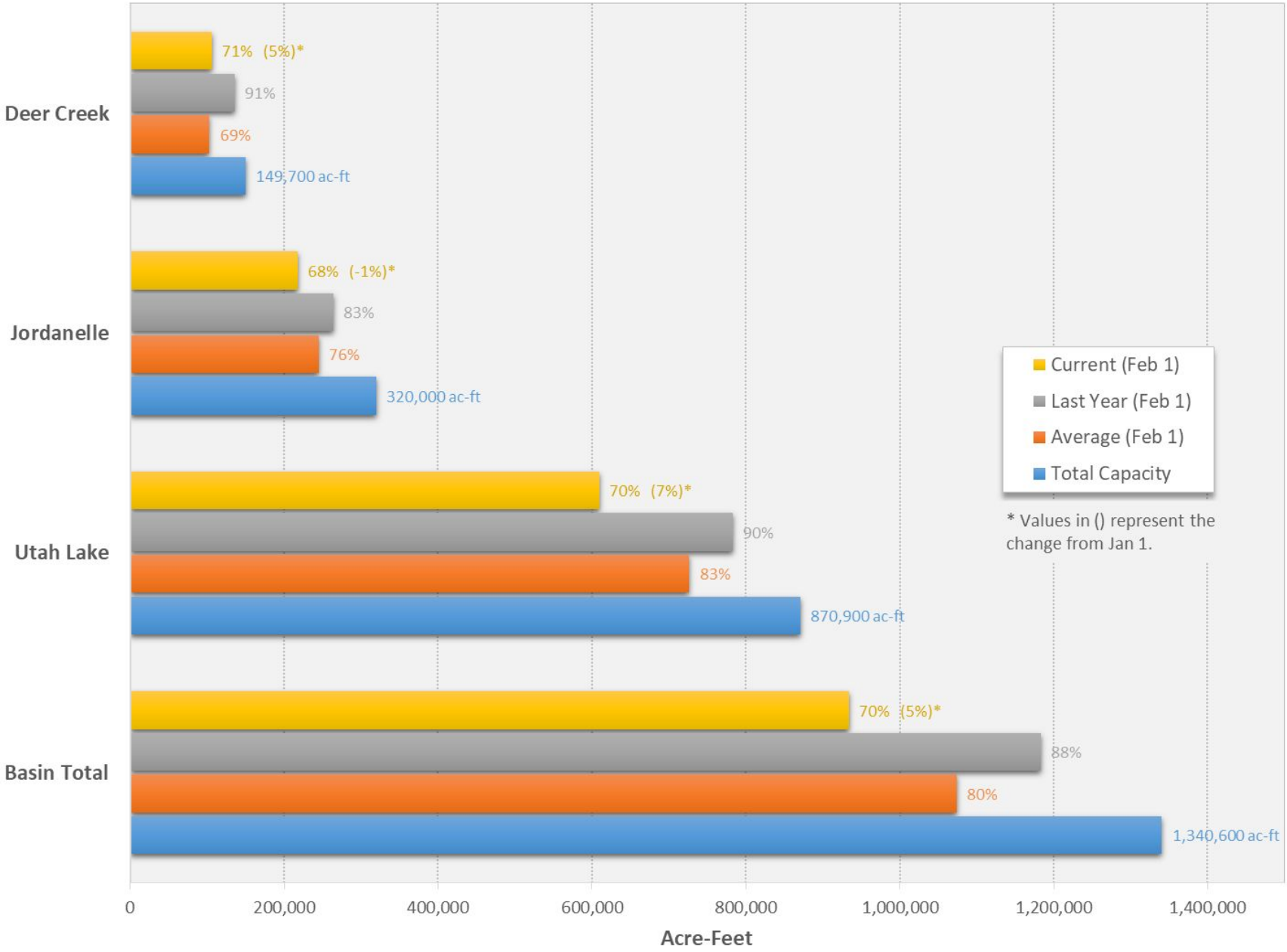
Bear River Basin Reservoir Storage (Feb 1)

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



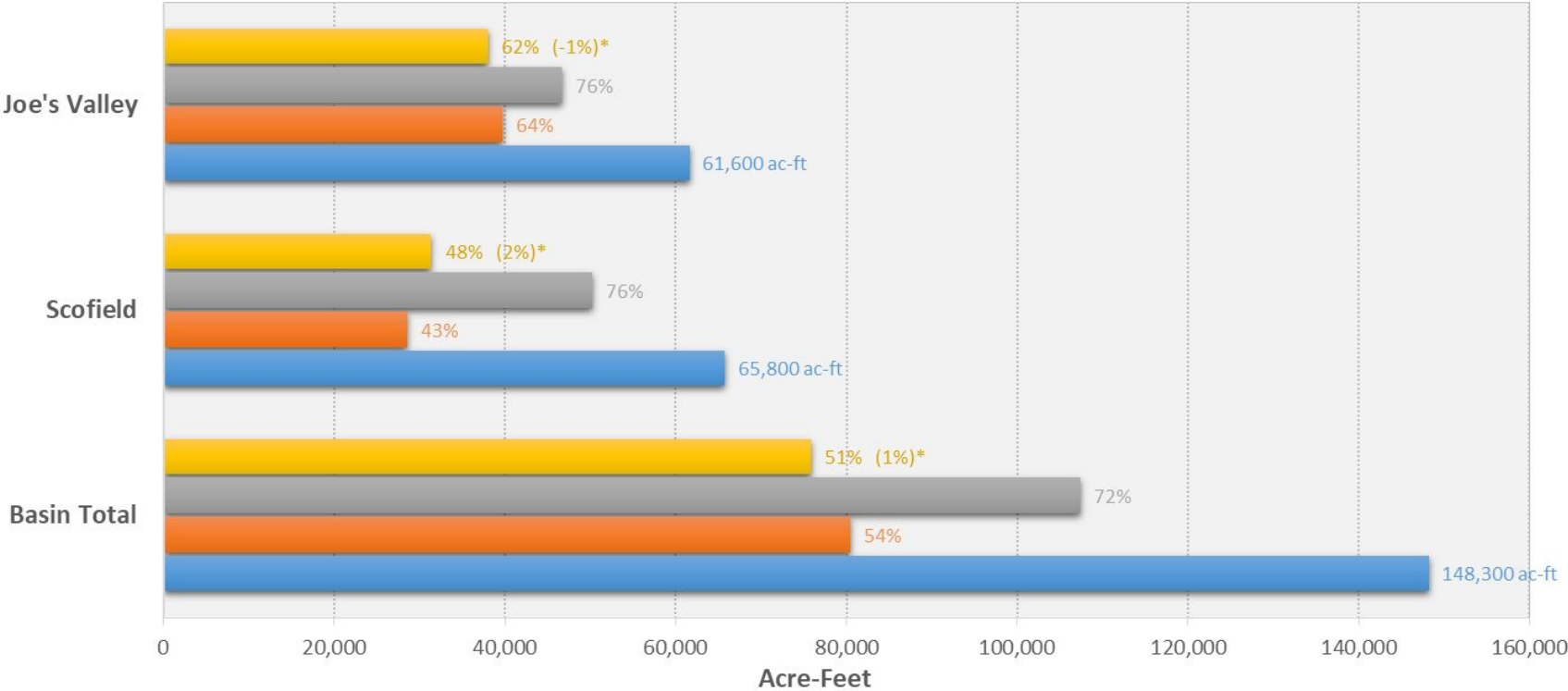
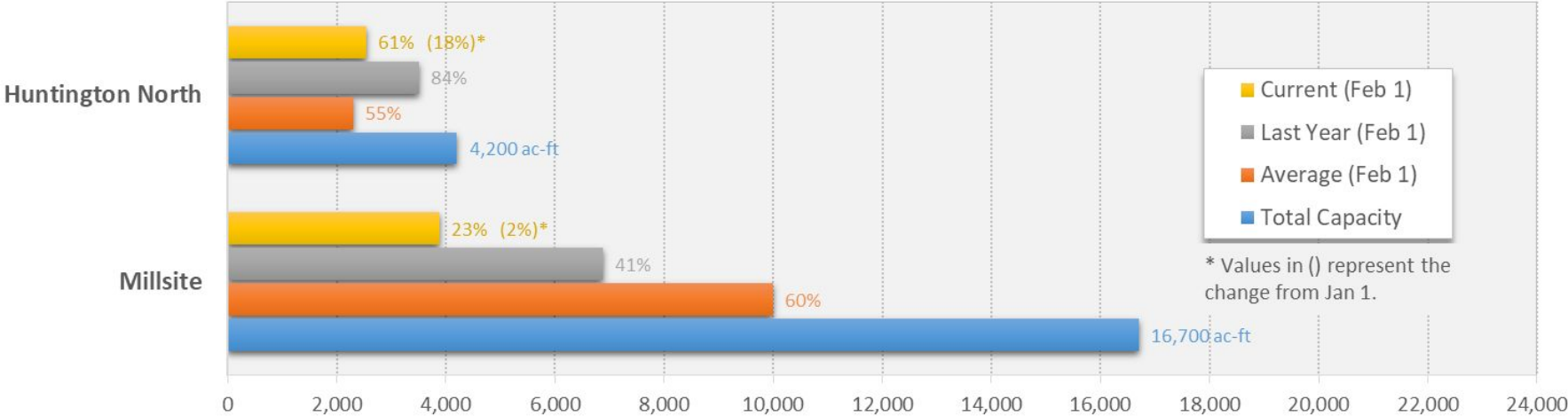
Utah Lake Basin Reservoir Storage (Feb 1)

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



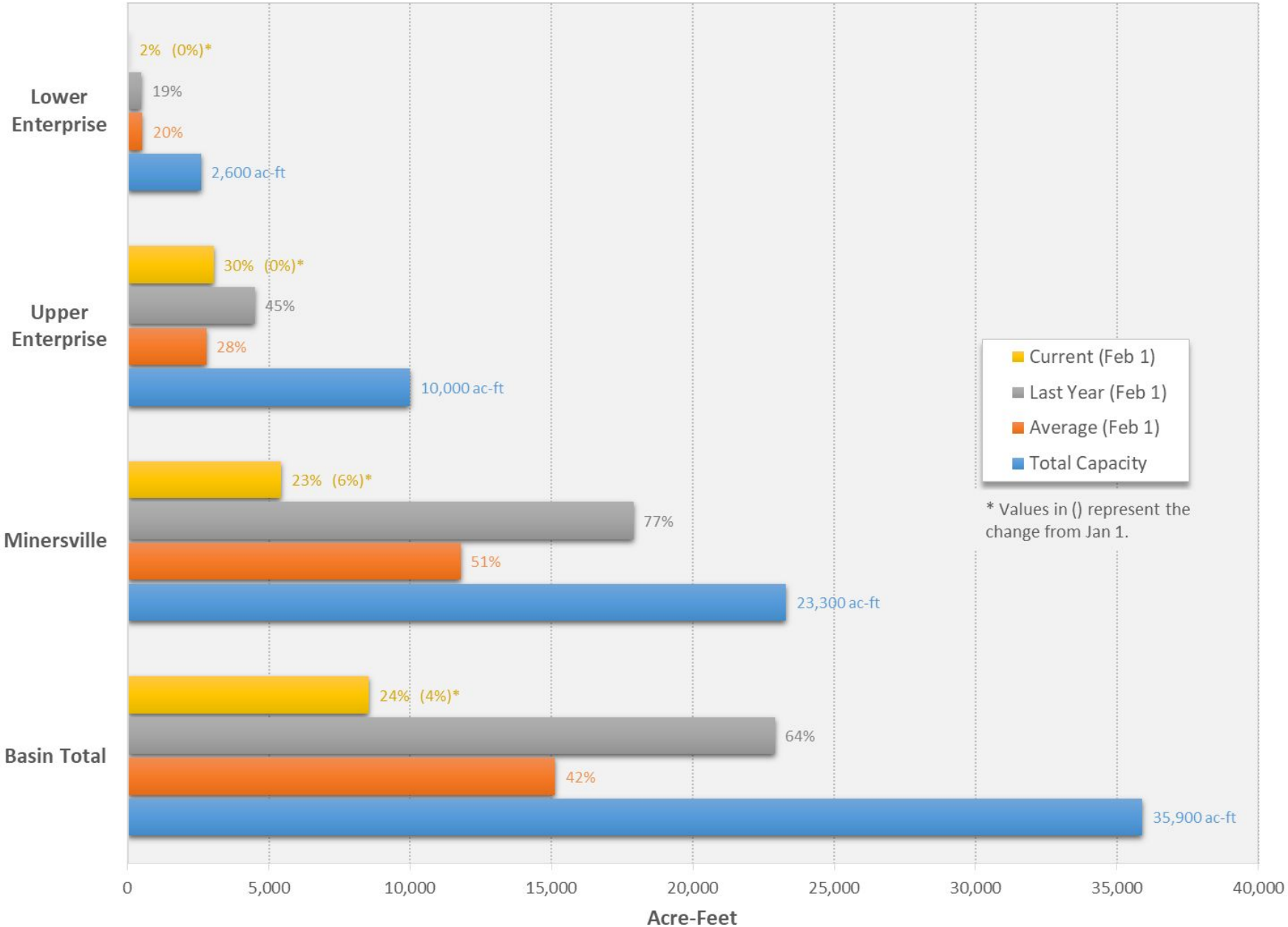
West Colorado Basin Reservoir Storage (Feb 1)

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

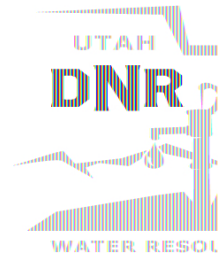


Cedar/Beaver Basin Reservoir Storage (Feb 1)

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

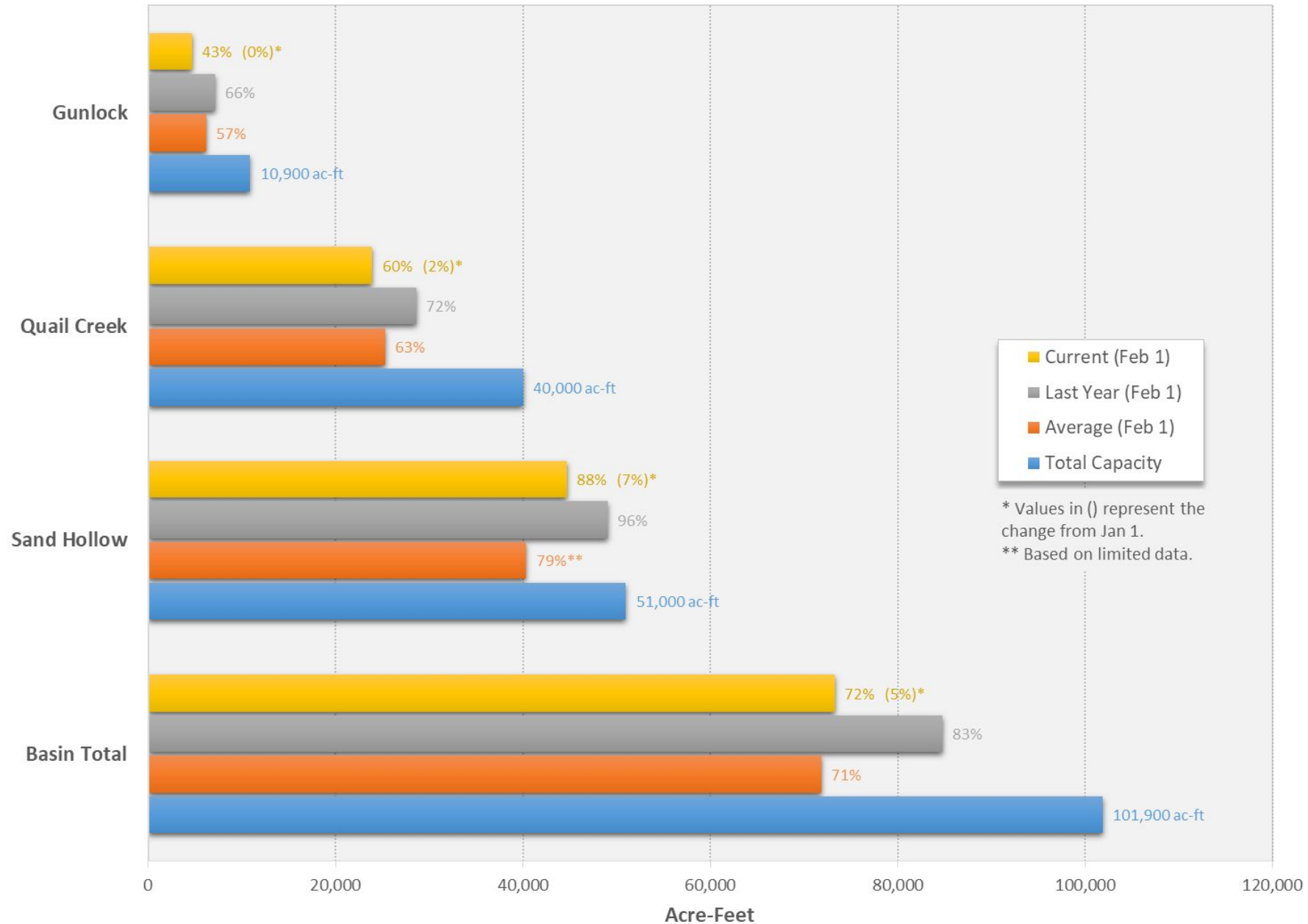


* Values in () represent the change from Jan 1.



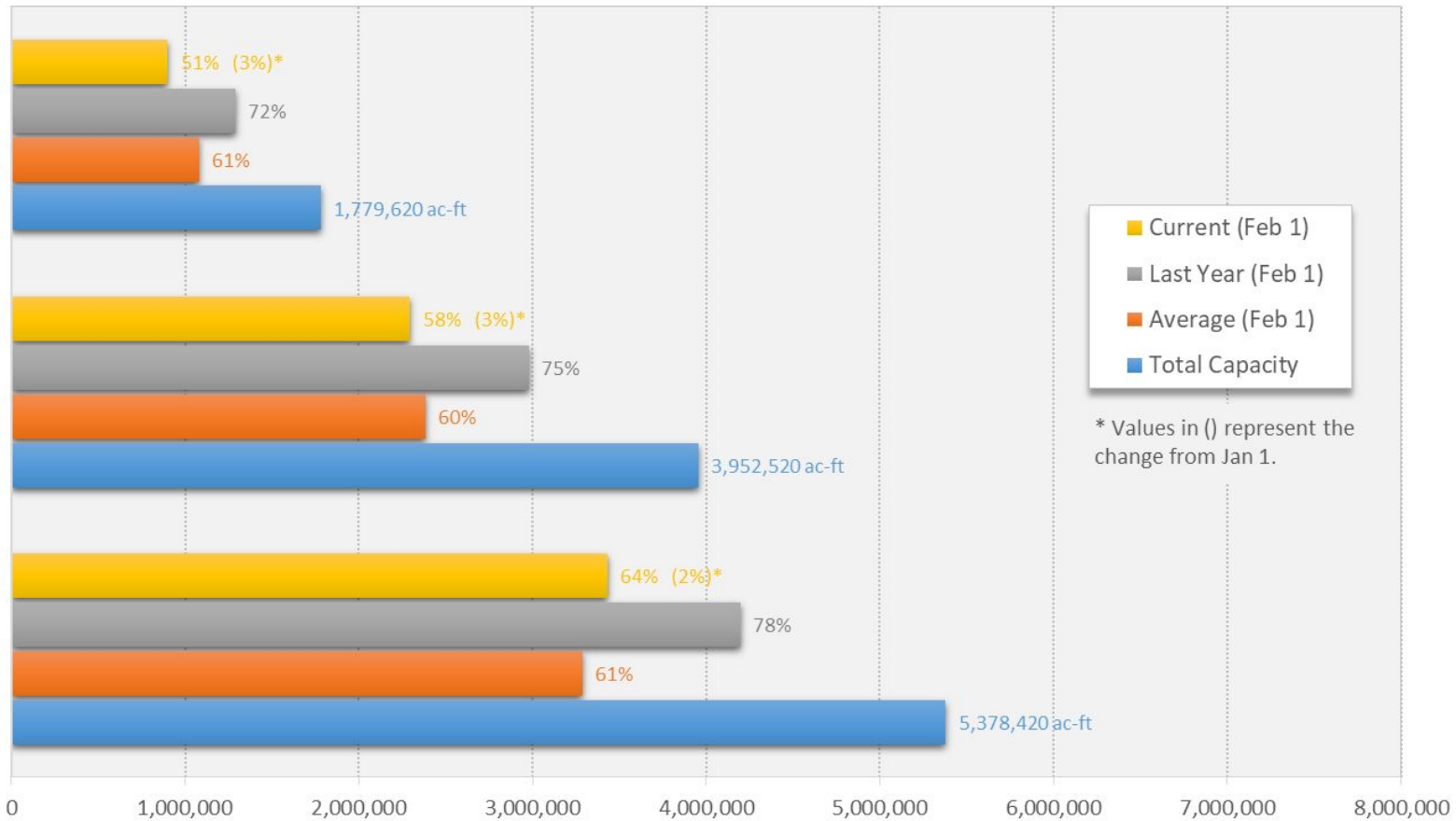
Virgin River Basin Reservoir Storage (Feb 1)

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



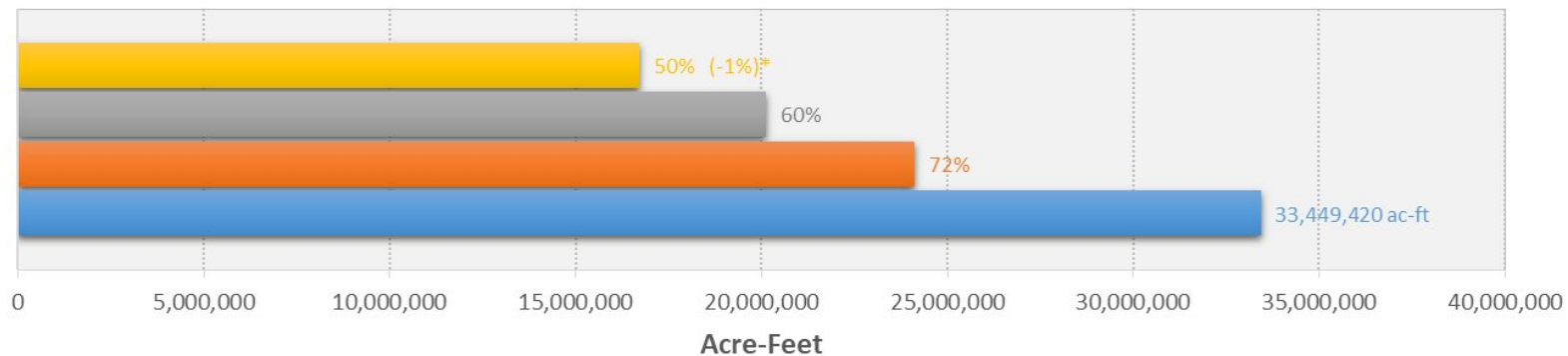
Statewide Reservoir Storage (Feb 1)

38 Major Reservoirs
(Excl. Lake Powell,
Flaming Gorge, Bear
Lake, Utah Lake,
Strawberry &
Jordanelle)

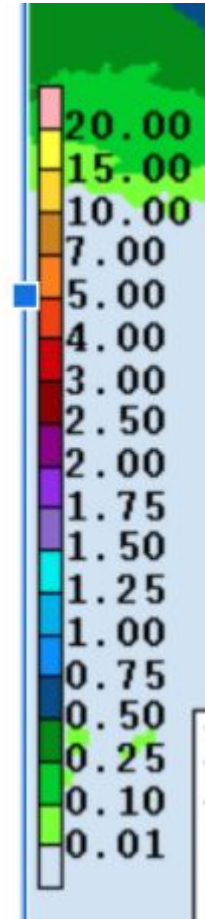
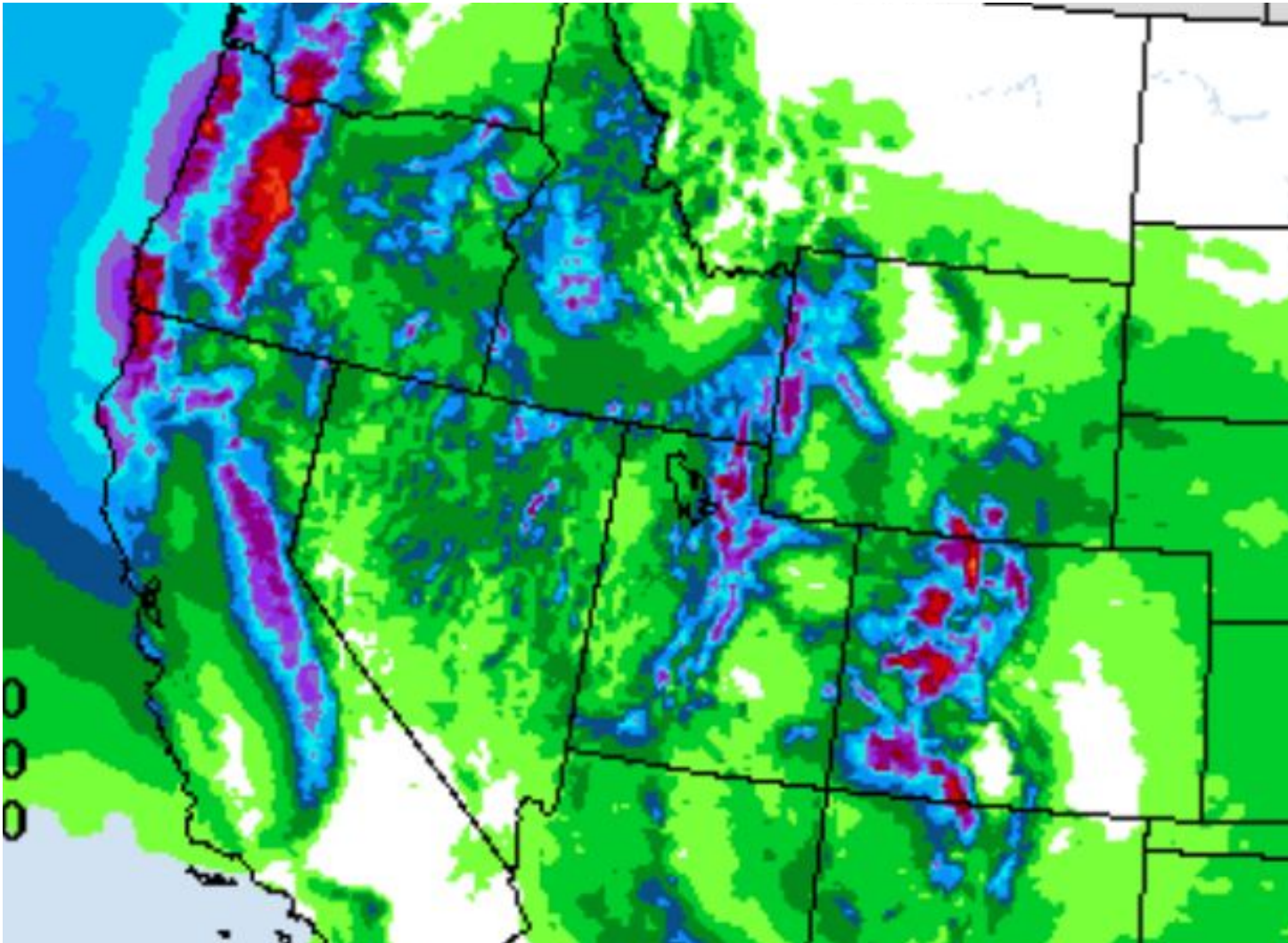
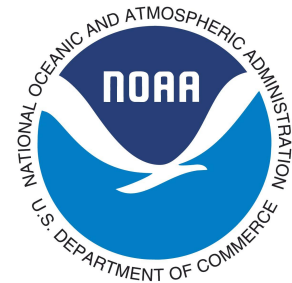


Agency - Division of Water
Resources w/NRCS data
Presenter - Laura Haskell

Including
Lake Powell
& Flaming Gorge

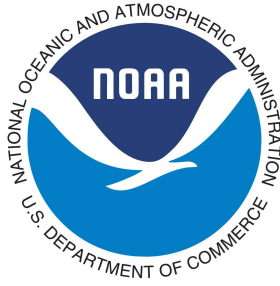


Weather Forecast Office Utah Day 1-7 Outlook

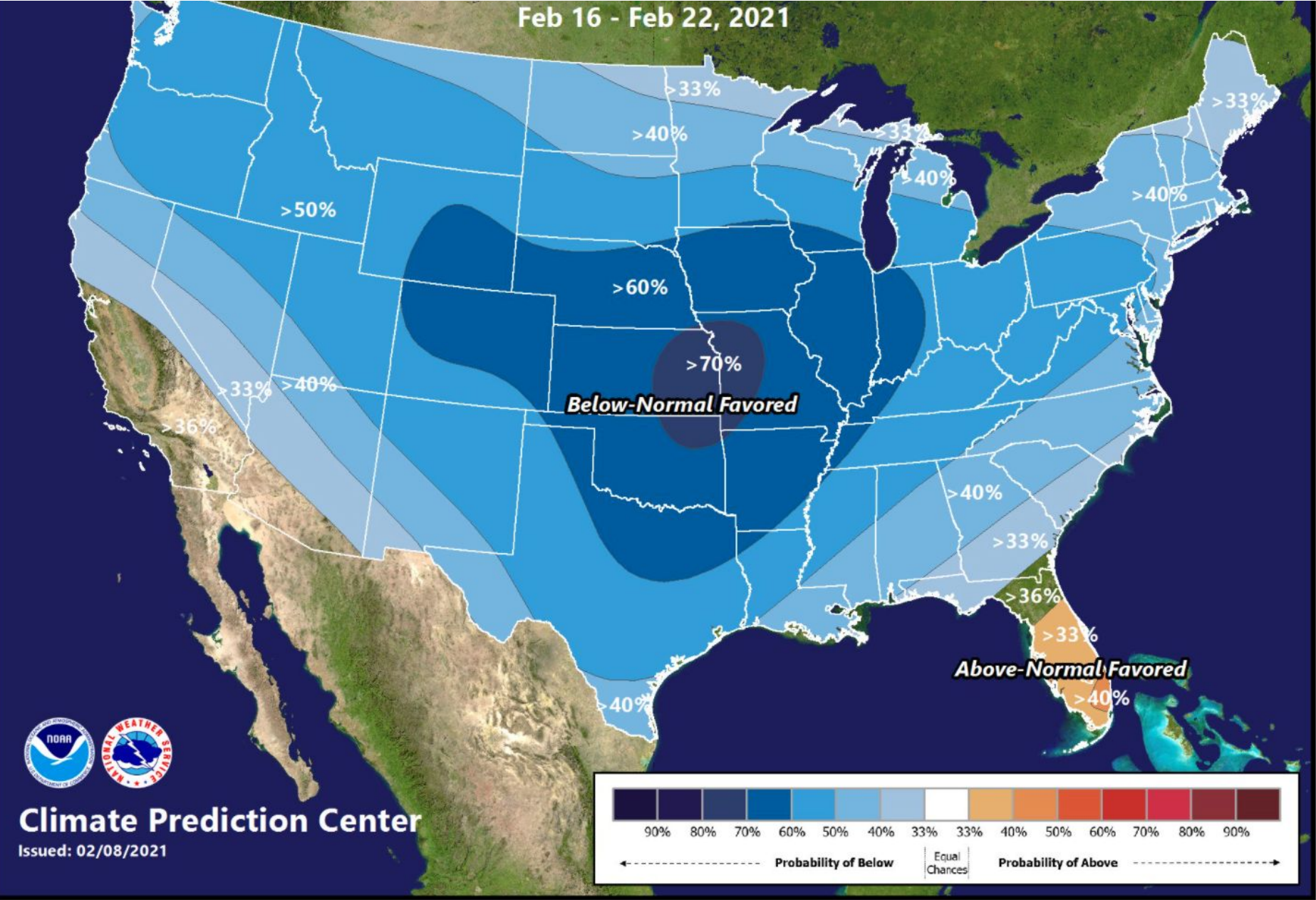


Agency - National Weather Service Weather Forecast Office
Presenter - Christine Kruse

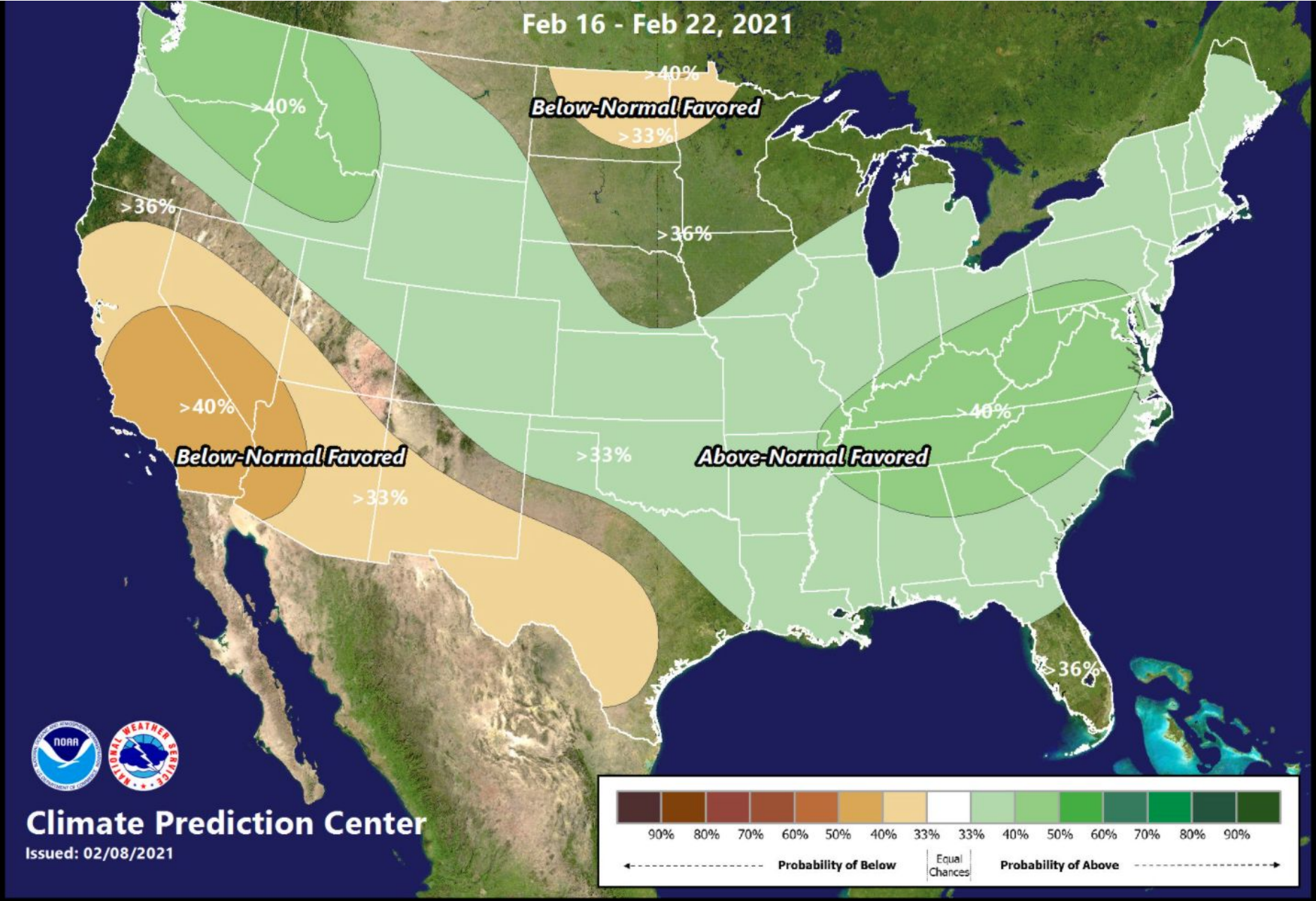
Weather Prediction Center U.S. Day 3-7 Hazards Outlook



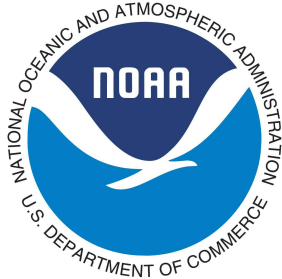
Climate Prediction Center 8 to 14 Day Outlooks - Temperature



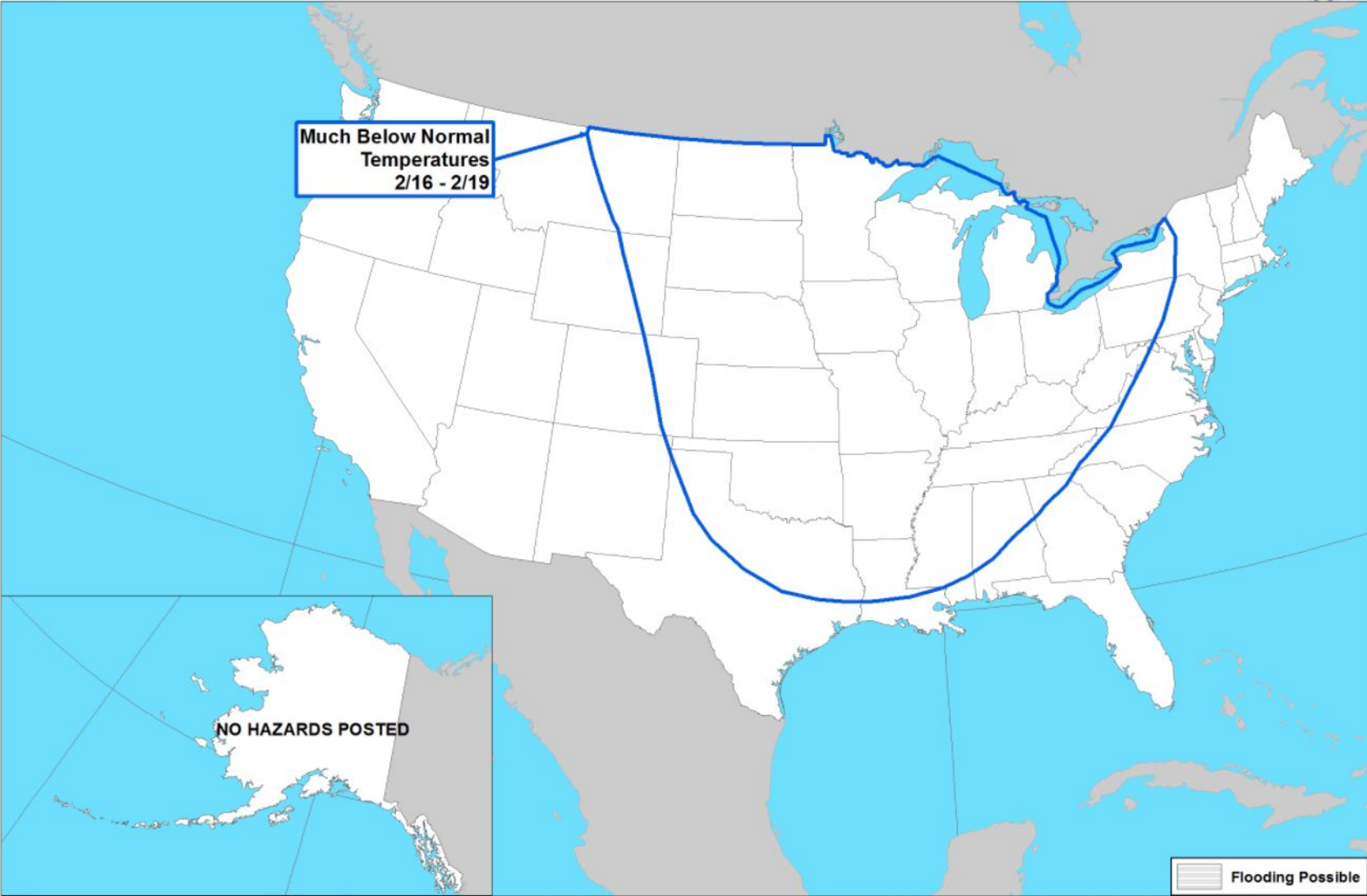
Climate Prediction Center 8 to 14 Day Outlooks - Precipitation



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



Day 8-14 U.S. Hazards Outlook
Valid: 02/16/2021-02/22/2021



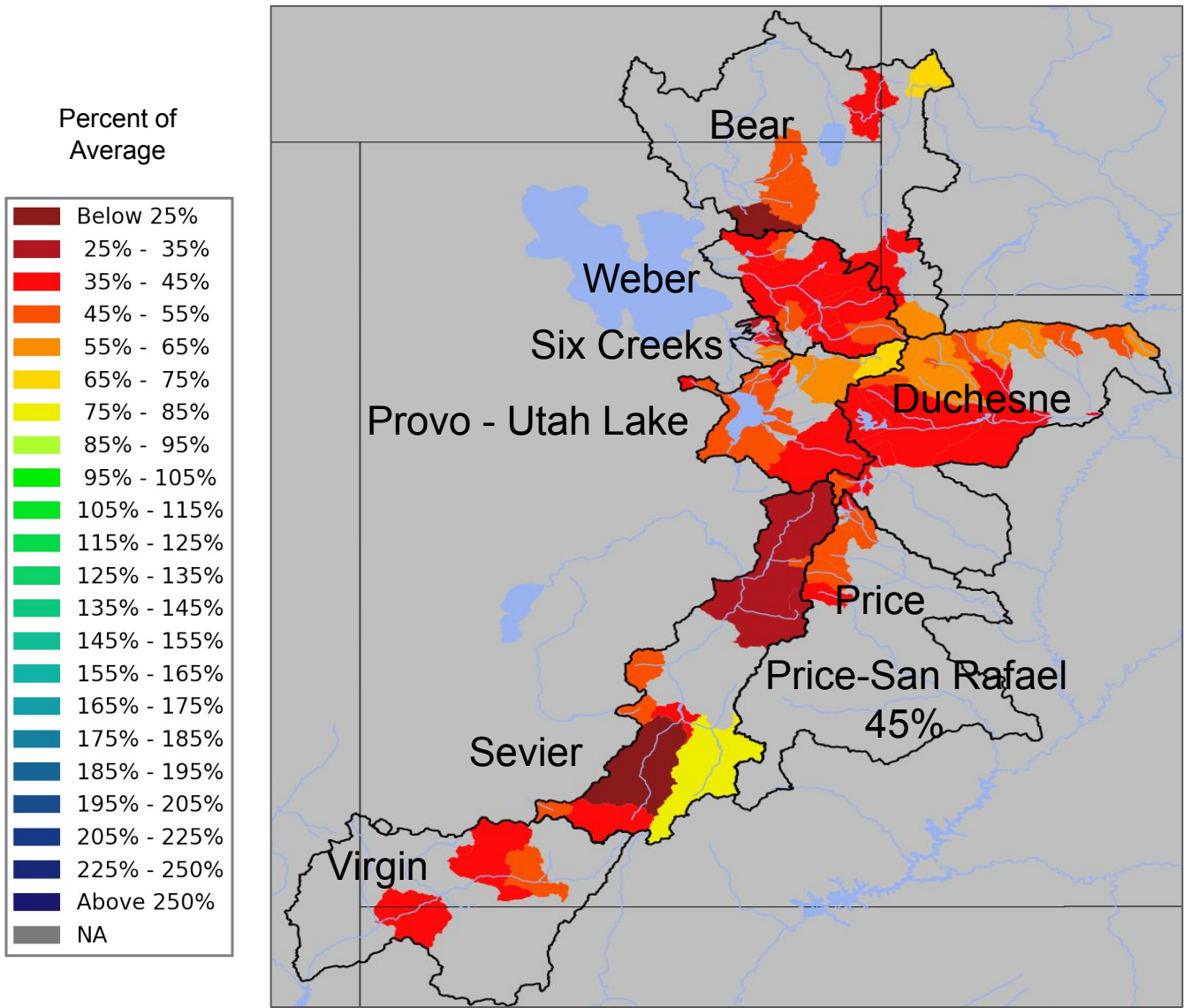
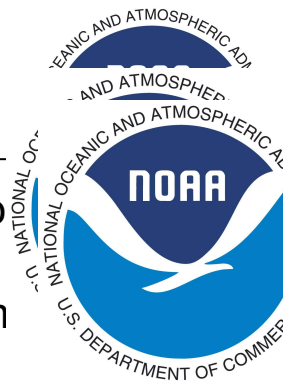
Climate Prediction Center

Made: 02/08/2021 3PM EST

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CBRFC, Utah Water Supply Forecasts - Overview



- February 1 Forecast for April-July Volume
- April-July Forecast Streamflow Volume in percent of 1981-2010 average

Median value of the...
...individual forecasts (in % of average)
...by Forecast Group.

| | |
|-------------------|----|
| Bear | 50 |
| Weber | 45 |
| Six Creeks | 40 |
| Provo / Utah Lake | 50 |
| Sevier | 40 |
| Duchesne | 50 |
| Virgin | 40 |

