Utah Drought Monitor Webinar

The meeting will begin shortly

Thank you to our contributors
Utah Drought Monitor Webinar

December 1, 2020
Precipitation 60 day history (Percent of Average)
Standardized Precipitation Index

60 Day SPI
10/2/2020 – 11/30/2020

Agency -
Presenter -
Precipitation 30 day history (Percent of Average)
Standardized Precipitation Index

30 Day SPI
11/1/2020 – 11/30/2020

NOAA Regional Climate Centers
Temperature 30 day (Related to Average)

Ave. Temperature dep from Ave (deg F)  
11/1/2020 - 11/30/2020

Av. Max. Temperature dep from Ave (deg F)  
11/1/2020 - 11/30/2020

Generated 12/ 1/2020 at WRCC using provisional data.  
NOAA Regional Climate Centers
Temperature 7 day (Related to Average)
Precipitation 7 day history (Percent of Average)
Snowpack (Water Year to date) % of normal

Agency - NRCS Snow Survey
Presenter - Dave Eiriksson
Soil Moisture (Current)
8” sensor depth
SNOTEL & SCAN sites

Agency - NRCS Snow Survey
Presenter - Dave Eiriksson
In the last month

Bear River Basin: reservoirs have gone up 2-10%

Weber River Basin: Rockport and Pineview have gone up 2-3%
Other reservoirs have stayed the same or gone down

Provo River Basin: Jordanelle and Deer Creek have gone up 2-3%
In the last month

Huntington North has gone up 9%
Remaining basin storage has stayed about the same
In the last month

Basin storage has gone from 93,545 to 110,829 AF

Increase of approximately 18%
Weather Forecast Office Utah Day 1-7 Outlook

Agency - National Weather Service Weather Forecast Office
Presenter - Jeff Colton
Weather Prediction Center U.S. Day 3-7 Hazards Outlook

Valid December 03, 2020 - December 07, 2020

Agency - National Weather Service Weather Forecast Office
Presenter - Jeff Colton
Climate Prediction Center 8 to 14 Day Outlooks - Temperature

Three Category Temperature Outlook
Normal Maximum Temperature: 39
Normal Minimum Temperature: 25

Three Category Precipitation Outlook
Normal Precipitation: 0.35

Agency - National Weather Service Weather Forecast Office
Presenter - Jeff Colton
Climate Prediction Center 8 to 14 Day Outlooks - Precipitation

Three Category Temperature Outlook
Normal Maximum Temperature: 39
Normal Minimum Temperature: 25

Three Category Precipitation Outlook
Normal Precipitation: 0.35

Agency - National Weather Service Weather Forecast Office
Presenter - Jeff Colton
LEFT: Last year even with good carryover soil moisture initializations a dry fall, resulted in below average forecasts and ultimately runoff. With these states, January 1, 2020 forecast for spring runoff were between 10-20% below average.

RIGHT: Given the current states, WY 2021, initial outlooks suggest even larger departures from average runoff when we begin forecasting January 1, 2021.
Drought Monitoring and Reporting in Utah: building a network for drought response

December 4
10am - Noon

email drought@utah.gov to register