

Update on Utah's snowpack conditions:

NEW RECORD STATEWIDE SNOWPACK!

A Special Report of the NRCS-Utah Snow Survey

Introduction

The purpose of this Special Report is to highlight the RECORD-BREAKING snowpack conditions being observed at Utah's SNOTEL sites. This one-page document is a supplemental mid-month update to the March 1 Water Supply Outlook Report distributed earlier this month. We highlight herein some record snowpack conditions, as of March 24th. These conditions will be updated again when we distribute our next Water Supply Outlook Report in early April.

The intended audience for this Special Report is the media and interested members of the public.

New record snowpack conditions

- As of March 24th, Utah's statewide snow water equivalent measured at our SNOTEL weather stations reached an average of 26.1 inches, which breaks the record of 26.0" from 1983. We now officially have the most snow in Utah since 1980, which was the beginning of the SNOTEL era. If we compare with snow course data (which were manual, monthly measurements obtained at around large number of sites going back to the 1930s), it appears that this year has the largest snowpack since 1952. So, we're currently experiencing the best snowpack in 70 years! And it's still snowing!!
- **New records are being set!** As of today, 29 of Utah's 138 SNOTEL sites were reporting a record high amount of SWE for this date, and 17 more were second-highest. Of Utah's major basins, 6 have record-high SWE based on current conditions, with several others very close to record territory:
 - Provo-Utah Lake-Jordan (200% of normal)
 - Tooele Valley-Vernon Creek (221% of normal)
 - Southeastern Utah (270% of normal)
 - Price-San Rafael (210% of normal)
 - Lower Sevier (256% of normal)
 - Beaver (198% of normal)
- Currently, our statewide snow water equivalent (SWE) is 192% of normal. Amazingly, our *current* statewide SWE is roughly 183% of our normal *peak* SWE!

Refer to the NRCS-Utah Snow Survey [homepage](#) for additional information. Questions or comments? Please feel free to [contact](#) us.

Figures:

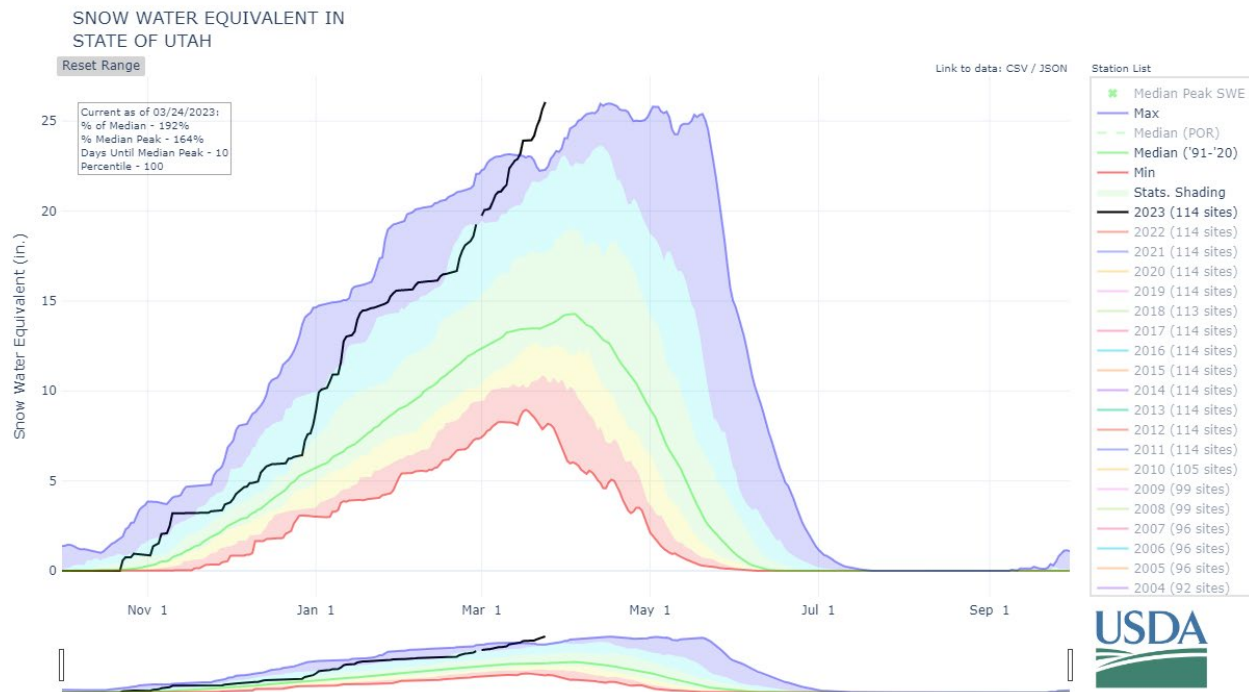


Figure 1: Statewide snow water equivalent (SWE) shown by the black line, compared with normal conditions (green line) and the range of previous observations (background shading, colored by percentile). The black line now exceeds the previous maximum value, showing that Utah has broken the record for statewide snowpack this winter.

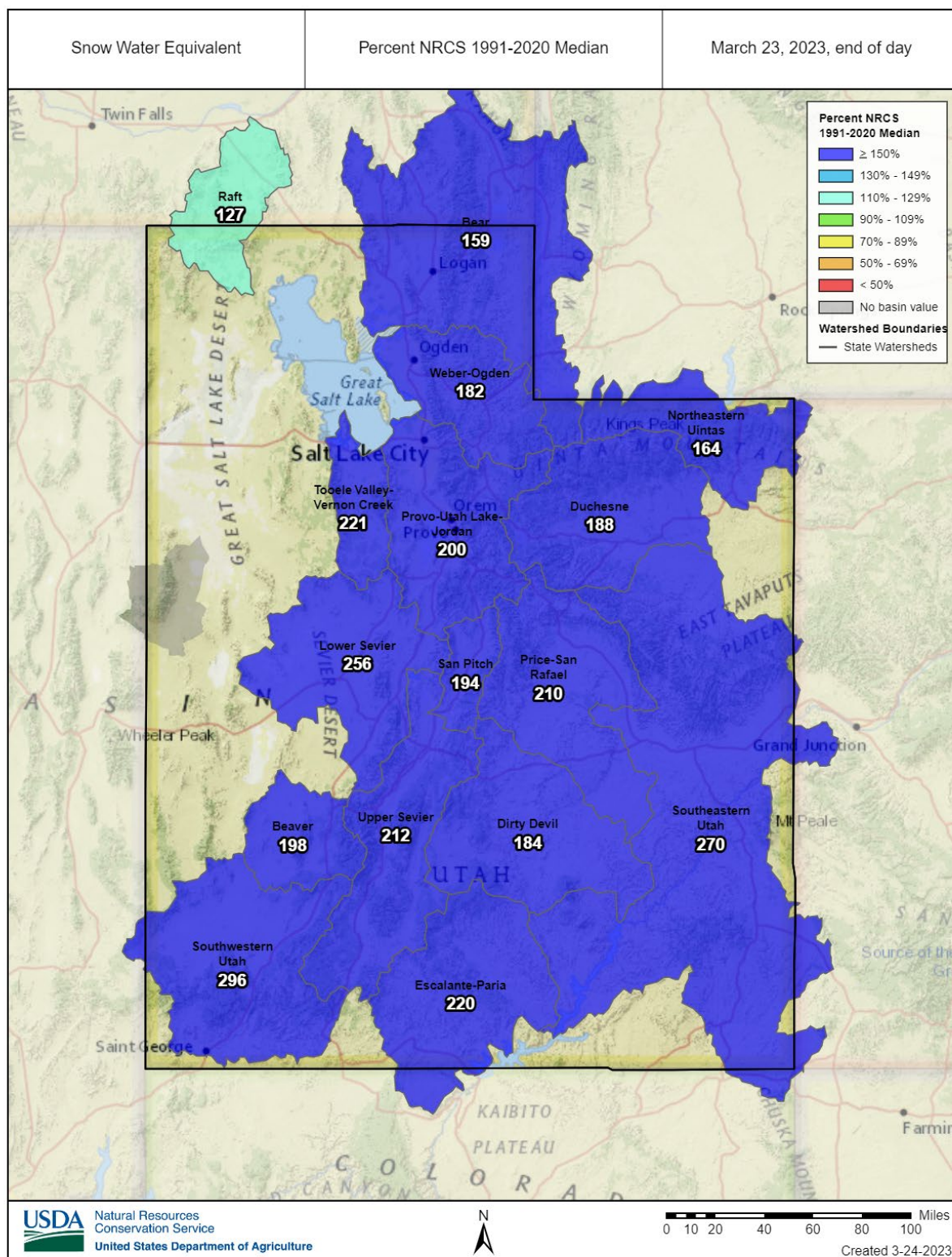


Figure 2: Snow water equivalent (SWE) at Utah's major basins, colored by percent normal.