NOAA June 2018 Wyoming Water Supply Outlook

This will be the LAST update of the season.

HIGHLIGHTS:

…Wyoming May 2018 precipitation was **120** to **130** percent of average...

...Current water year precipitation is averaging **100** to **110** percent of normal across Wyoming…

…Mountain snowpack across Wyoming was **80** to **90** percent of median in early June...

…Overall, near normal (**95** to **105** percent) snowmelt streamflow volumes are still expected across Wyoming during the rest of the snowmelt runoff season…

…Wyoming reservoir storages are at **110** to **120** percent of average for June…

Synopsis:

May 2018 precipitation totals across Wyoming were **120** to **130** percent of average. Precipitation numbers varied between **179** percent of normal over the Crow/Lodgepole Creek Basin (extreme southeastern Wyoming) to near **50** percent of average over the Little Snake River Basin (southern Wyoming). Current water year (October 2017 - May 2018) precipitation across Wyoming is averaging **100** to **110** percent of average.

Mountain snowpack across Wyoming was at **80** to **90** percent of median by early June. Snowpack "water" numbers and/or SWEs continue to be the highest across basins in northwest to north central Wyoming—varying between **120** to **140** percent of median. SWEs across basins in southern Wyoming were at **30** to **60** percent of median.

Overall, near normal (**90** to **100** percent) snowmelt streamflow volumes are still expected across Wyoming during the rest of snowmelt runoff season. **Above** average (**110** to **130** percent) streamflow volumes are forecasted across portions of the Wind, Shoshone, Snake, Upper Green, and Upper Yellowstone Watersheds. The Lower Green, Upper North Platte,

Laramie, and Little Snake Basins are expected to have **well below** normal streamflow volumes the remainder of the snowmelt runoff season.

Reservoirs storages across Wyoming remained **above** average at **110** to **120** percent for June.

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Other hydrological information for Wyoming can be found at the NOAA hydrology website:
http://www.weather.gov/riw/local_hydrology

Monthly Wyoming Hydrologic Summary and Graphics:
(updated monthly around the 15th of every month)
http://www.weather.gov/media/riw/hydro/hydro_report.pdf

Wyoming Drought Information Page:
(updated at least once a month)
http://www.weather.gov/riw/drought

Wyoming Graphical Water Supply Outlook:
(updated by the 10th of every month—January-June)
http://www.weather.gov/images/riw/hydro/watersupply.png

Wyoming Average Precipitation by Basin:
(updated monthly)
http://www.weather.gov/images/riw/hydro/wyomingprecip.png

Wyoming Spring Snowmelt Runoff Flood Potential Graphic:
(updated around the 25th of the month---February-April—sometimes May)
http://www.weather.gov/images/riw/hydro/floodoutlook.png

Current and Forecast Wyoming Streamflows and/or River Stages:
http://water.weather.gov/ahps2/index.php?wfo=RIW
http://water.weather.gov/ahps2/index.php?wfo=CYS
http://waterdata.usgs.gov/wy/nwis/rt

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As always...I welcome you questions and comments---
enjoy--
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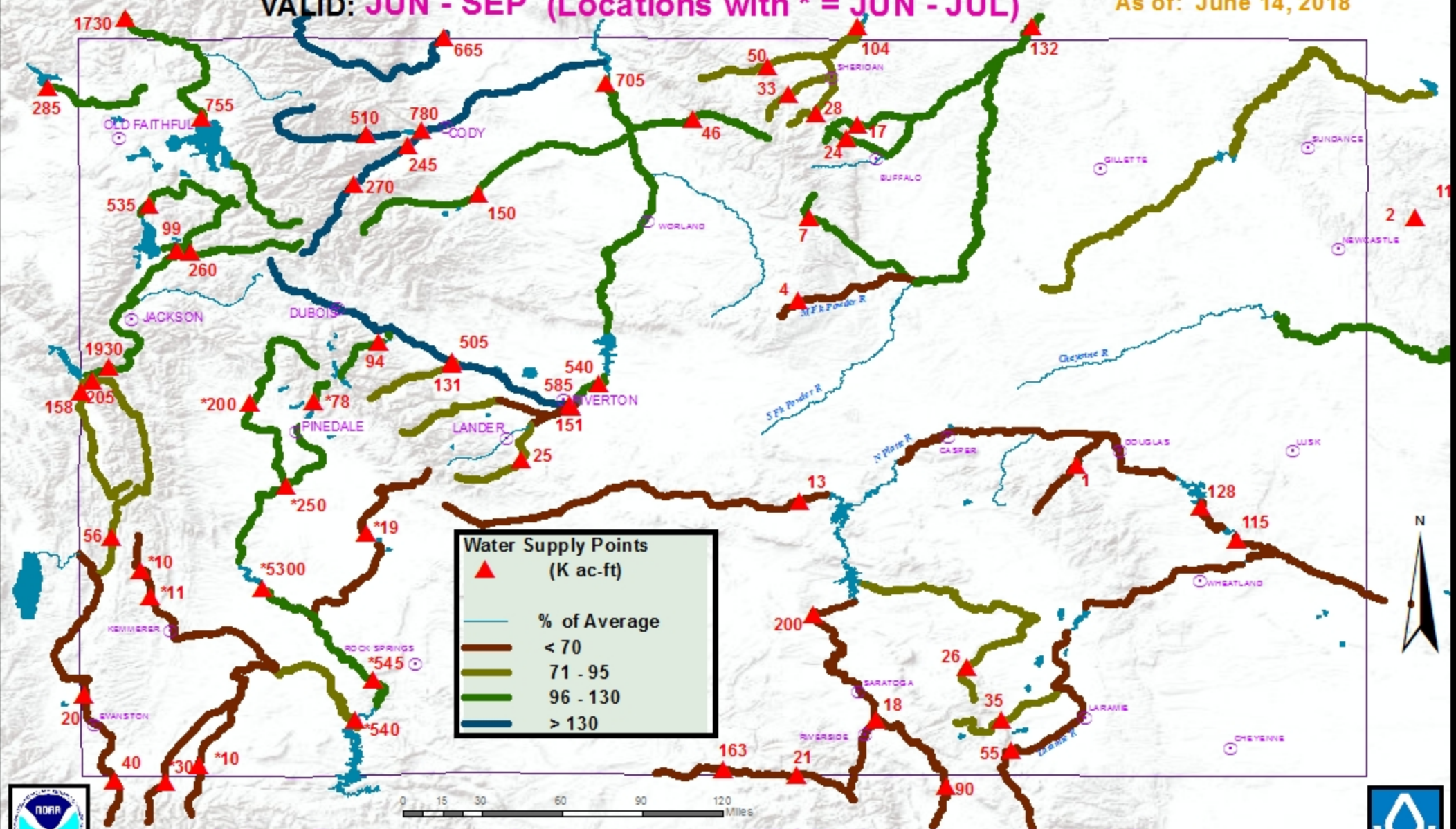
Wyoming Water Supply Outlook

VALID: JUN - SEP (Locations with * = JUN - JUL)

As of: June 14, 2018



Volume Forecasts are taken from Wyoming NRCS's Water Supply Outlook Report

Note: Numbers in BOLD text next to Water Supply Points Refer to Volume Forecast in Thousands of Acre-feet (K ac-ft). 1 acre-foot of water covers 1 acre of land to a depth of 1 foot.

NOTE: ALL FORECAST VOLUMES REFLECT FULL NATURAL FLOW. ACTUAL OBSERVED FLOWS MAY BE AFFECTED BY UPSTREAM WATER MANAGEMENT.

Note: This the LAST water supply outlook graphic for WY2018.

Sources: Esri, USGS, NOAA