



Water Availability Task Force Meeting

November 26th, 2019

NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

Hydrologist

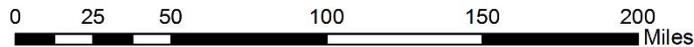
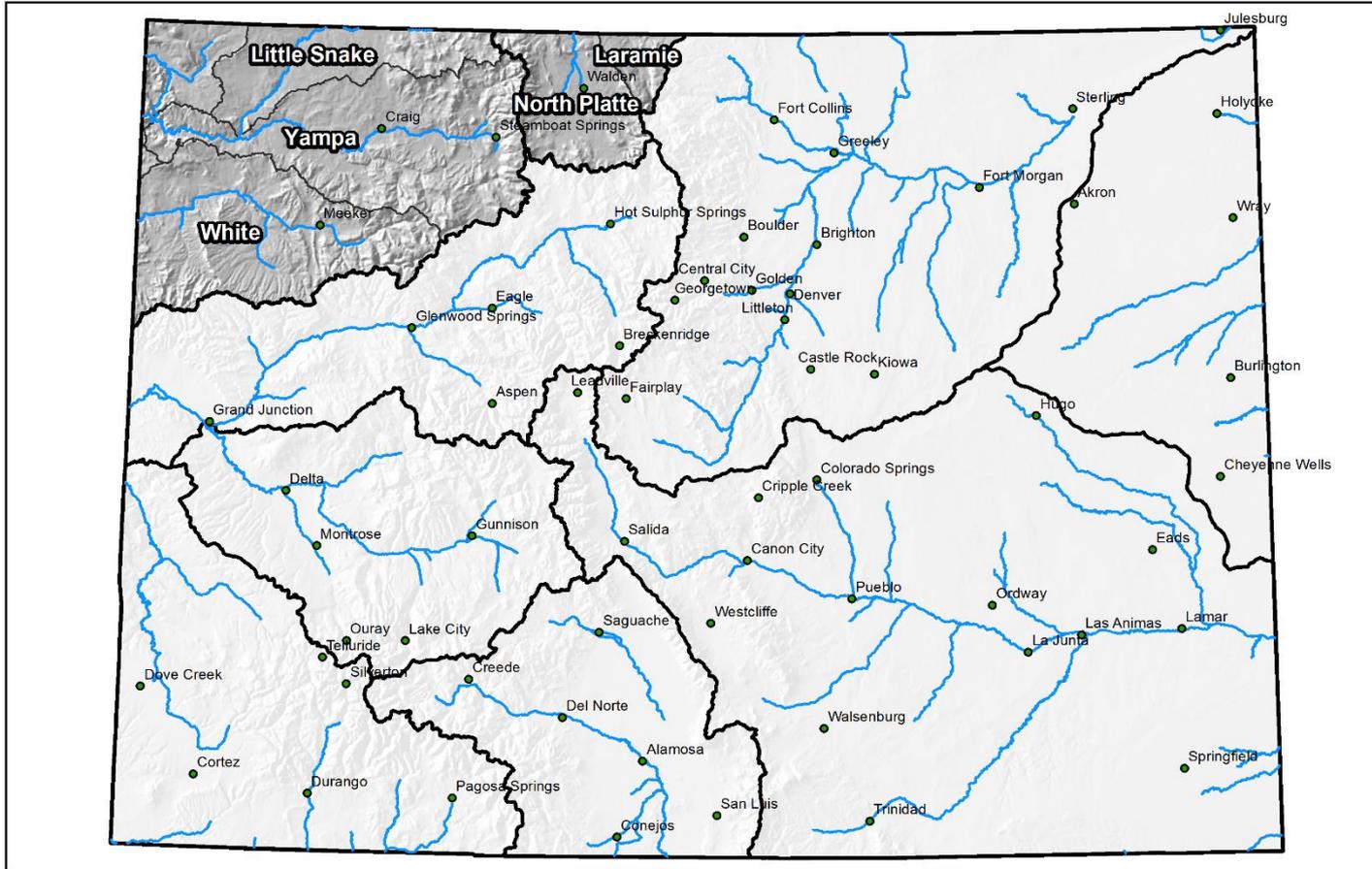
Asst. Snow Survey Supervisor

720-544-2853

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/>

Major Basin Summary

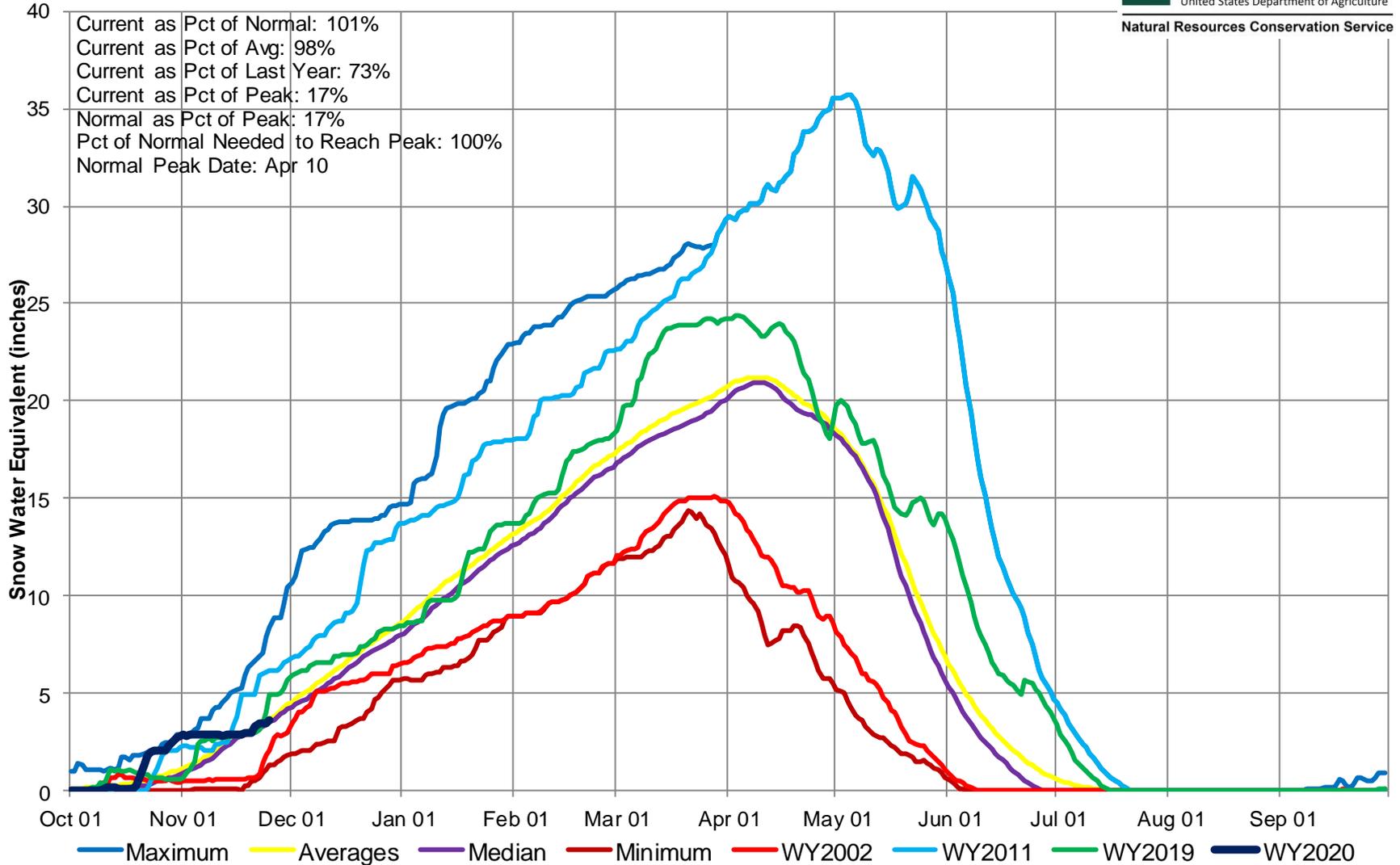
Yampa, White, and North Platte River Basins





Yampa and White River Basins High/Low Snowpack Summary

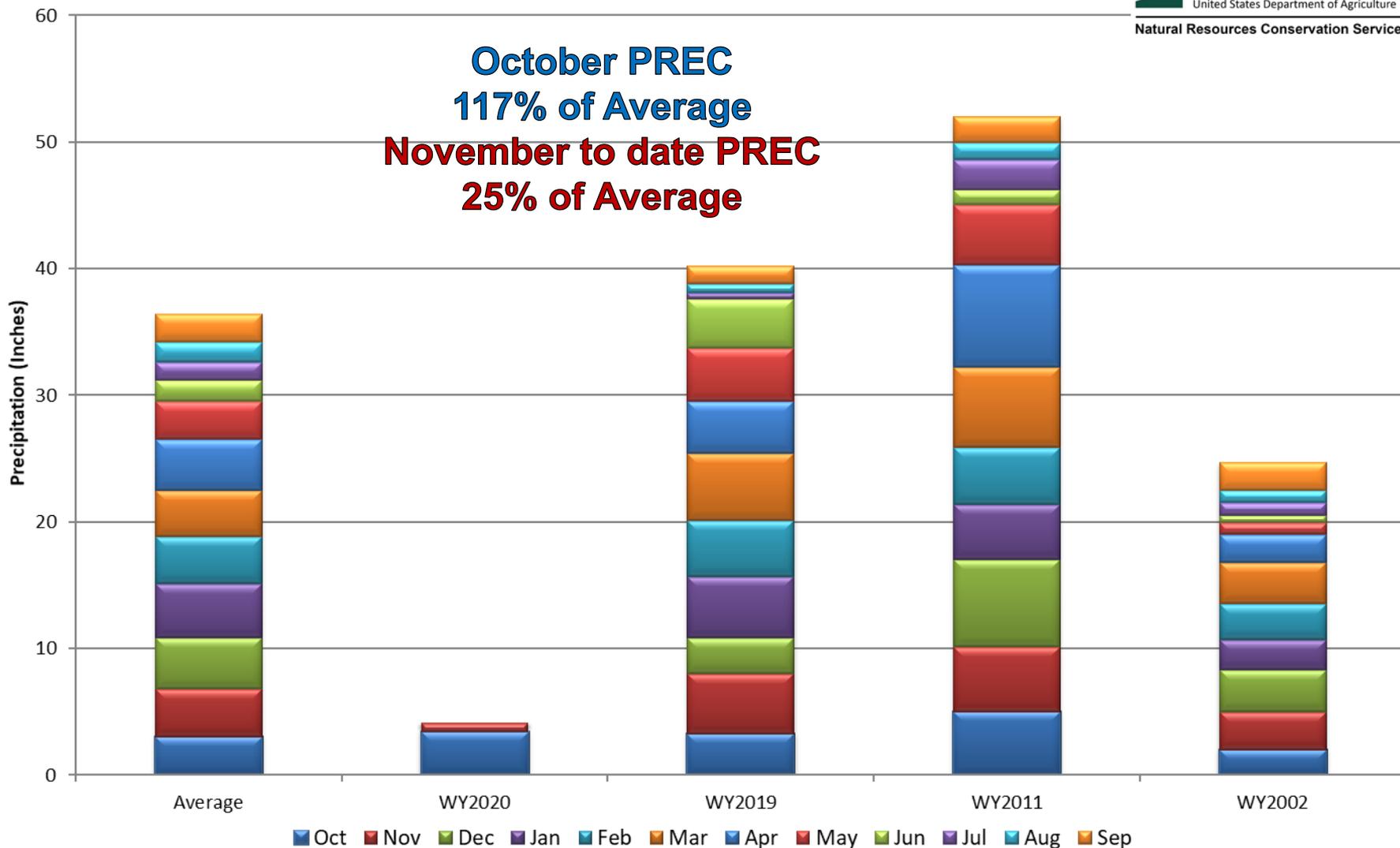
Based on Provisional SNOTEL data as of Nov 25, 2019



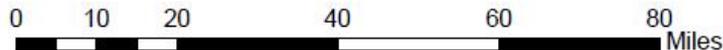
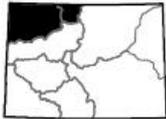
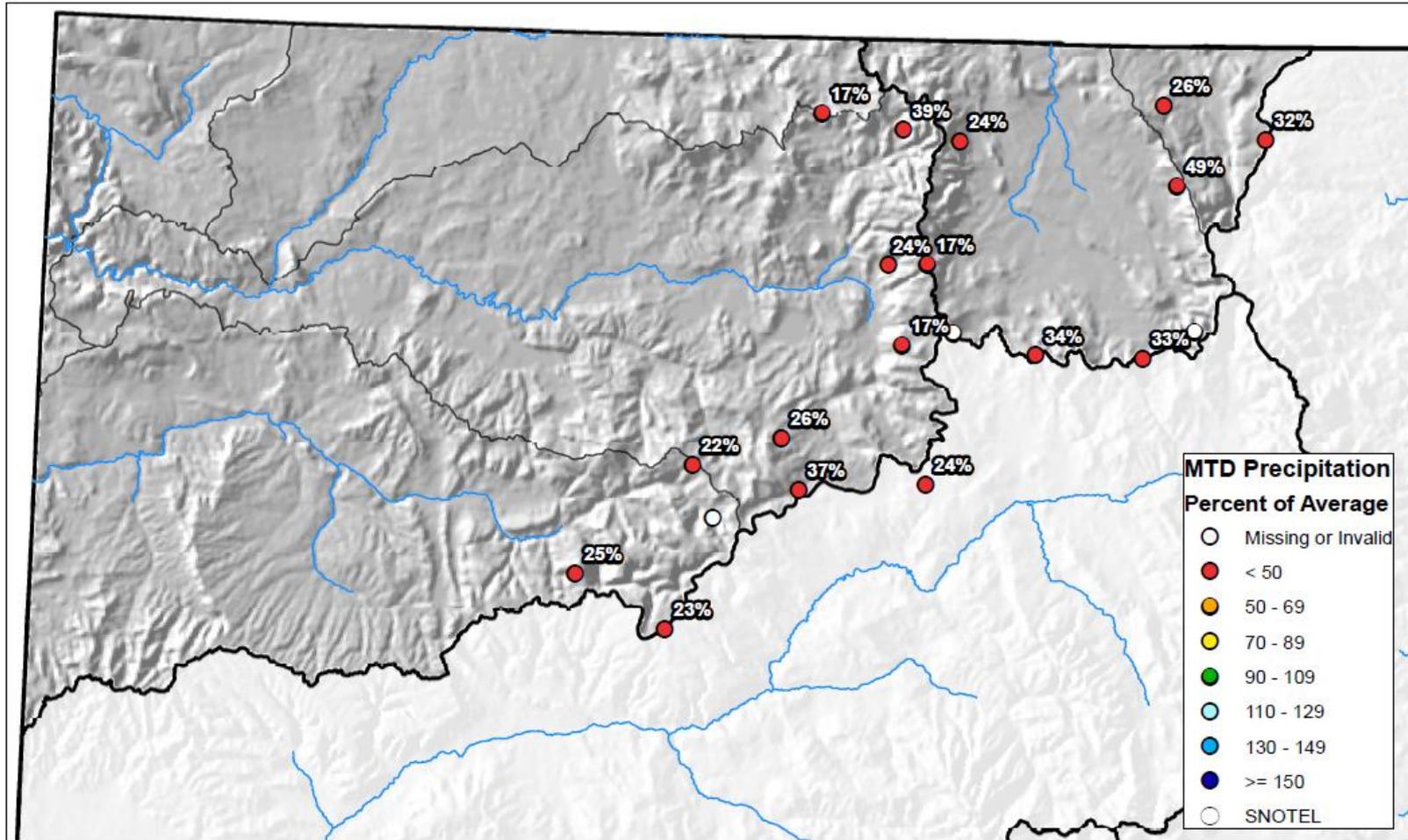
Yampa and White River Basins High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019

October PREC
117% of Average
November to date PREC
25% of Average



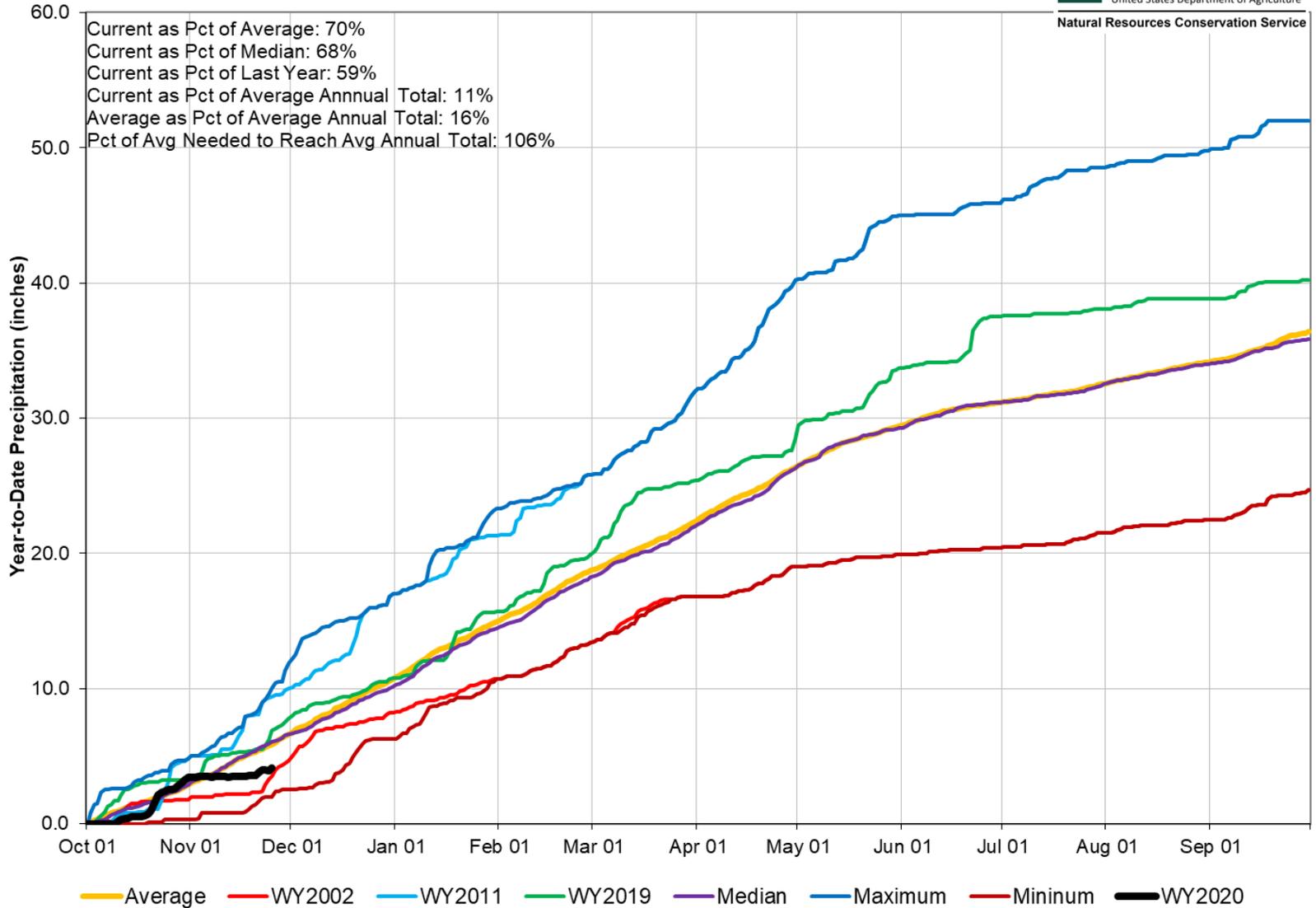
Yampa, White, and North Platte River Basins Month to Date Precipitation Summary Current as of Nov 25, 2019

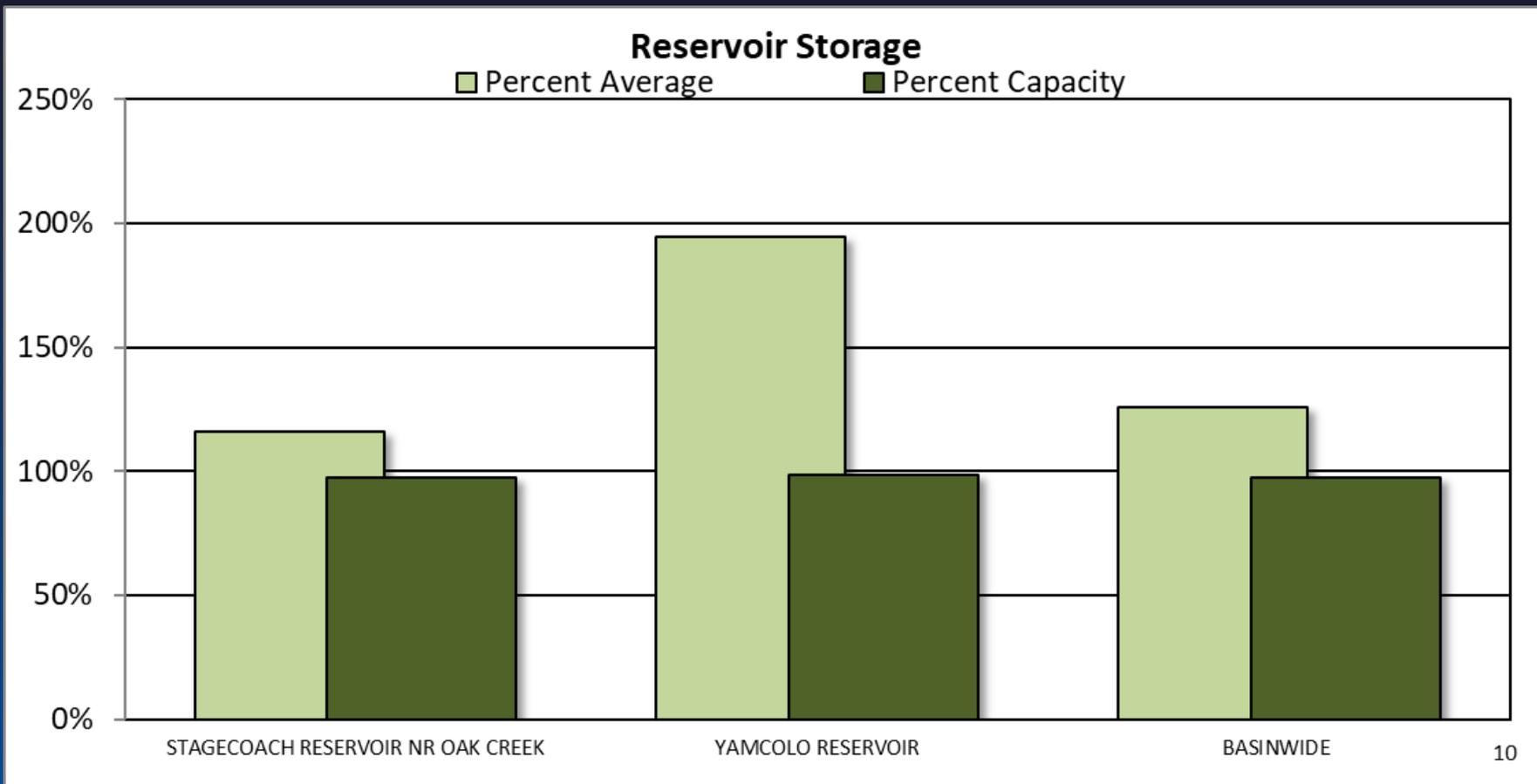


Yampa and White River Basins High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019

USDA
United States Department of Agriculture
Natural Resources Conservation Service

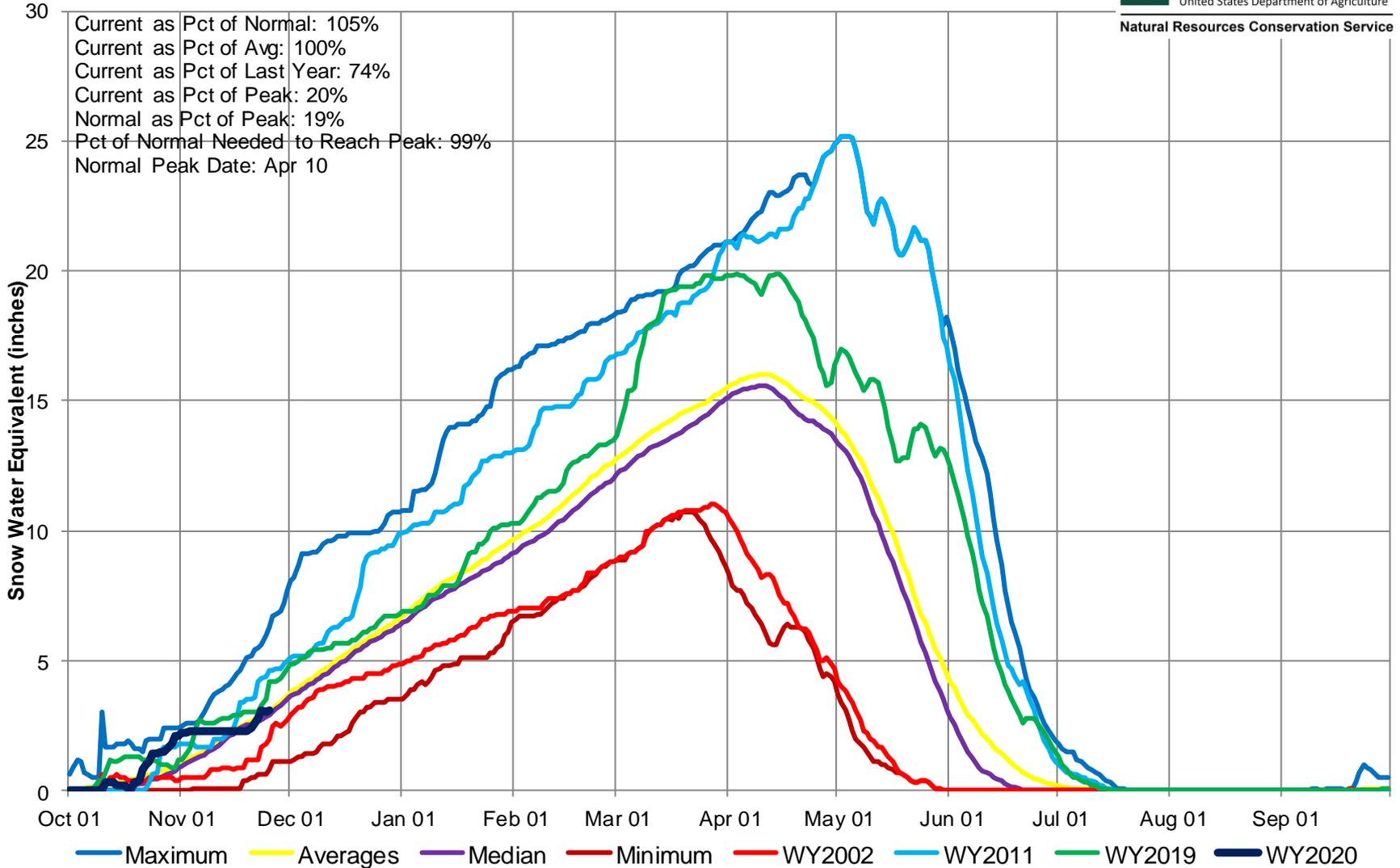






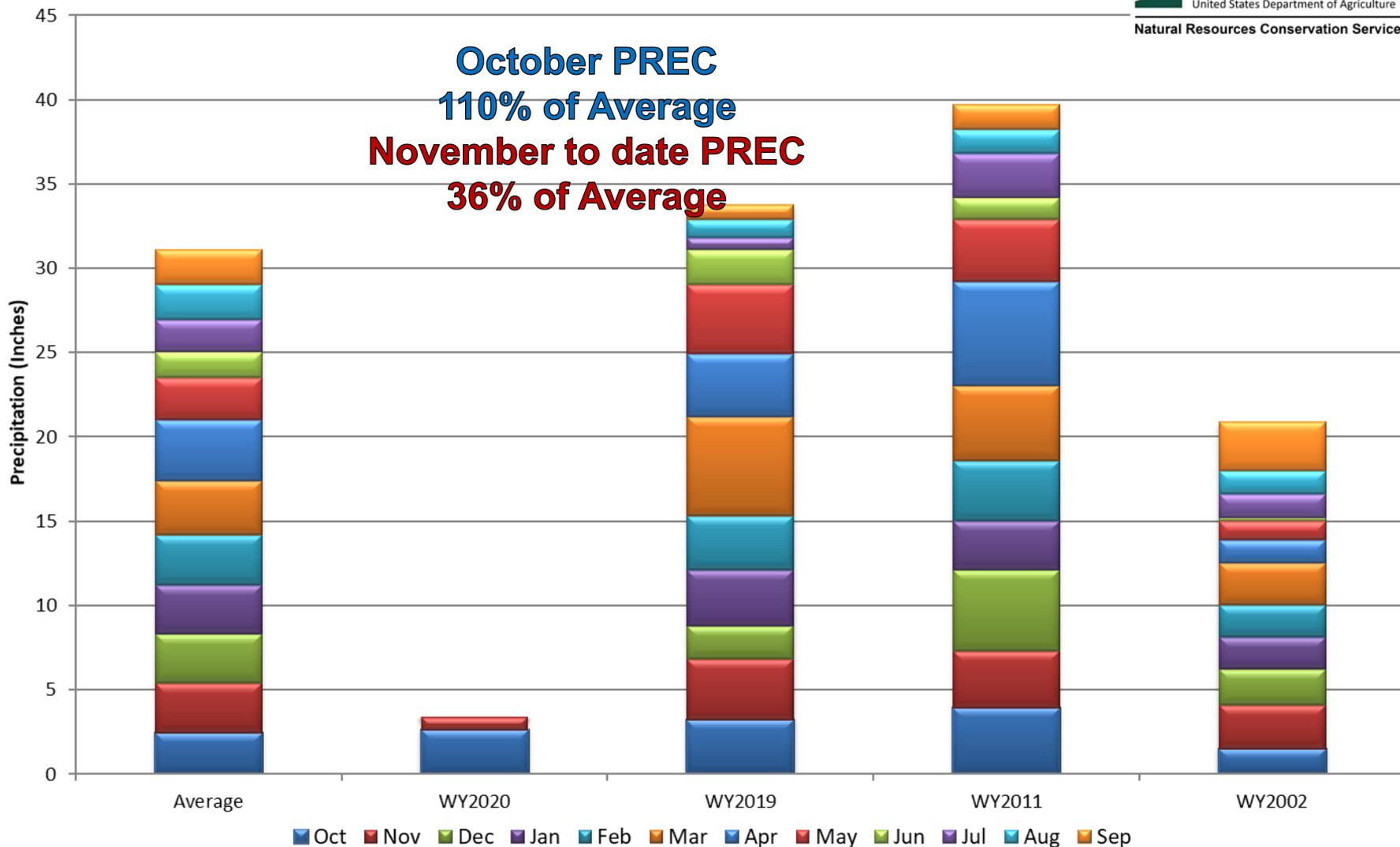
Upper Colorado River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 25, 2019

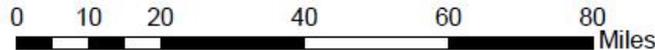
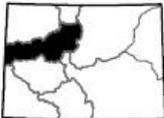
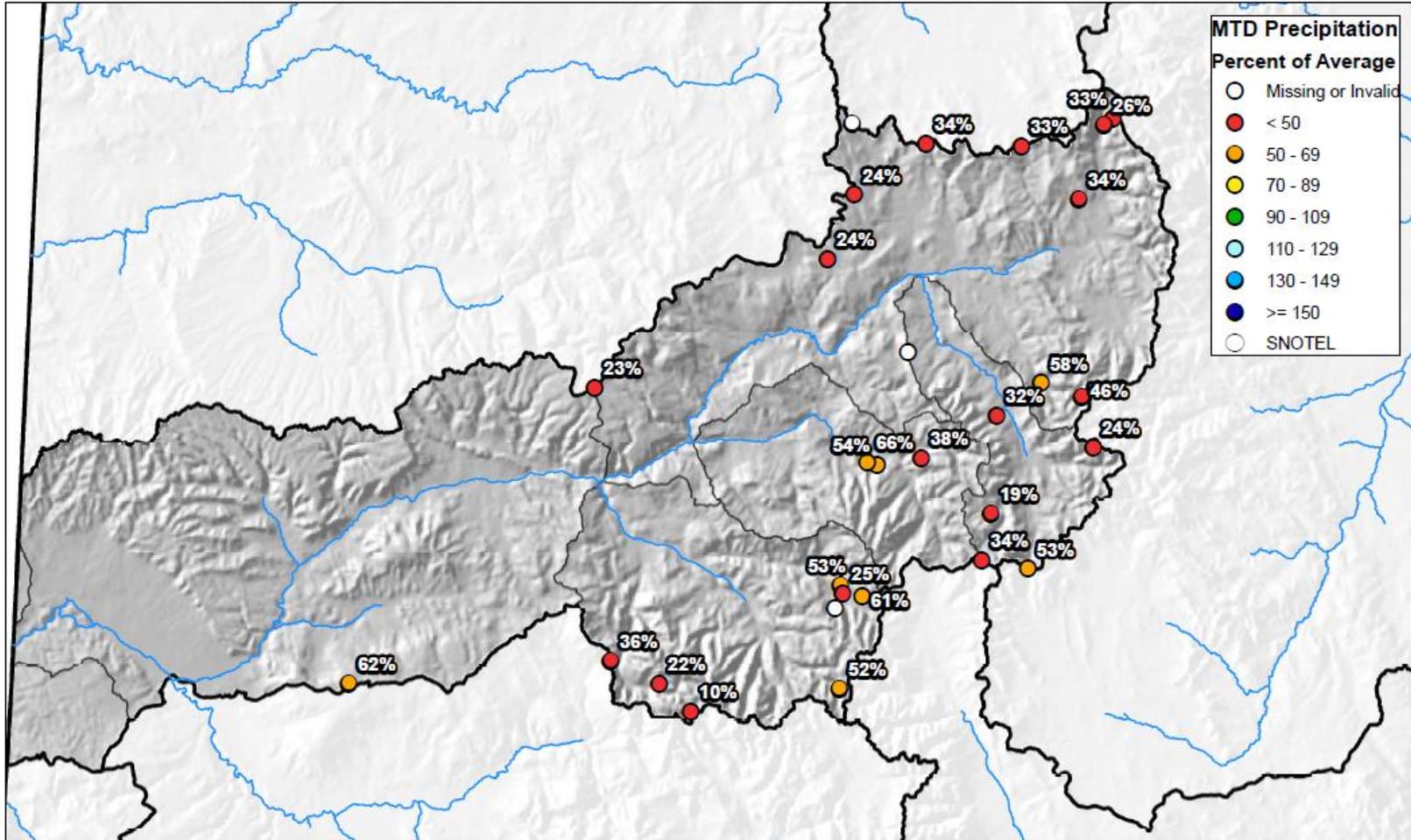


Upper Colorado River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019

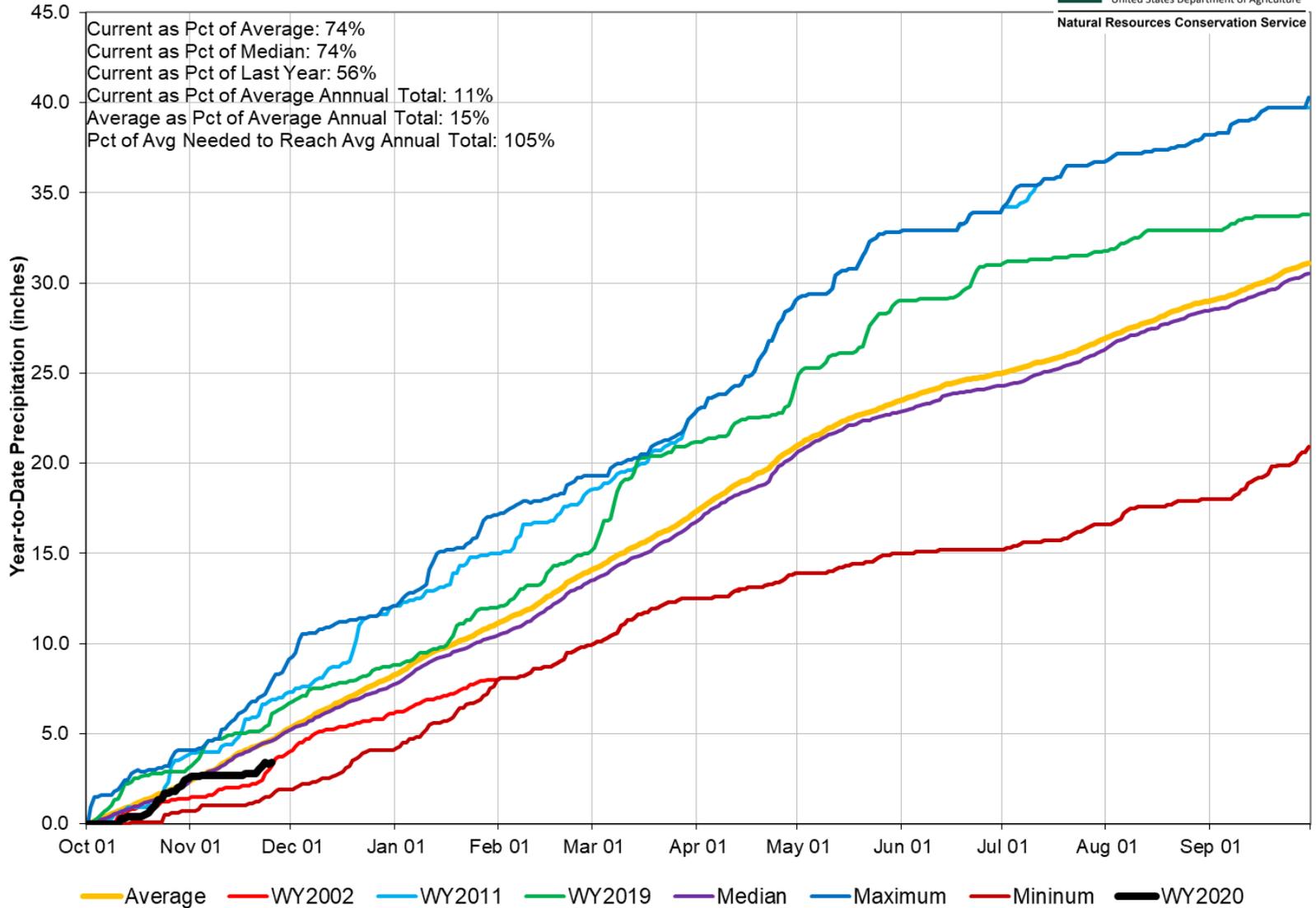


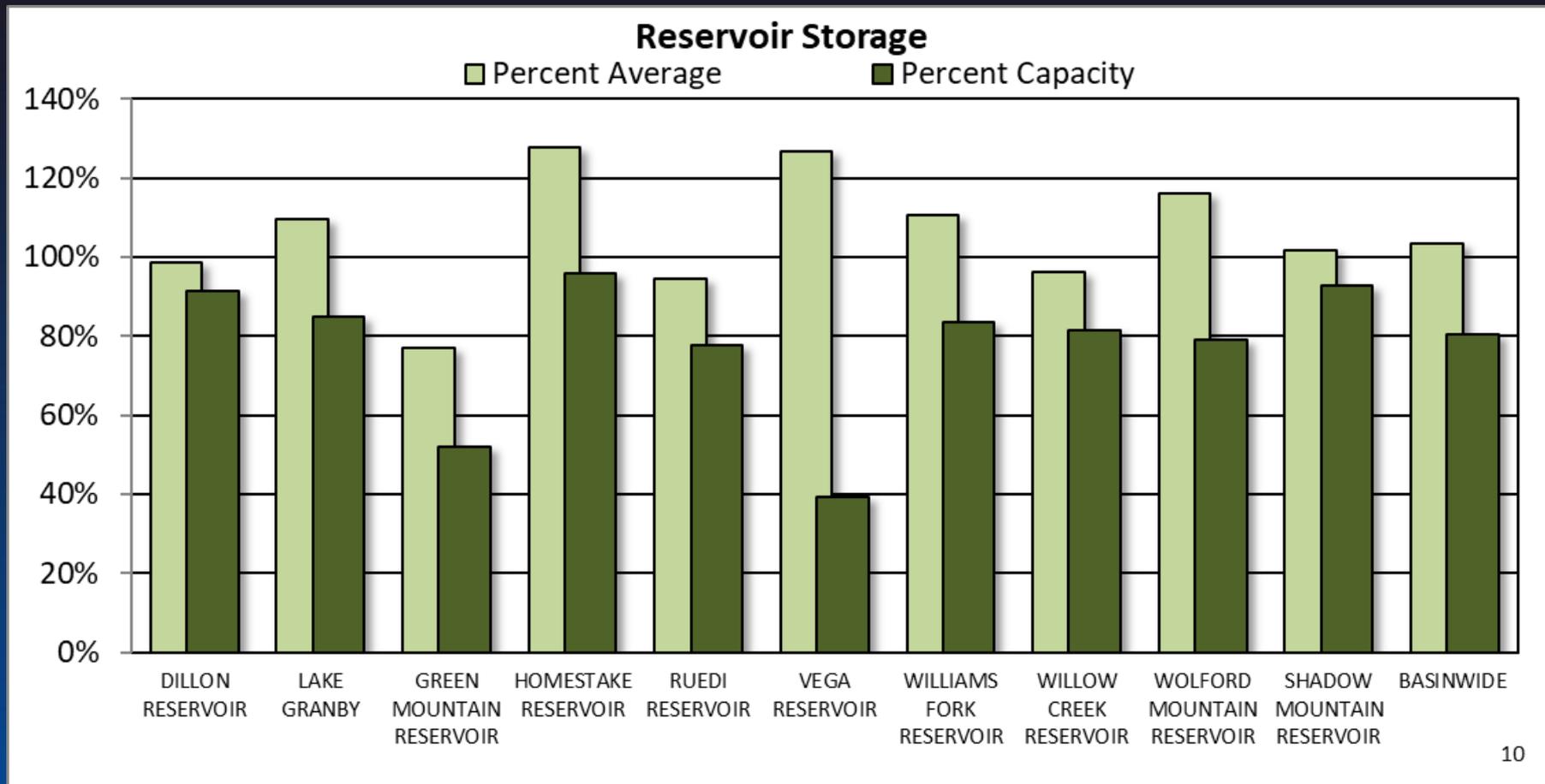
Upper Colorado River Basin Month to Date Precipitation Summary Current as of Nov 25, 2019



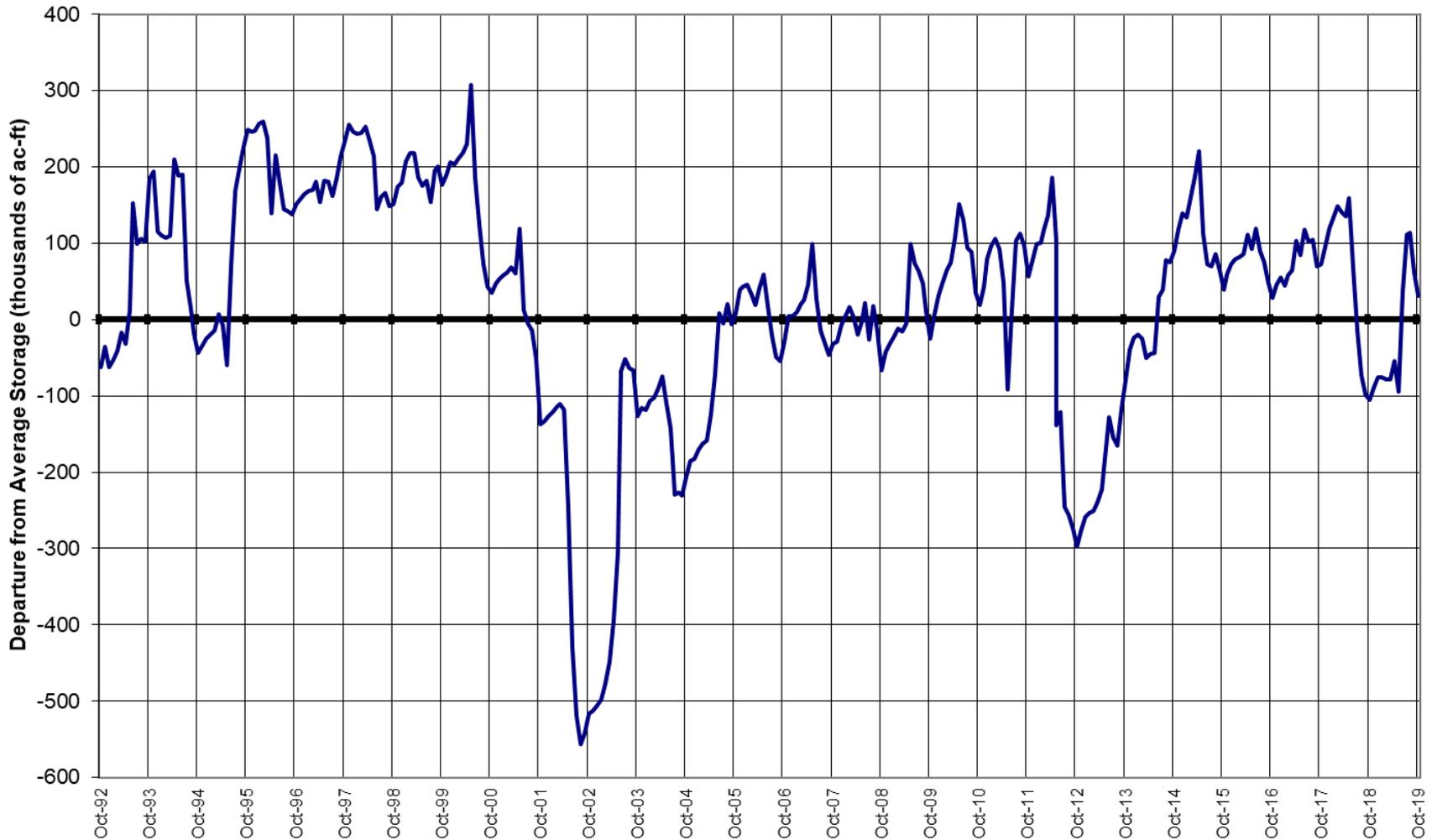
Upper Colorado River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



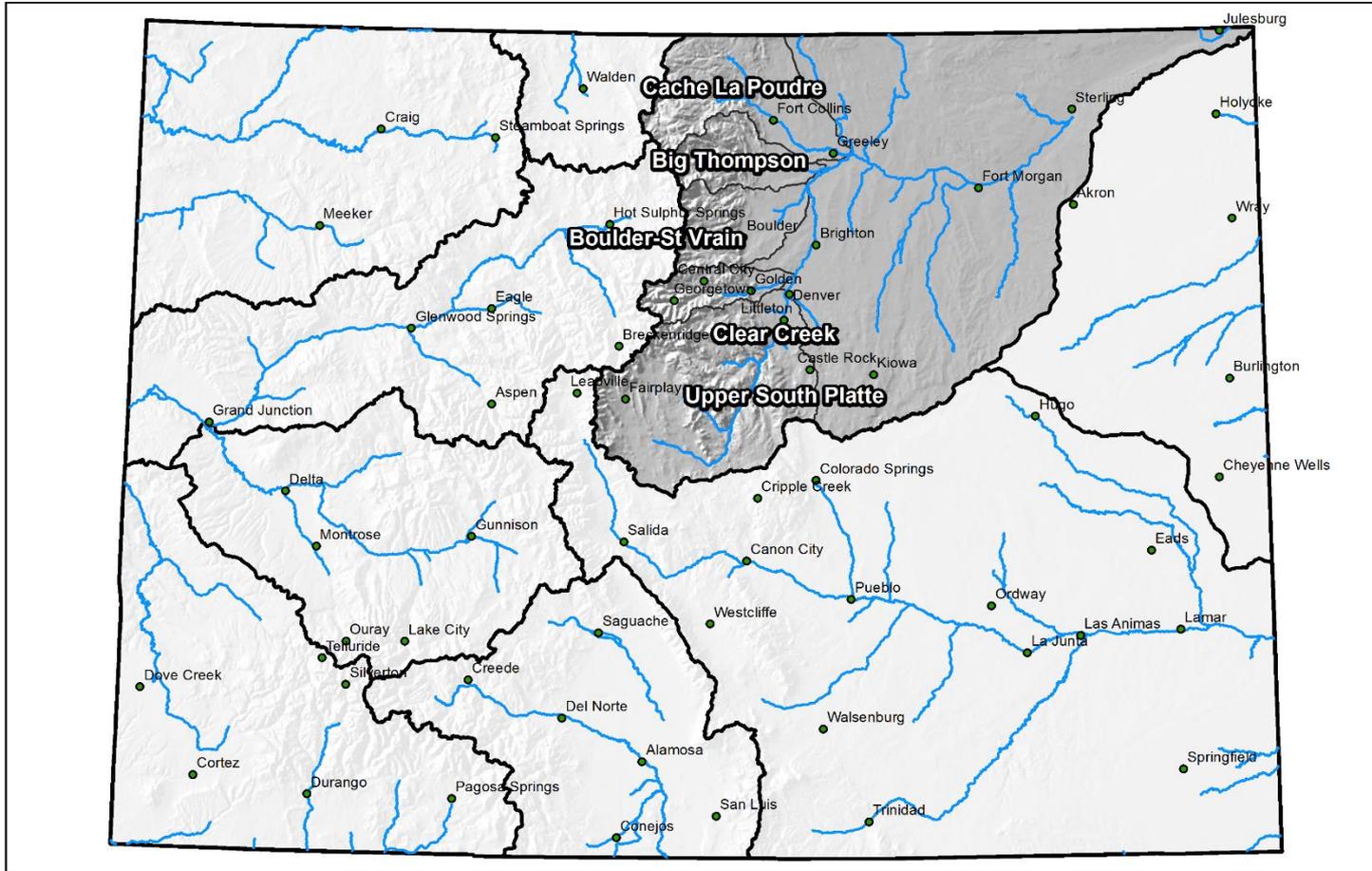


**COLORADO RIVER BASIN
Reservoir Storage
Departure from Average**



Major Basin Summary

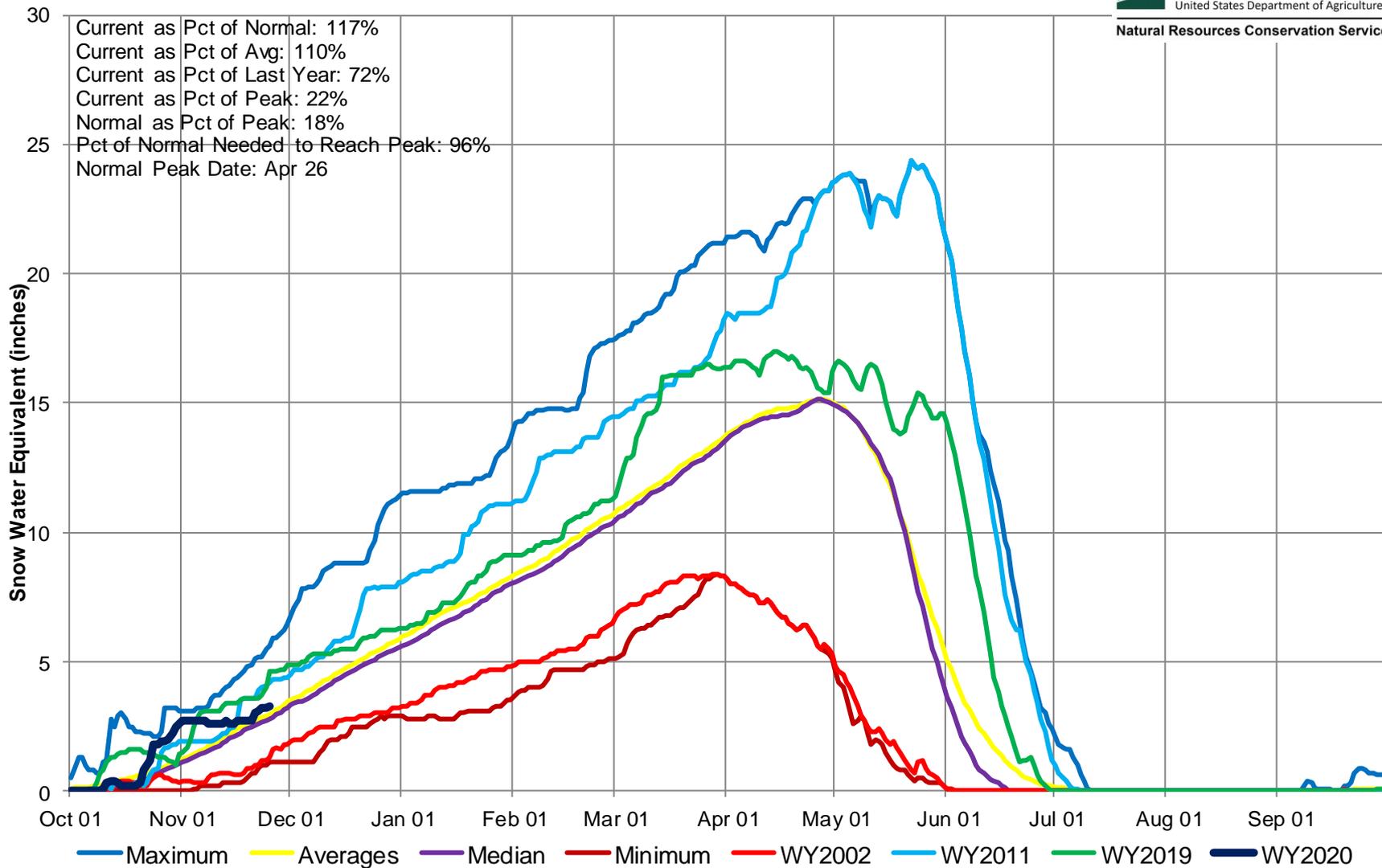
South Platte River Basin



South Platte River Basin High/Low Snowpack Summary

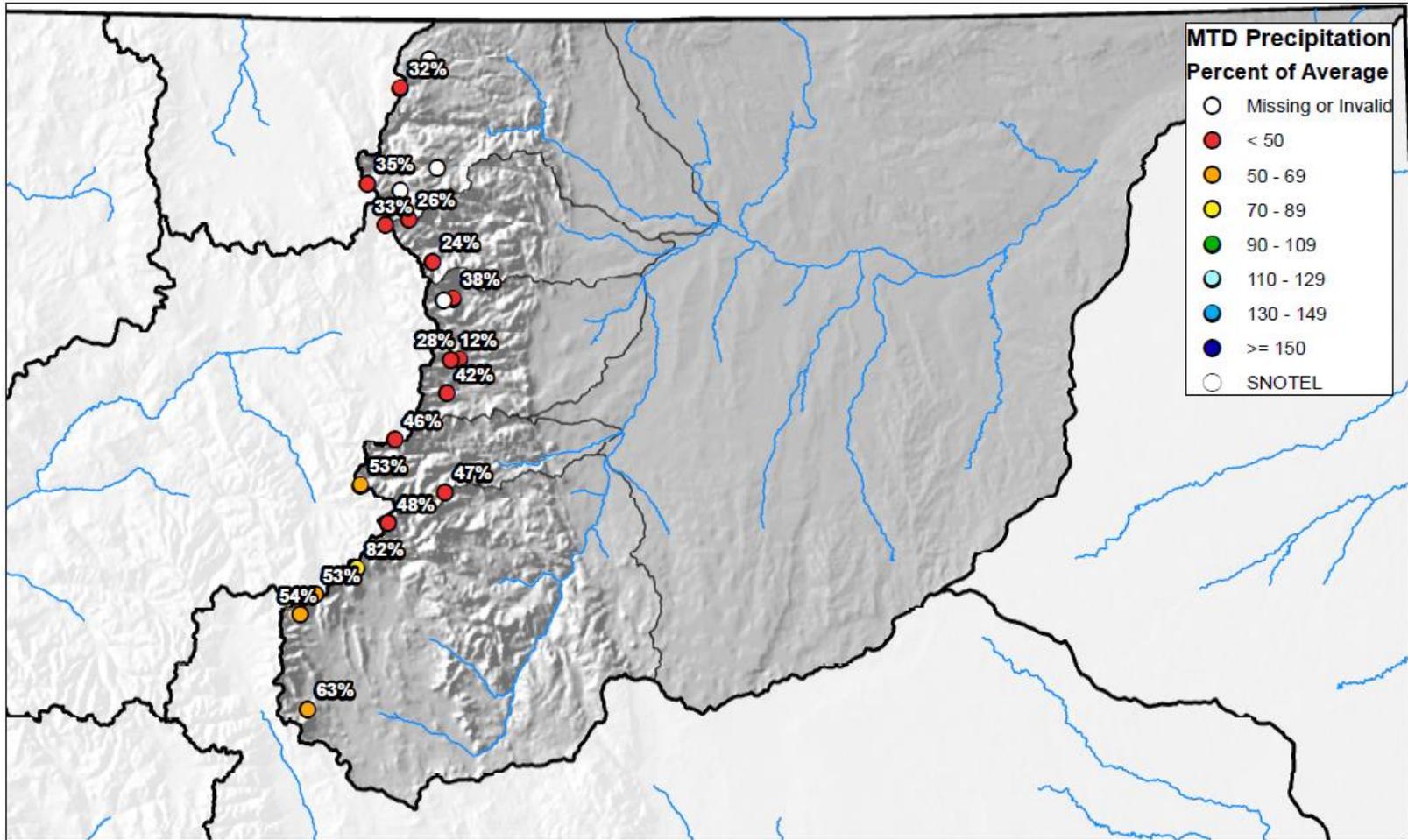
Based on Provisional SNOTEL data as of Nov 25, 2019

USDA
United States Department of Agriculture
Natural Resources Conservation Service



South Platte River Basin Month to Date Precipitation Summary

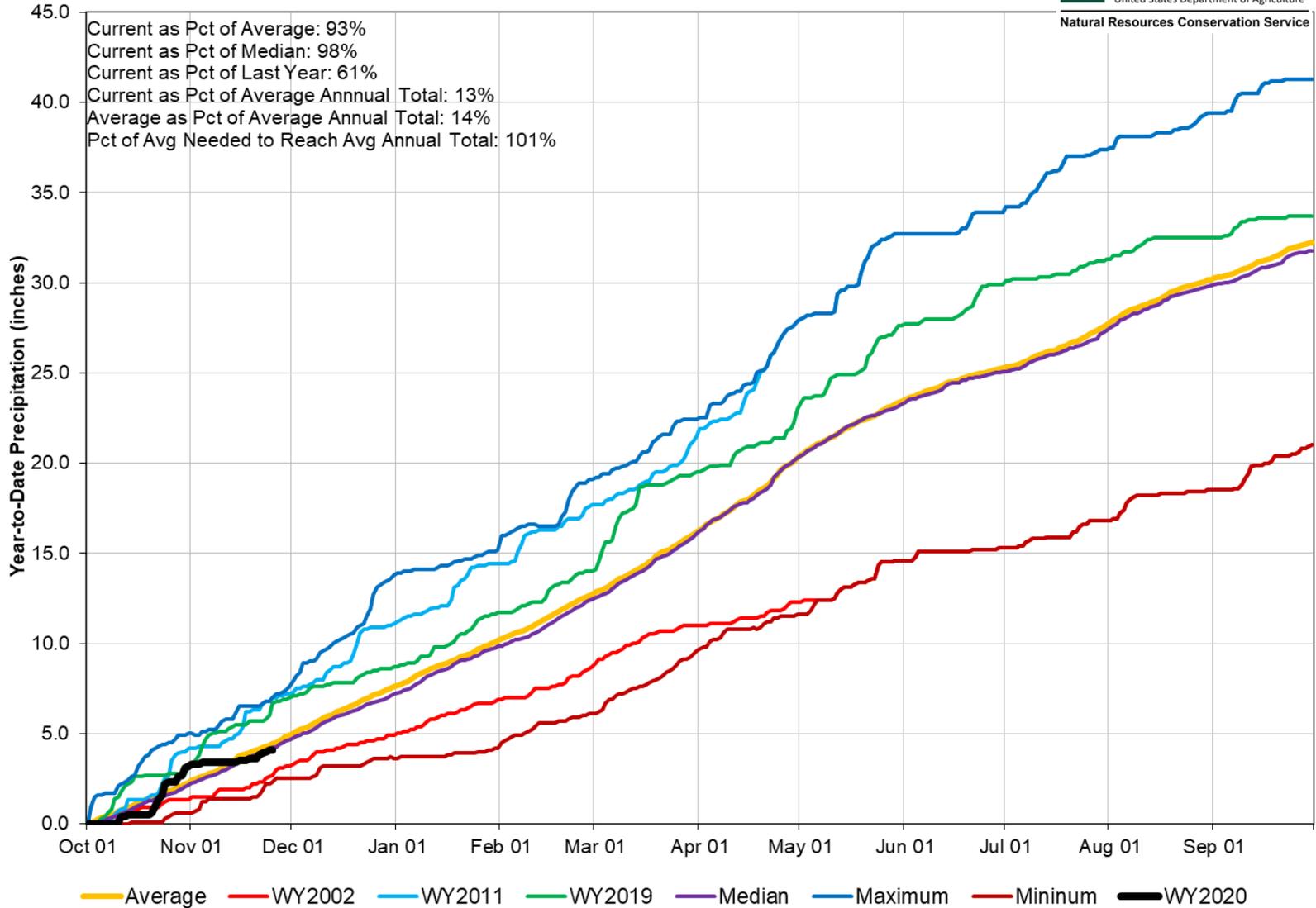
Current as of Nov 25, 2019

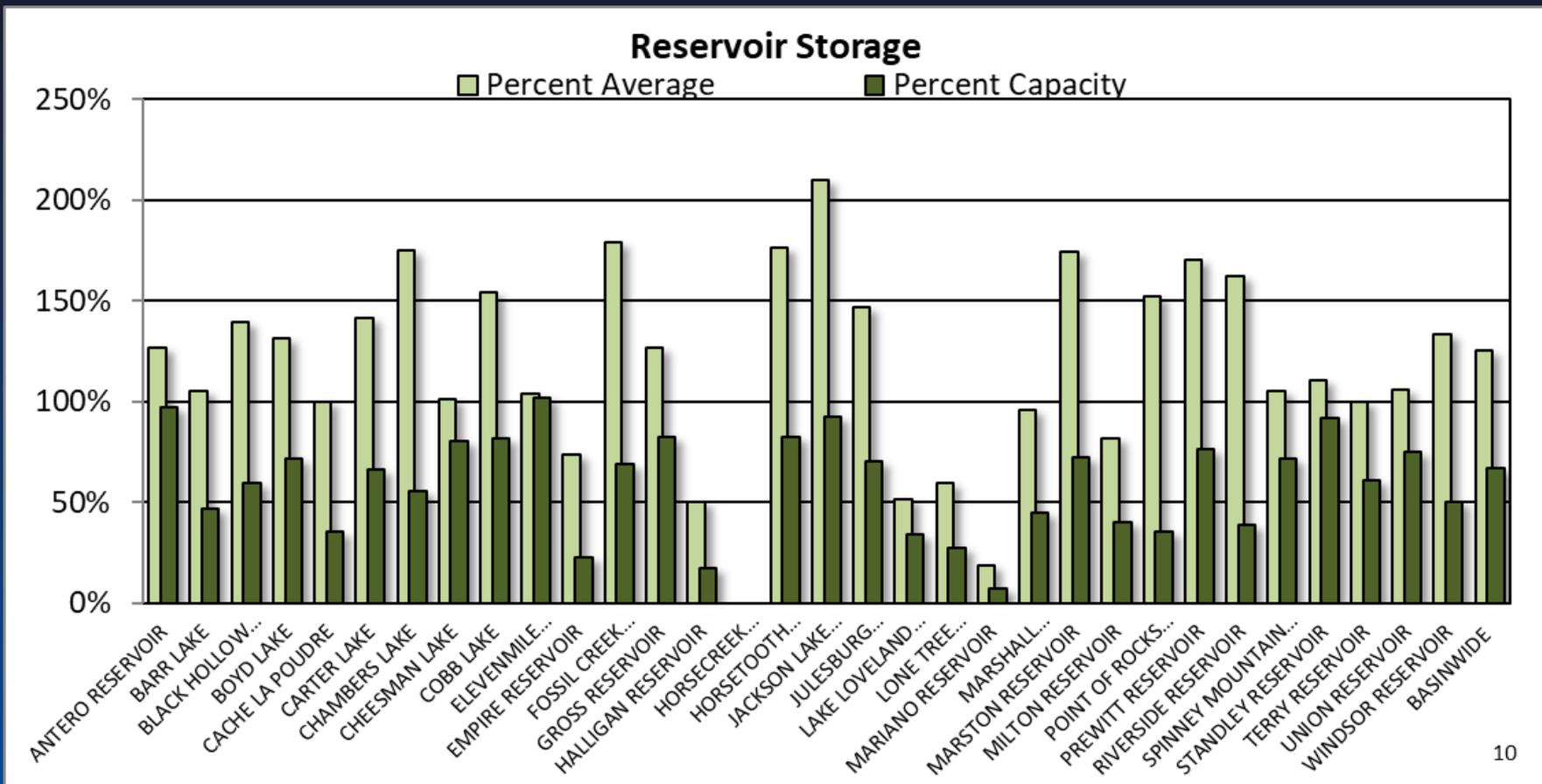


South Platte River Basin High/Low Year-to-Date Precipitation Summary

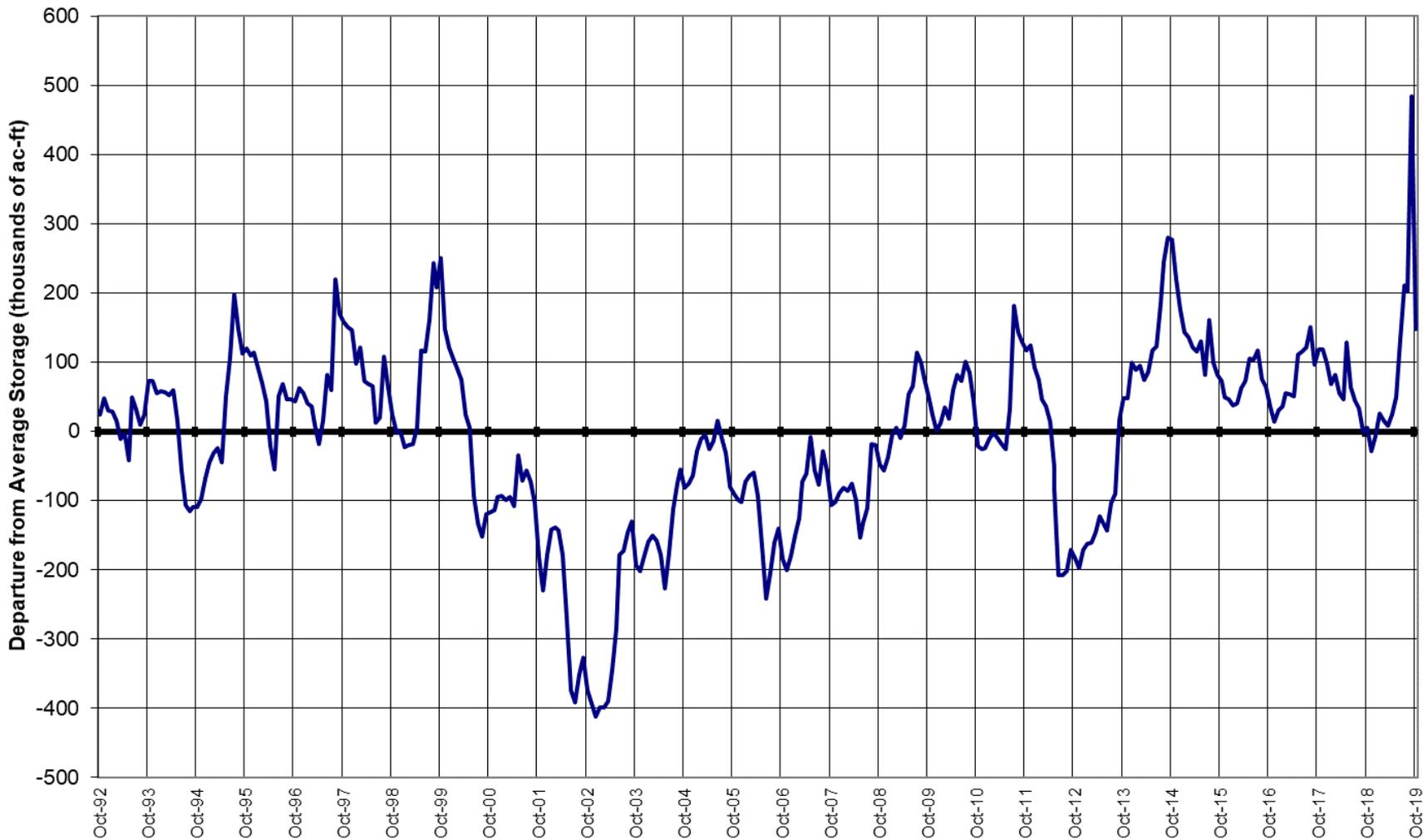
Based on Provisional SNOTEL data as of Nov 25, 2019

USDA
United States Department of Agriculture
Natural Resources Conservation Service



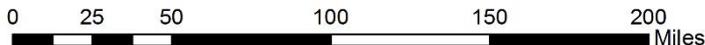
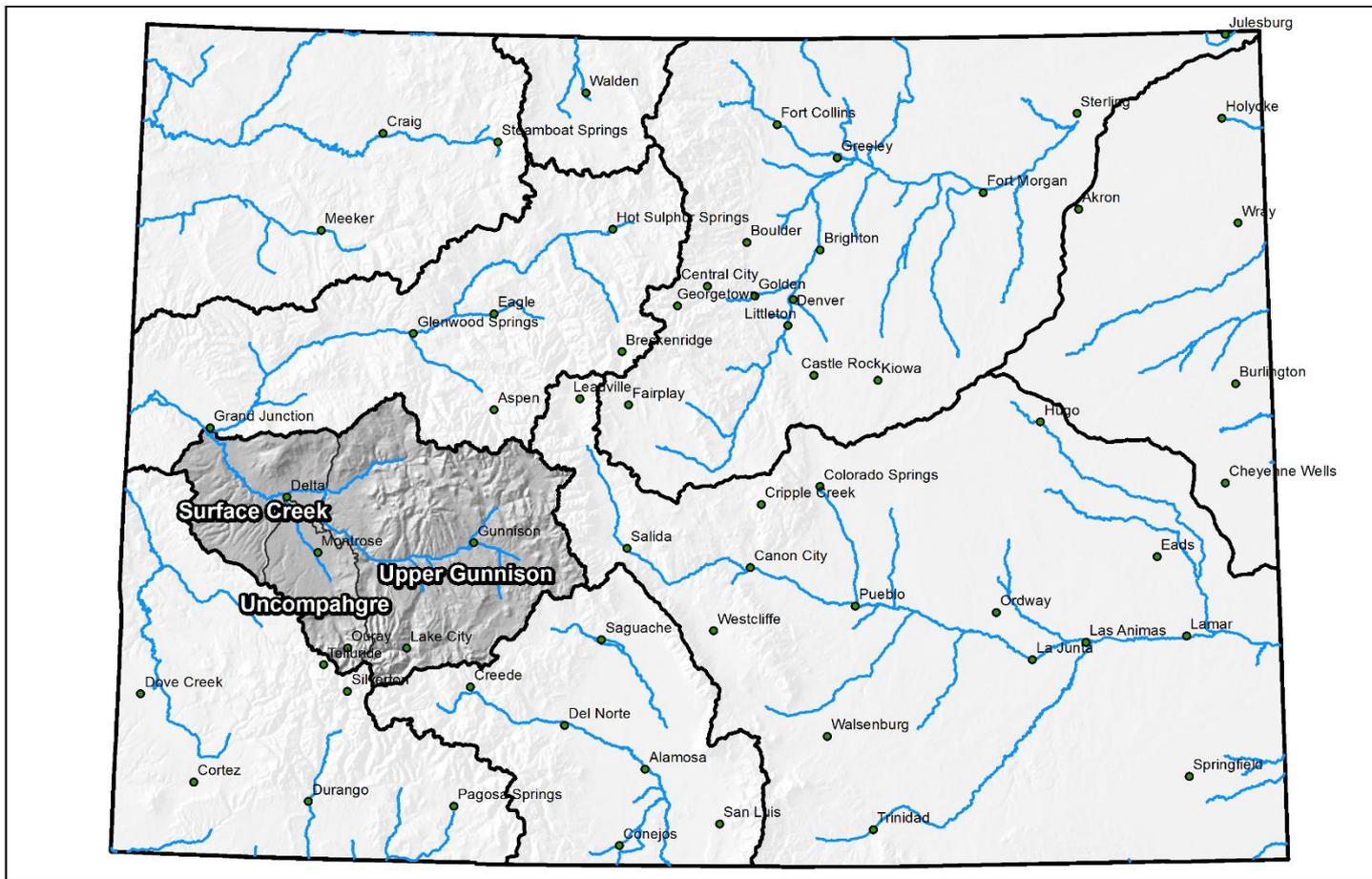


SOUTH PLATTE RIVER BASIN Reservoir Storage Departure from Average



Major Basin Summary

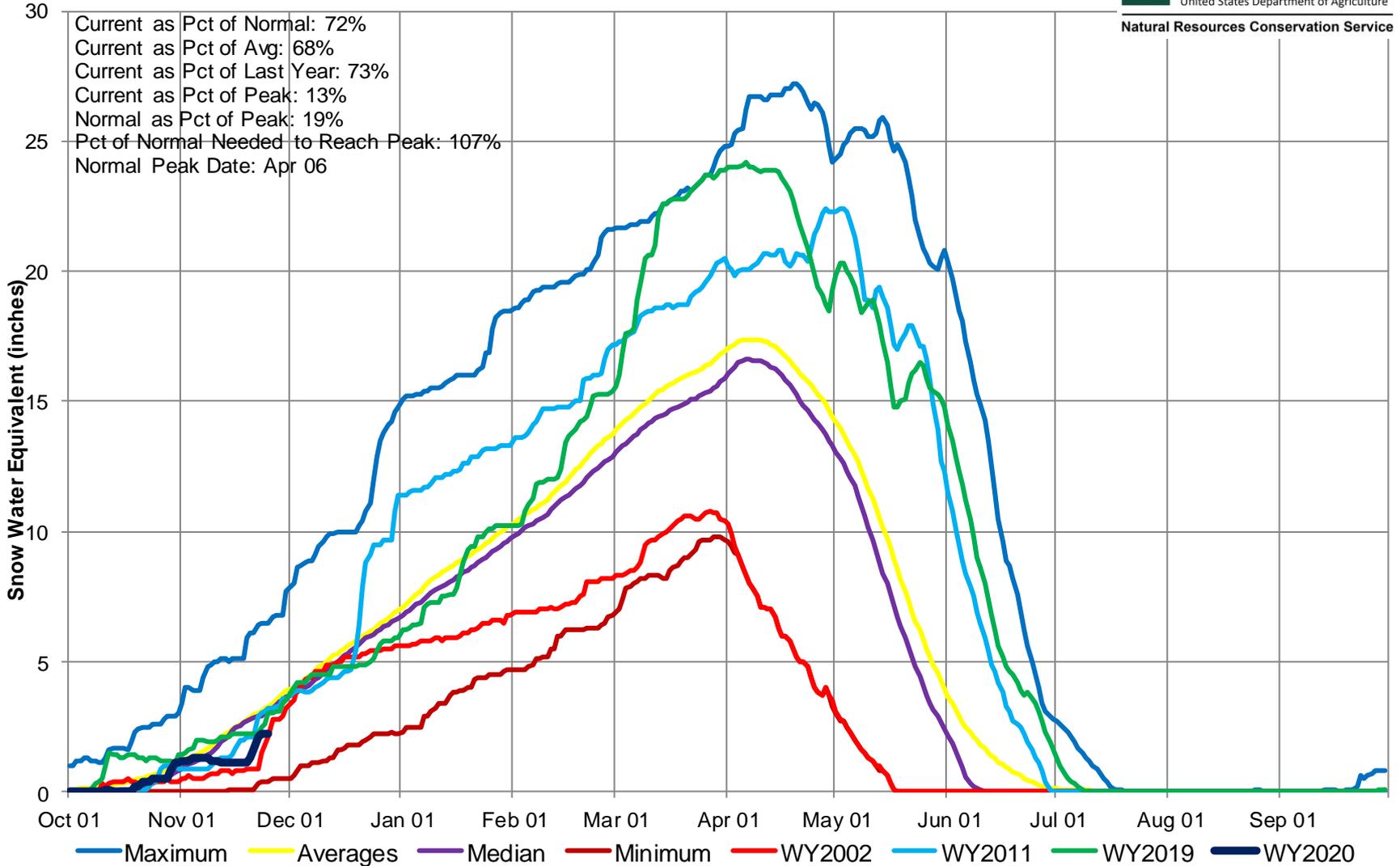
Gunnison River Basin





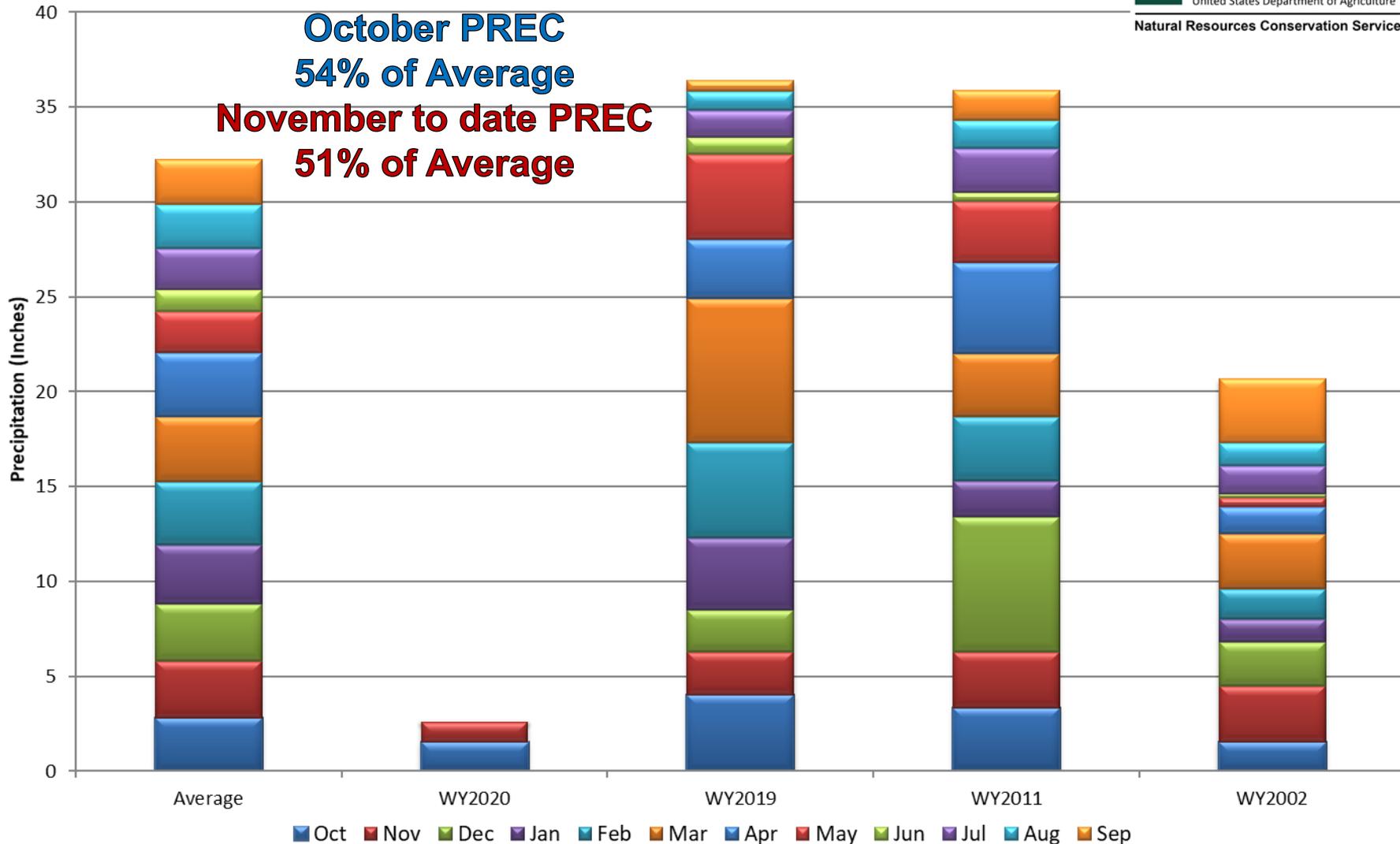
Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 25, 2019

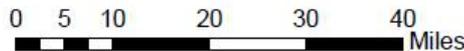
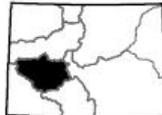
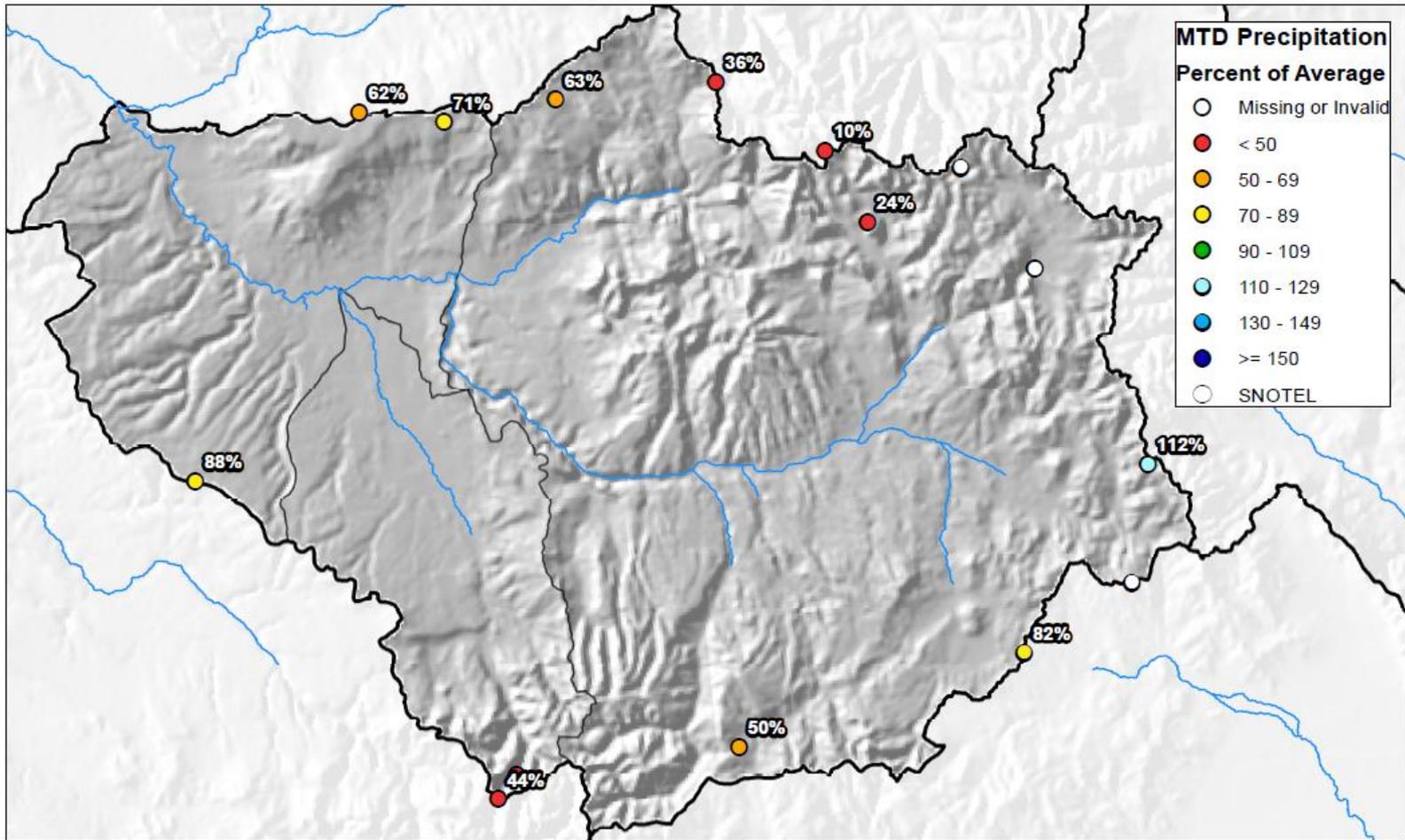


Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019

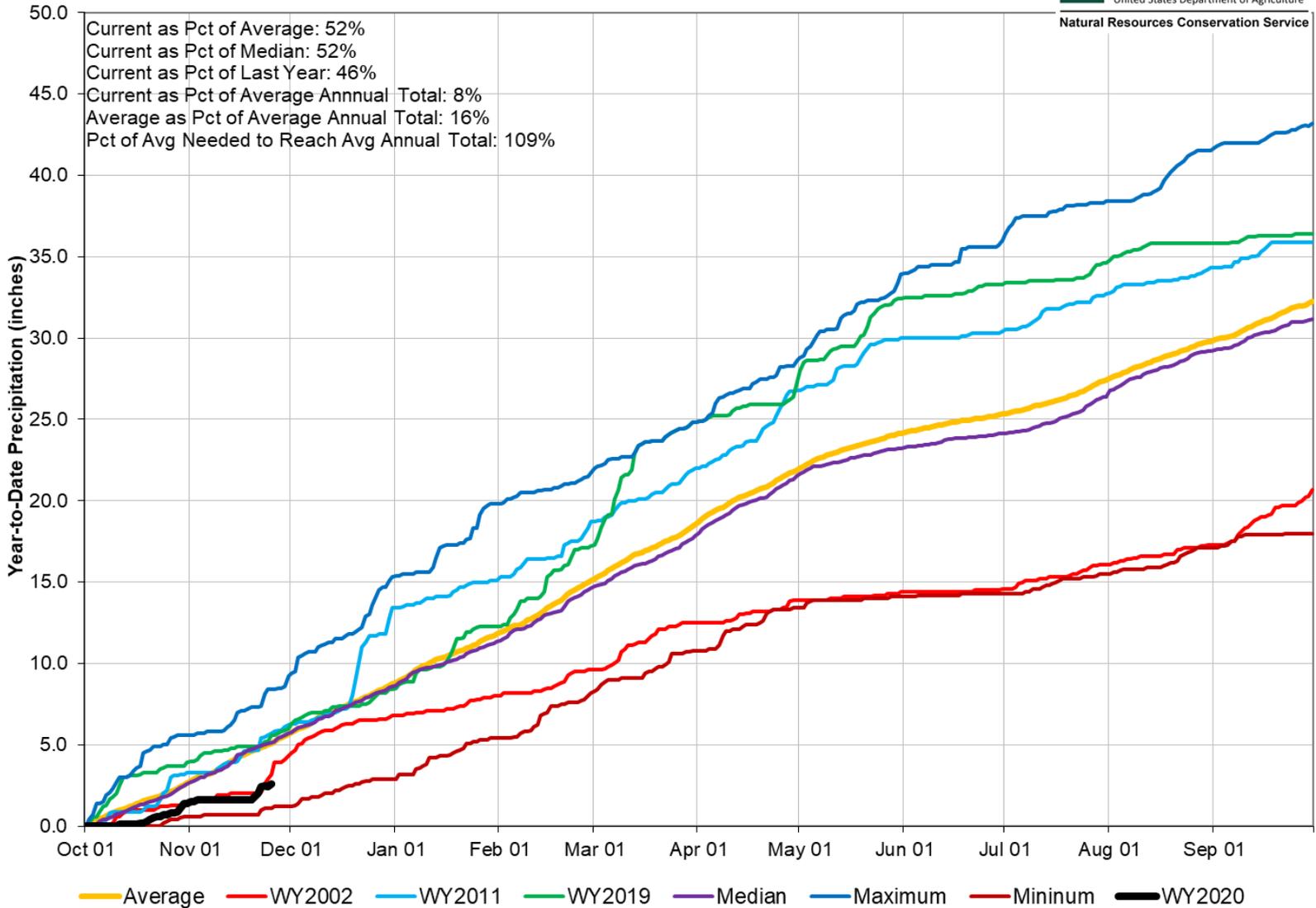


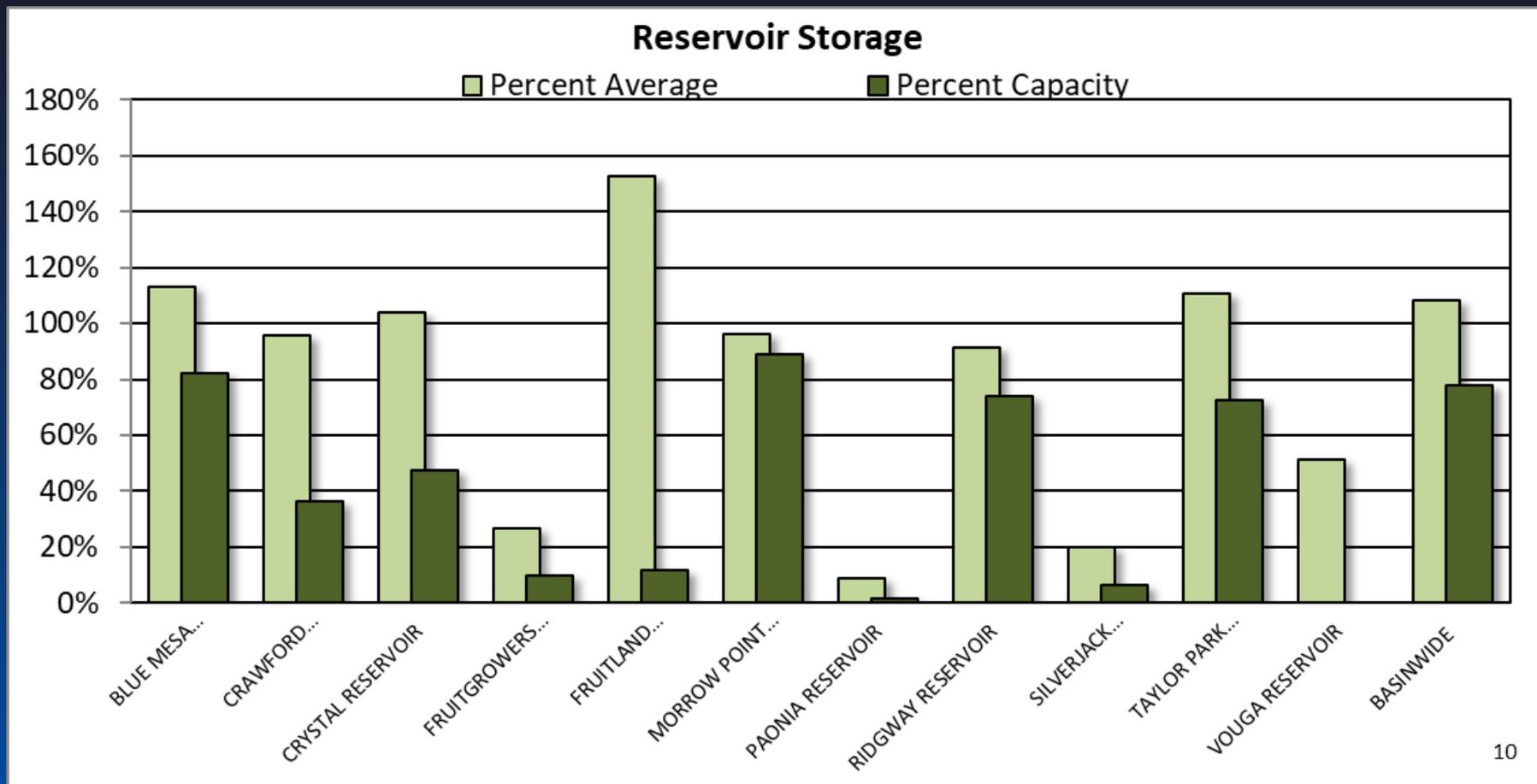
Gunnison River Basin Month to Date Precipitation Summary Current as of Nov 25, 2019



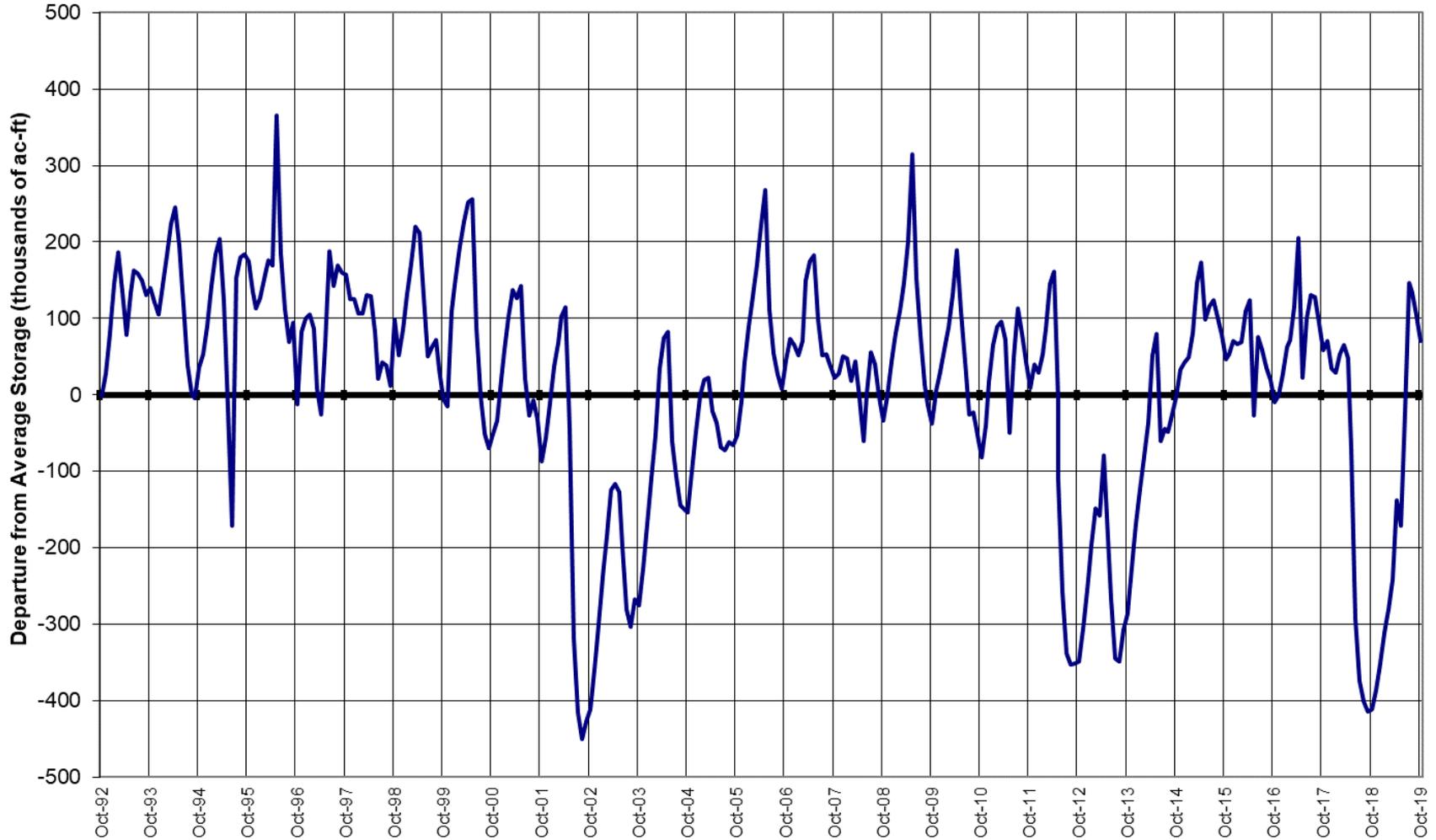
Gunnison River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



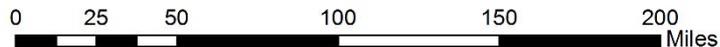
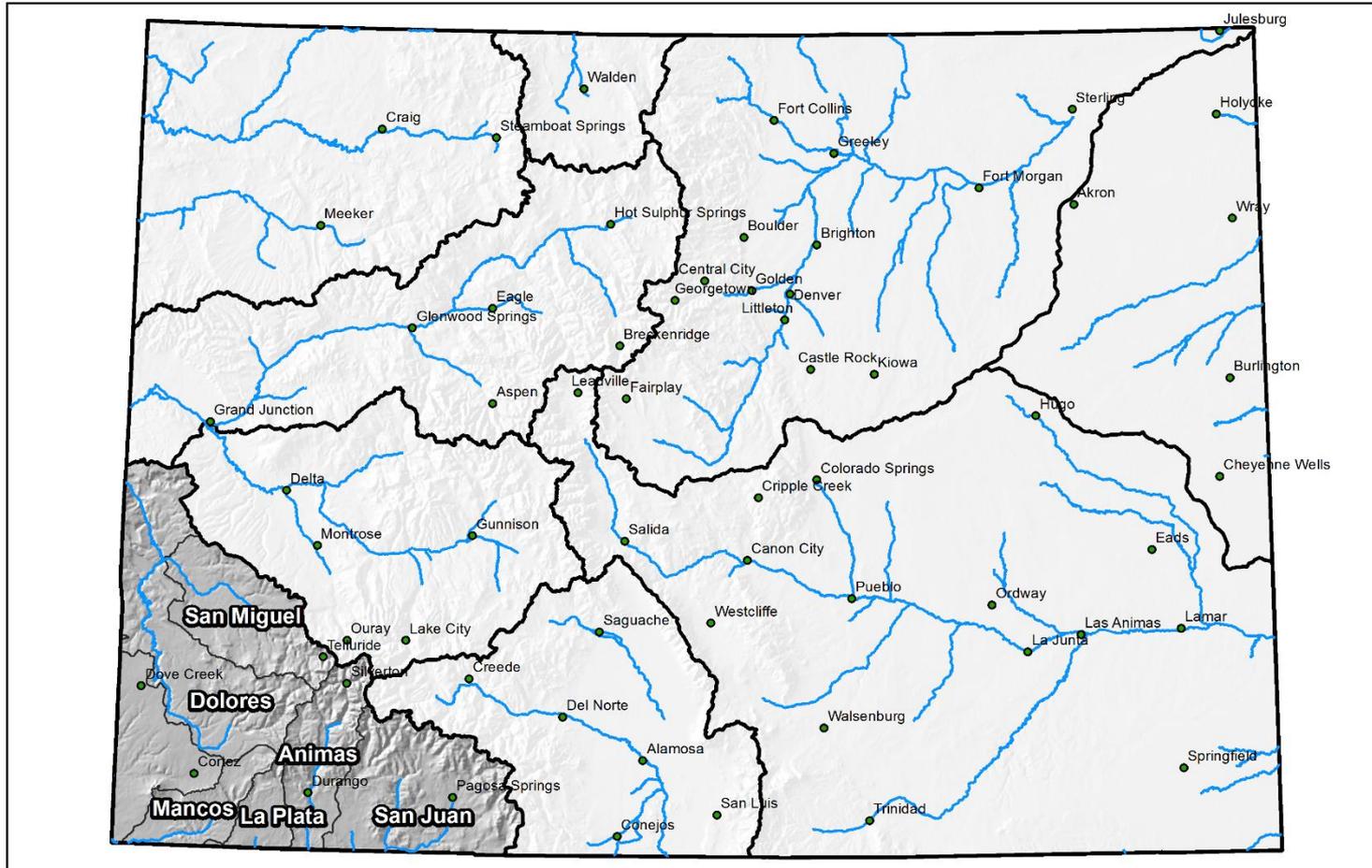


GUNNISON RIVER BASIN
Reservoir Storage
Departure from Average



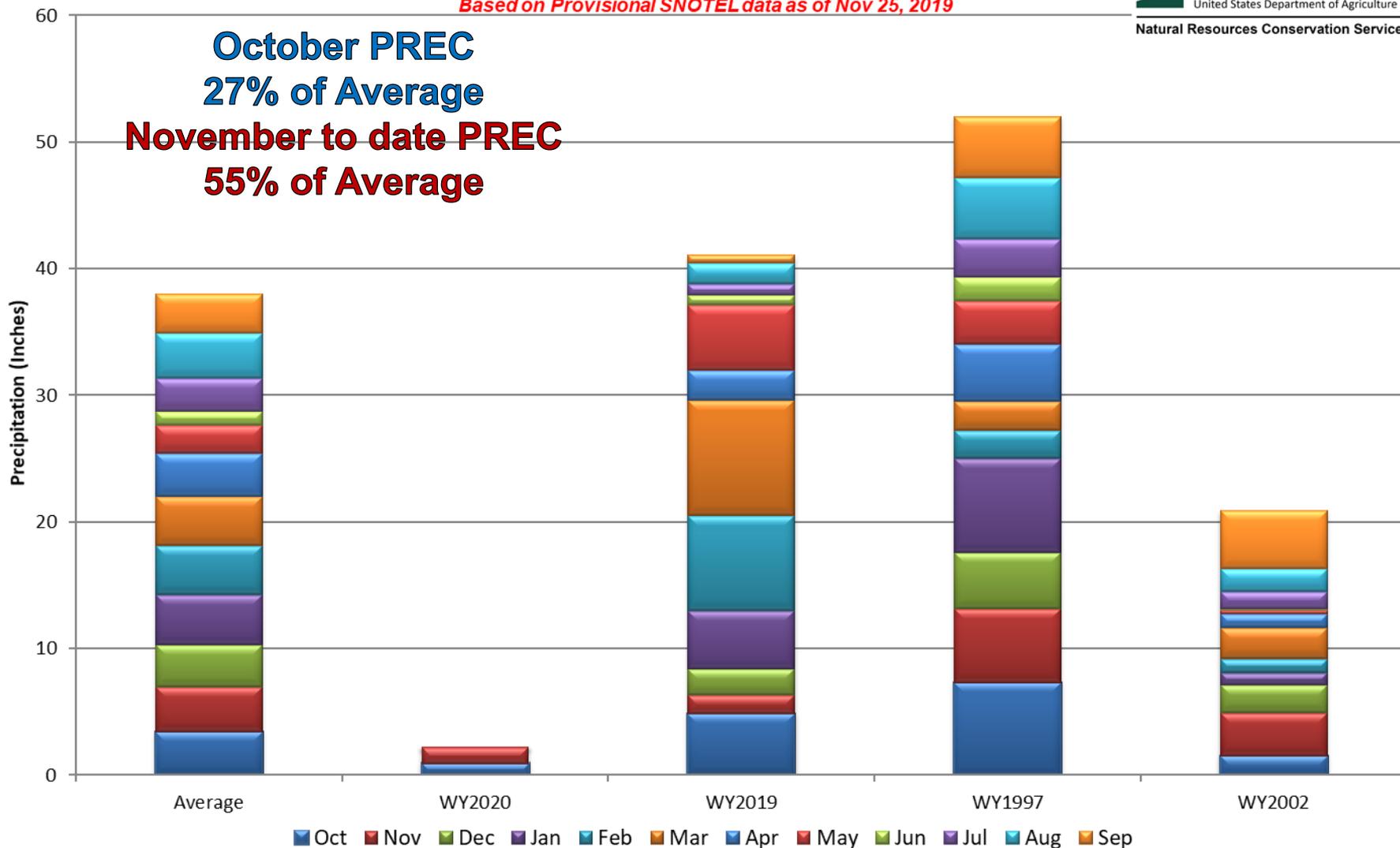
Major Basin Summary

San Miguel, Dolores, Animas, and San Juan River Basins



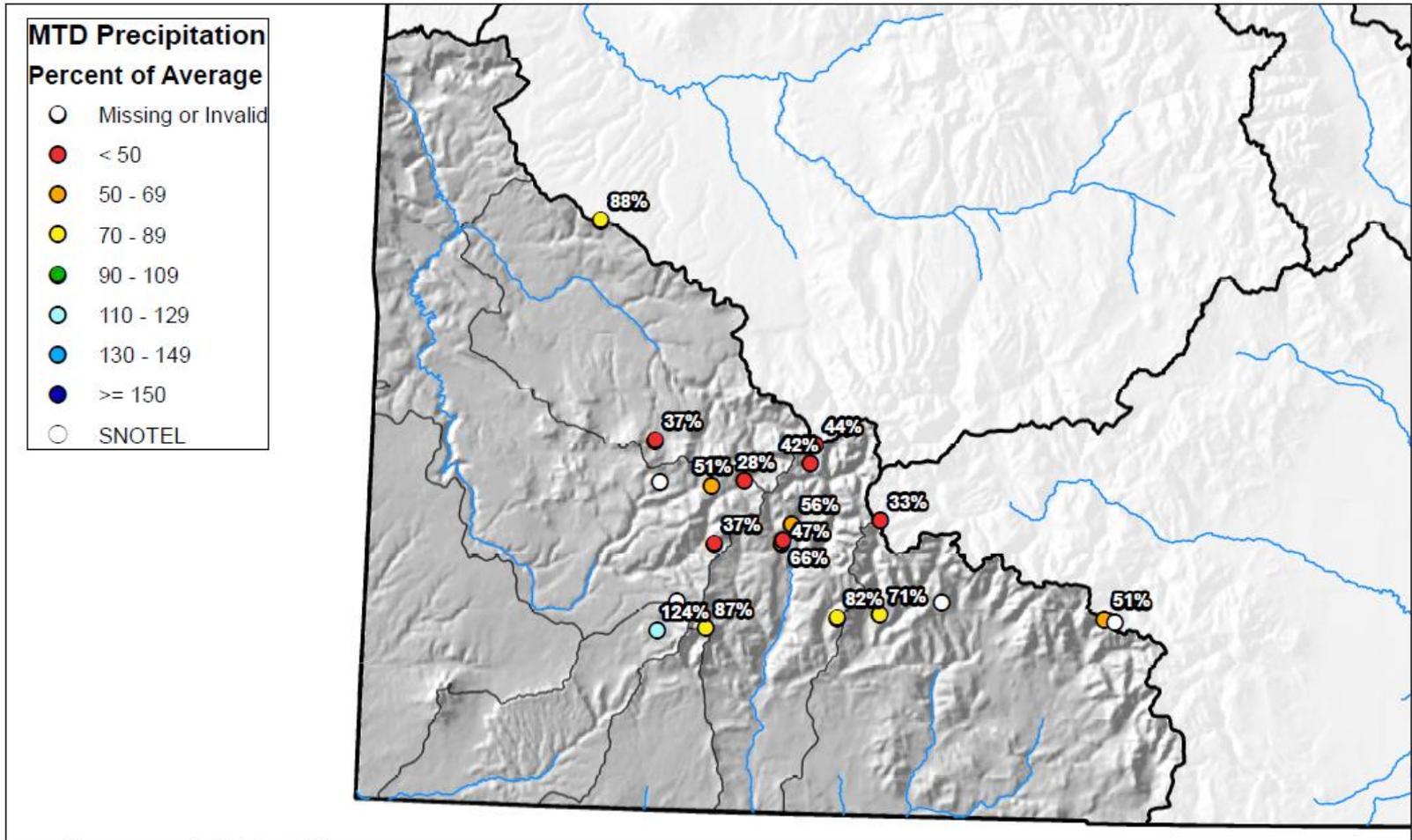
San Miguel, Dolores, Animas and San Juan River Basins High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



San Miguel, Dolores, Animas, and San Juan River Basins Month to Date Precipitation Summary

Current as of Nov 25, 2019



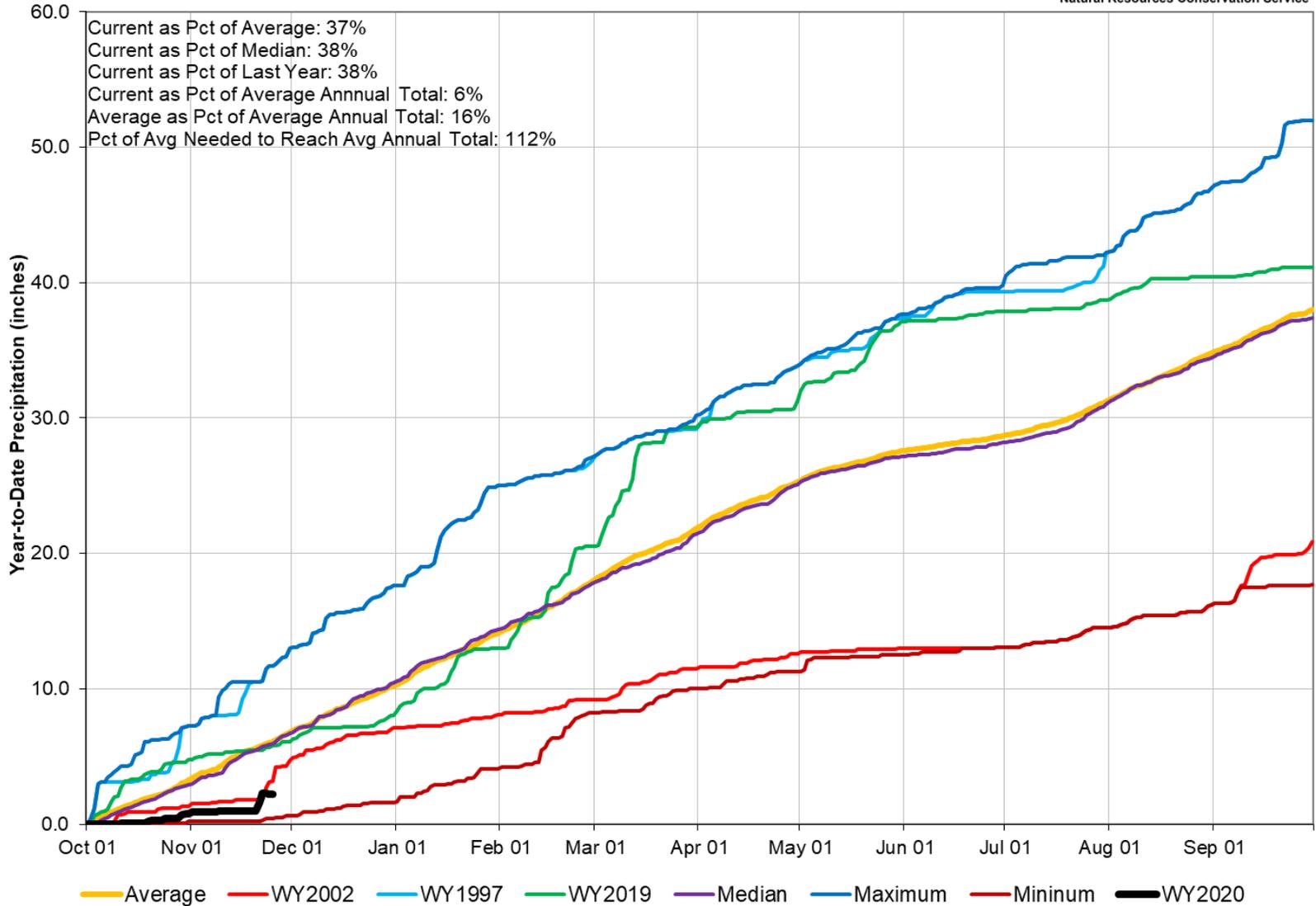
San Miguel, Dolores, Animas and San Juan River Basins High/Low Year-to-Date Precipitation Summary

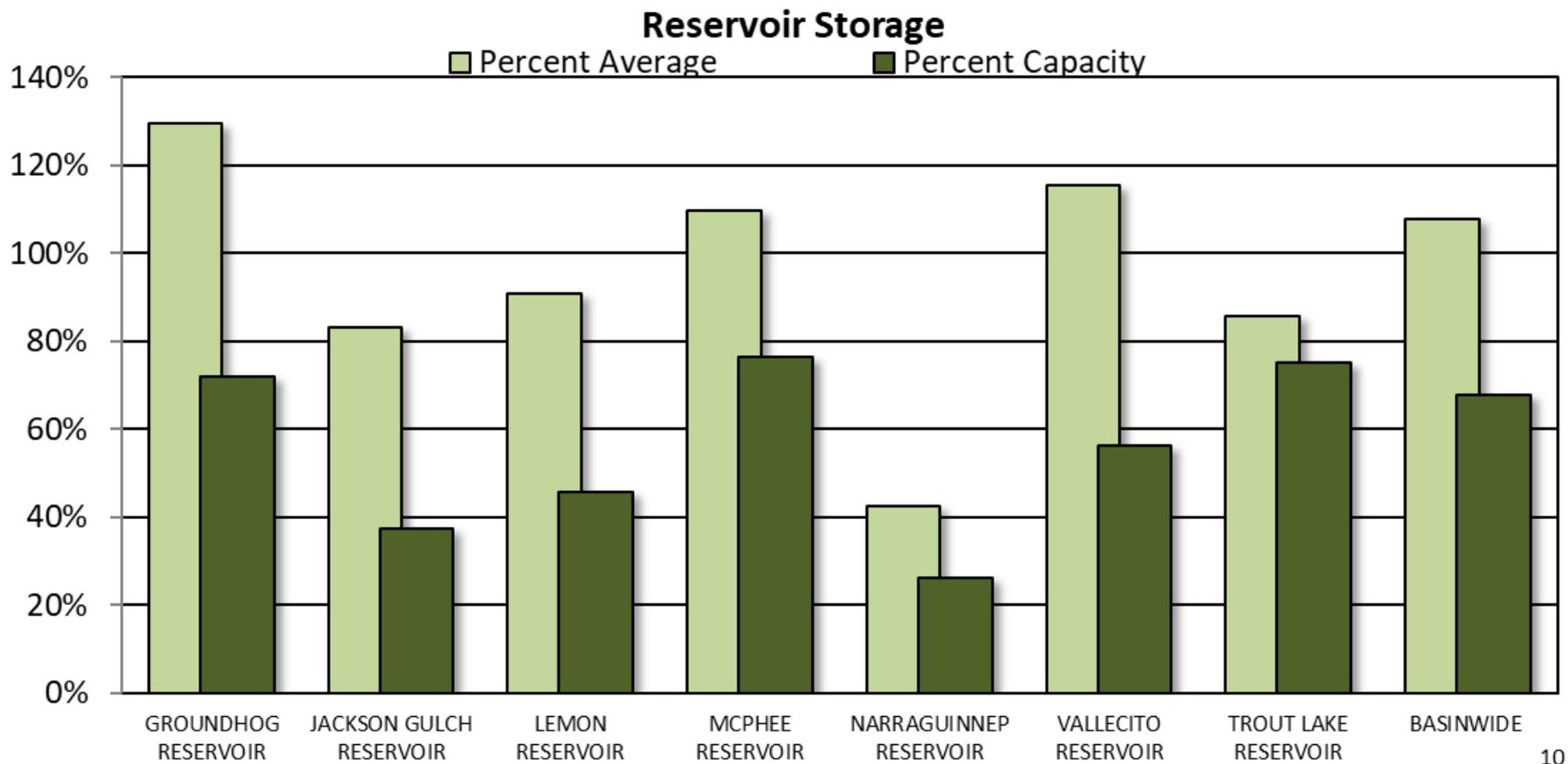
Based on Provisional SNOTEL data as of Nov 25, 2019



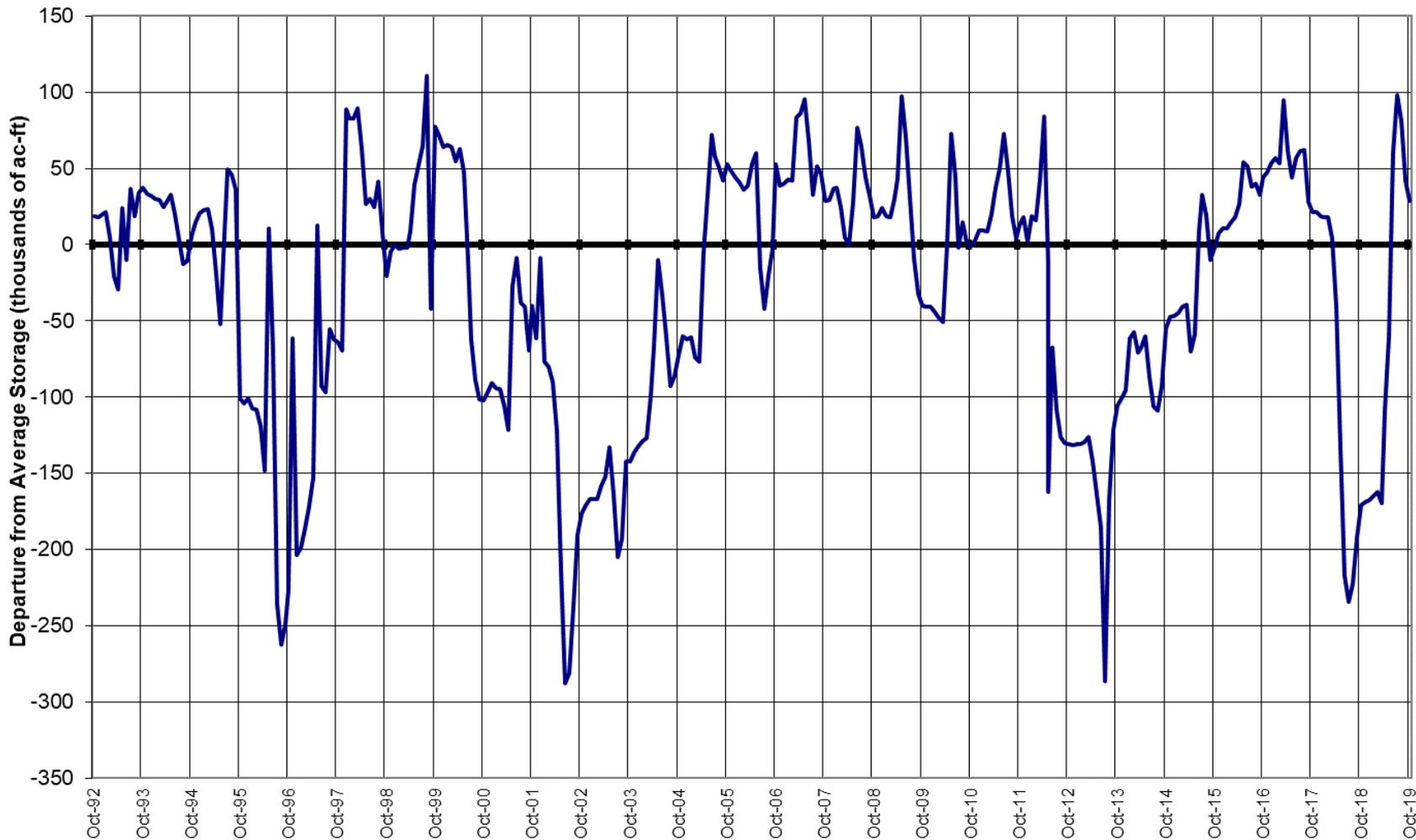
United States Department of Agriculture

Natural Resources Conservation Service



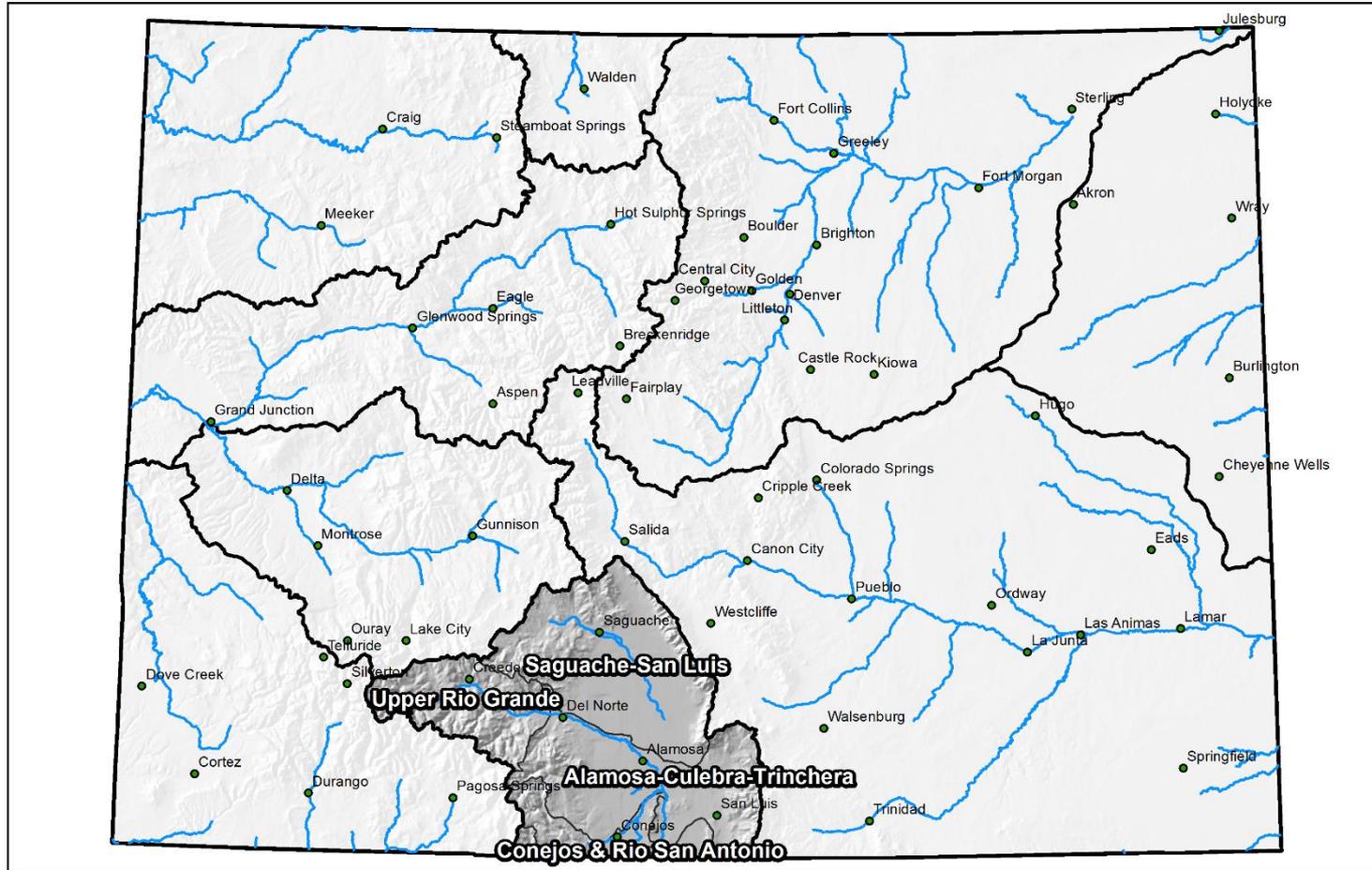


SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS
Reservoir Storage
Departure from Average



Major Basin Summary

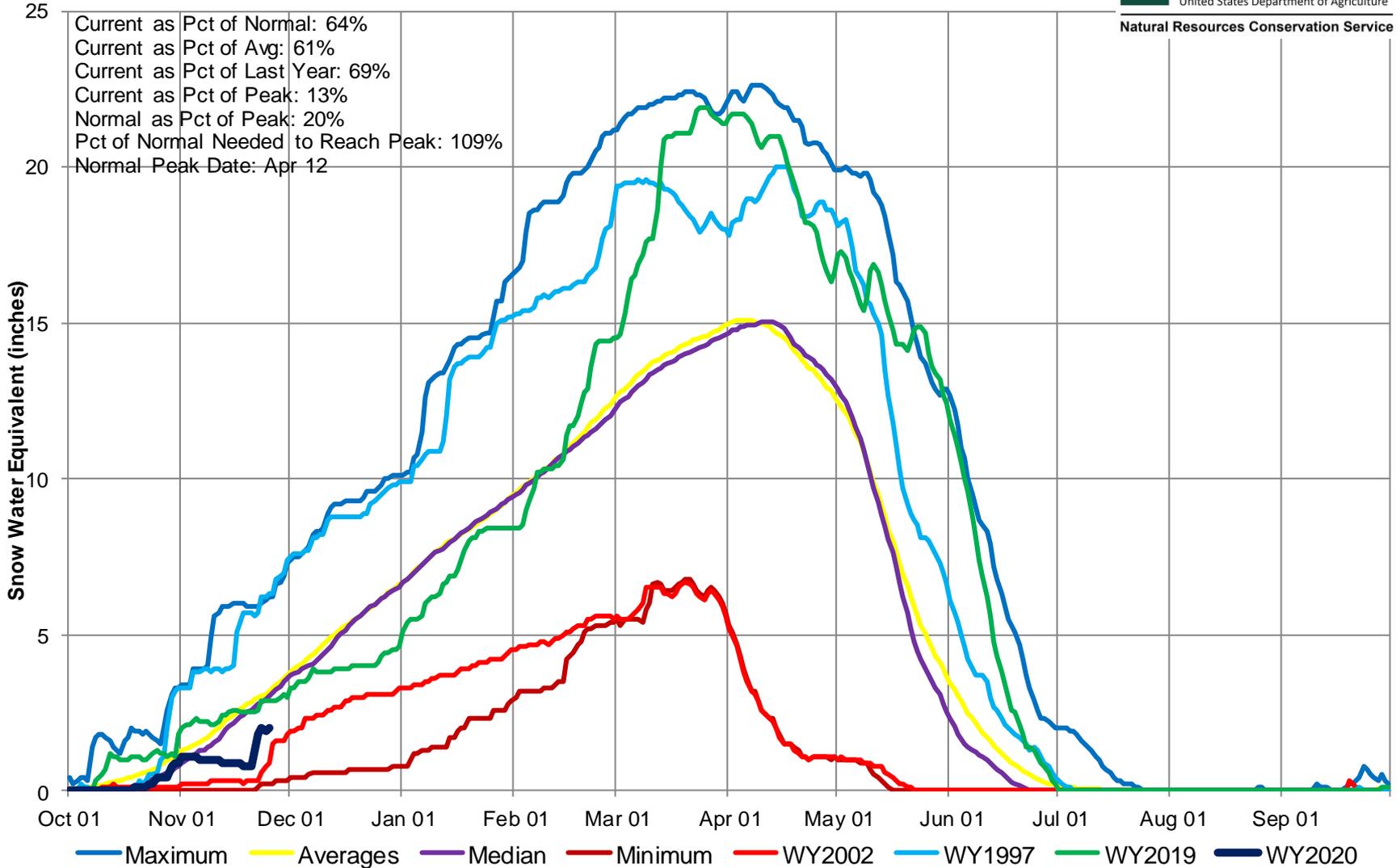
Upper Rio Grande River Basin





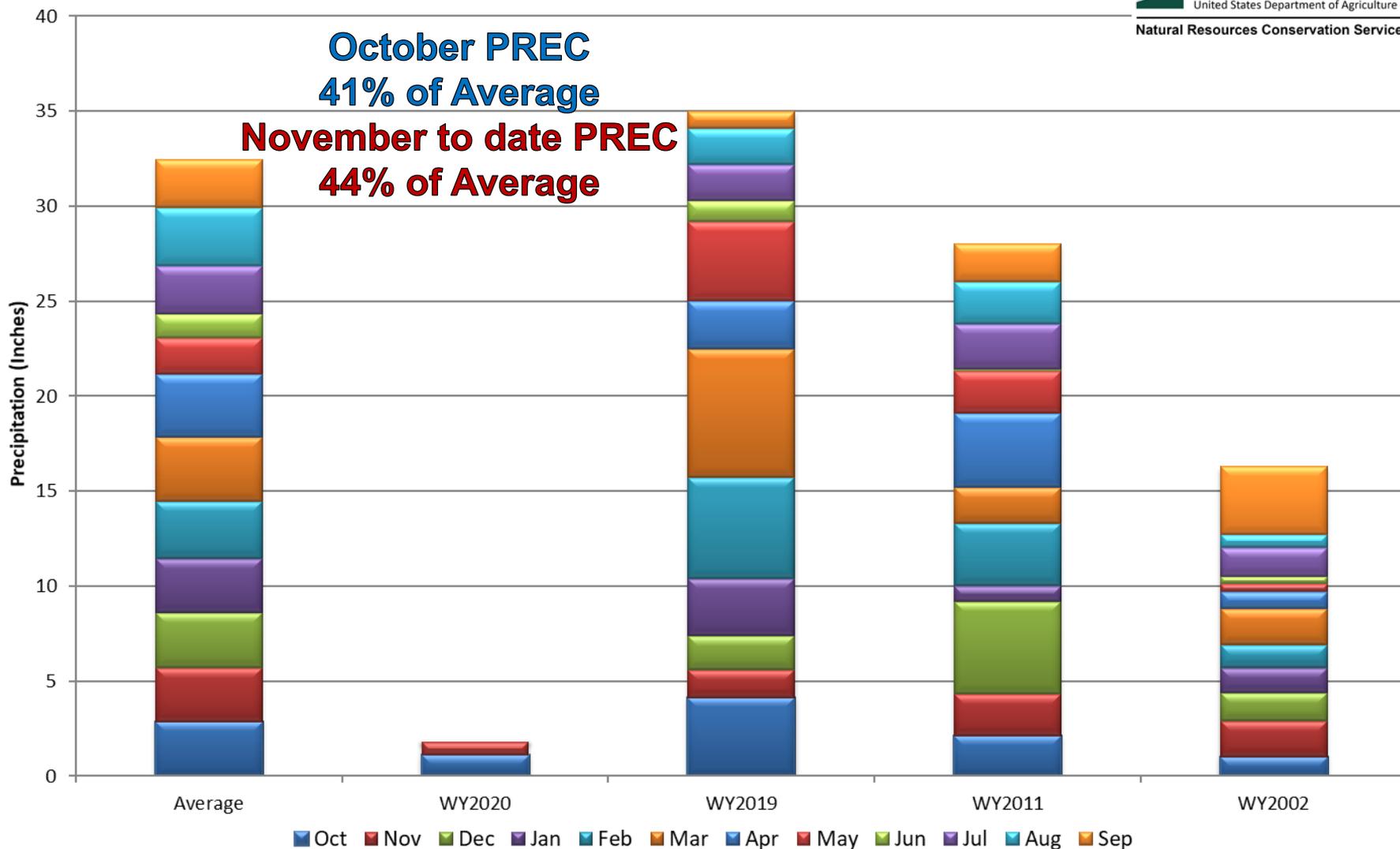
Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



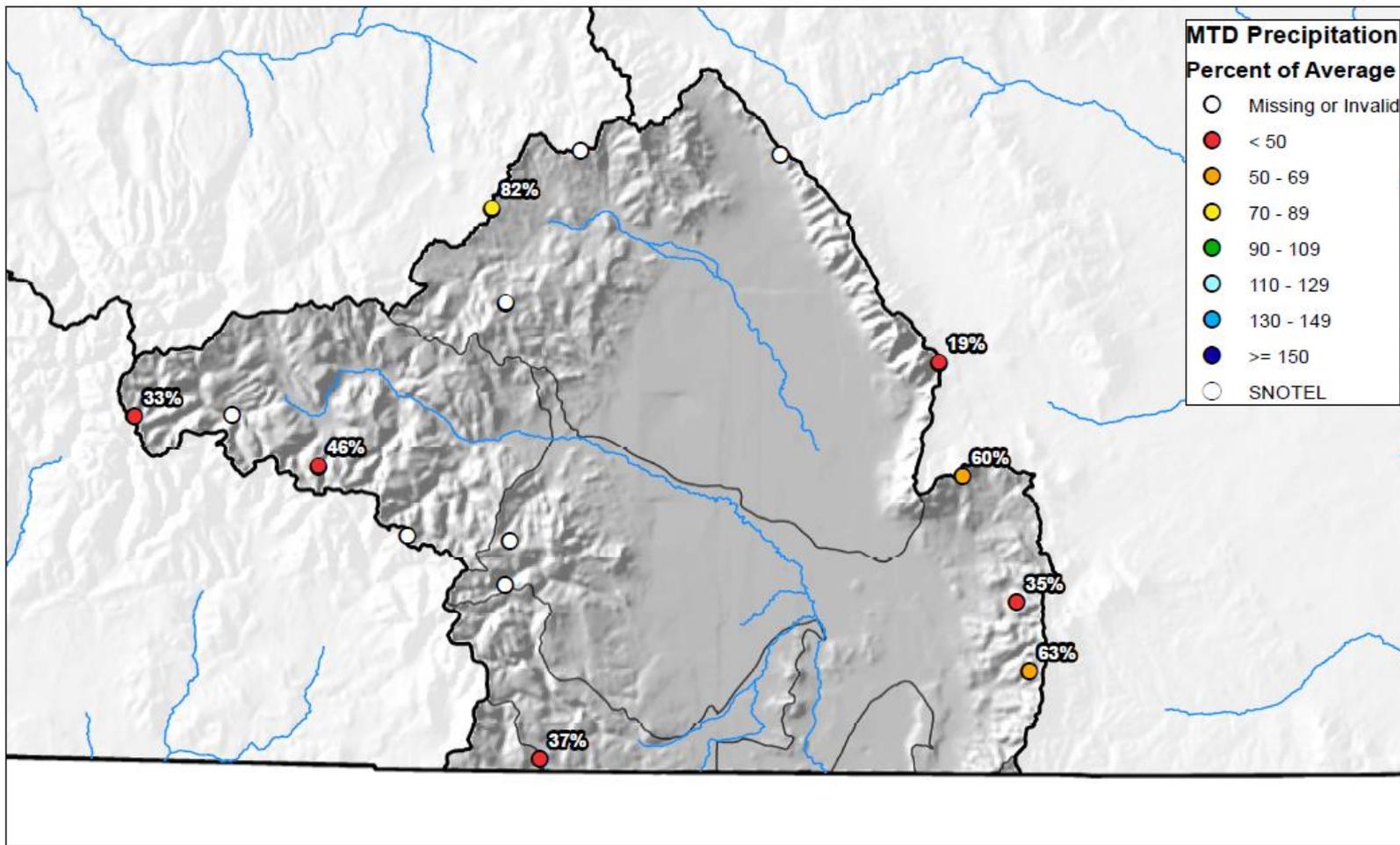
Upper Rio Grande River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



Upper Rio Grande River Basin Month to Date Precipitation Summary

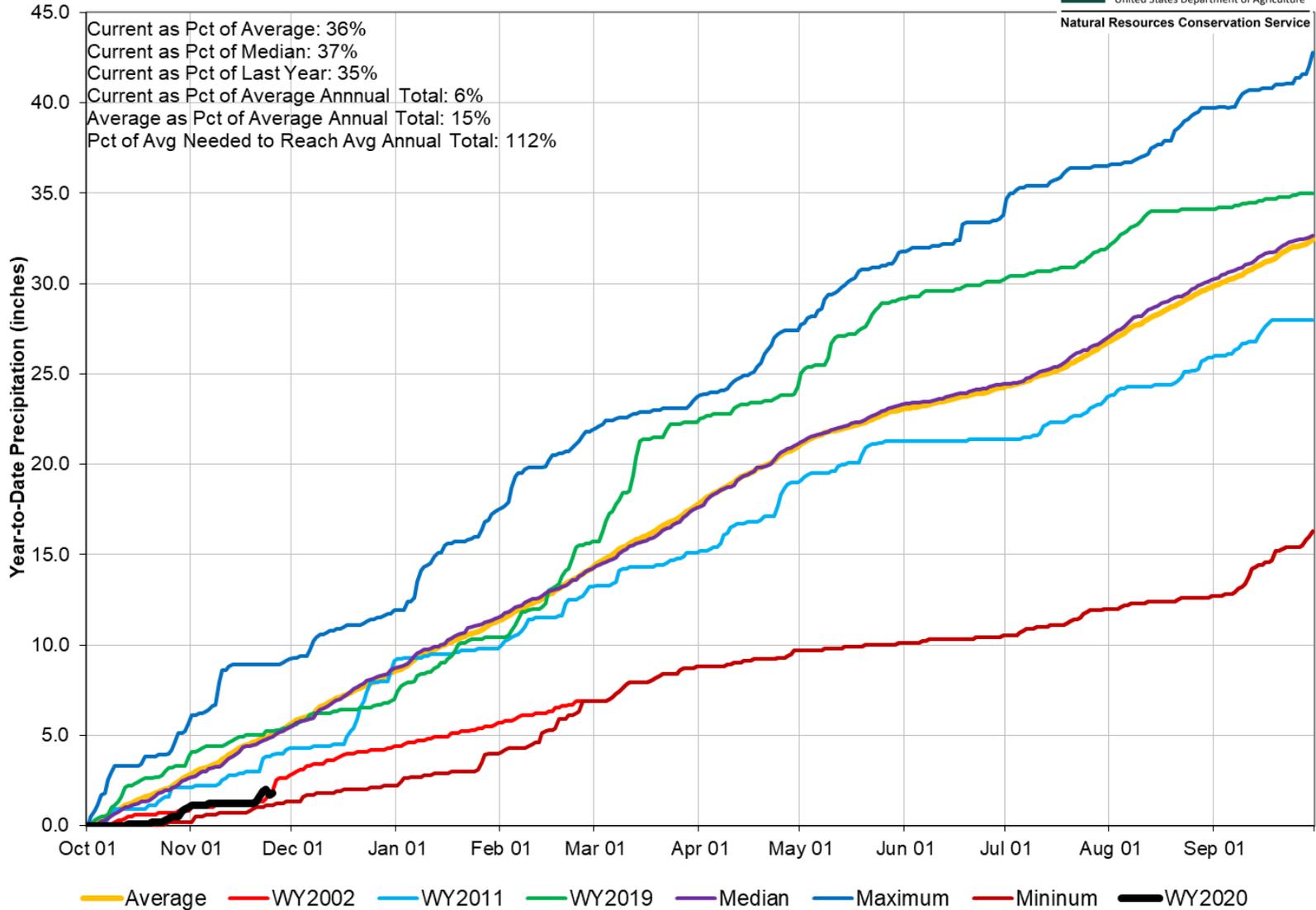
Current as of Nov 25, 2019



Upper Rio Grande River Basin High/Low Year-to-Date Precipitation Summary

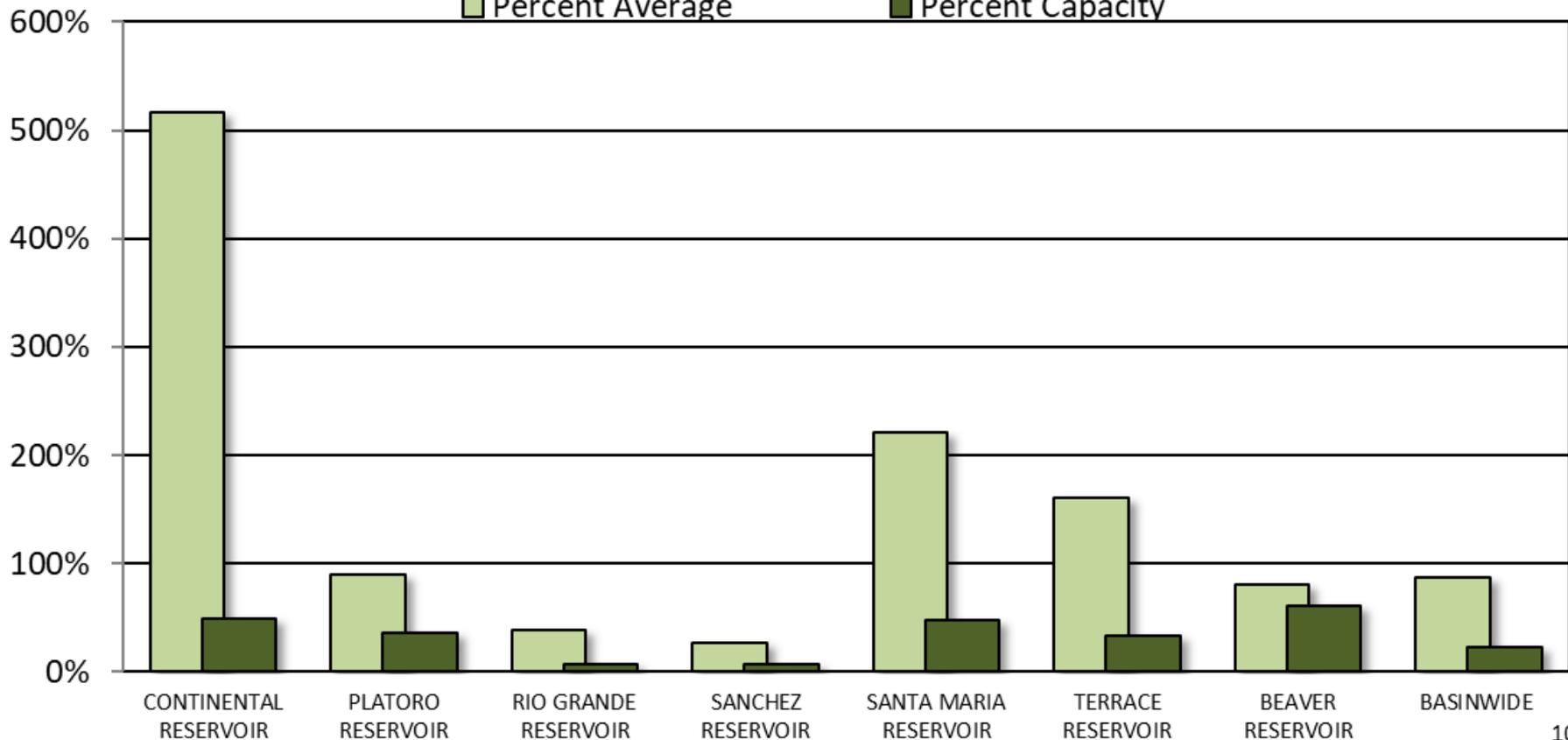
Based on Provisional SNOTEL data as of Nov 25, 2019

USDA
United States Department of Agriculture
Natural Resources Conservation Service

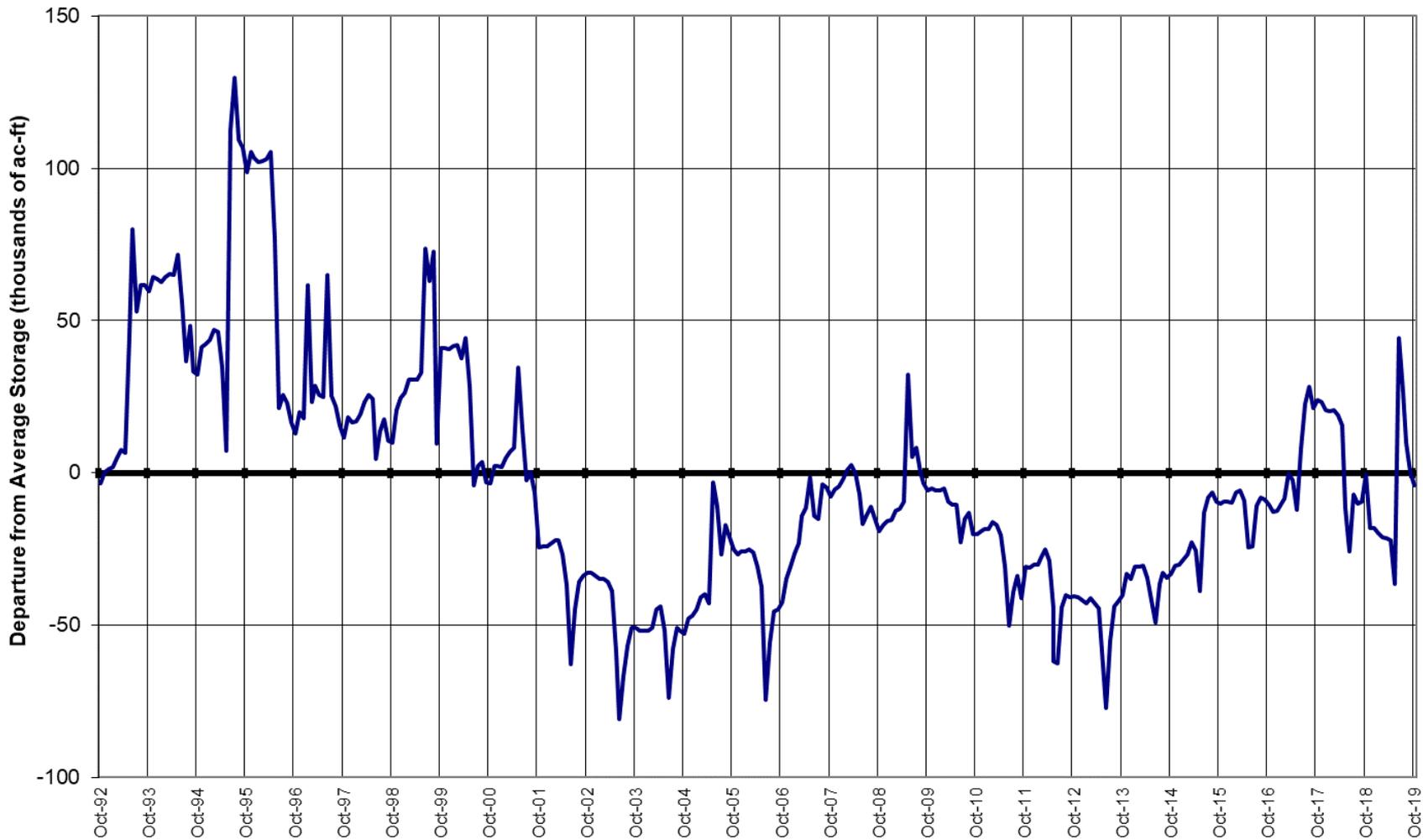


Reservoir Storage

■ Percent Average ■ Percent Capacity

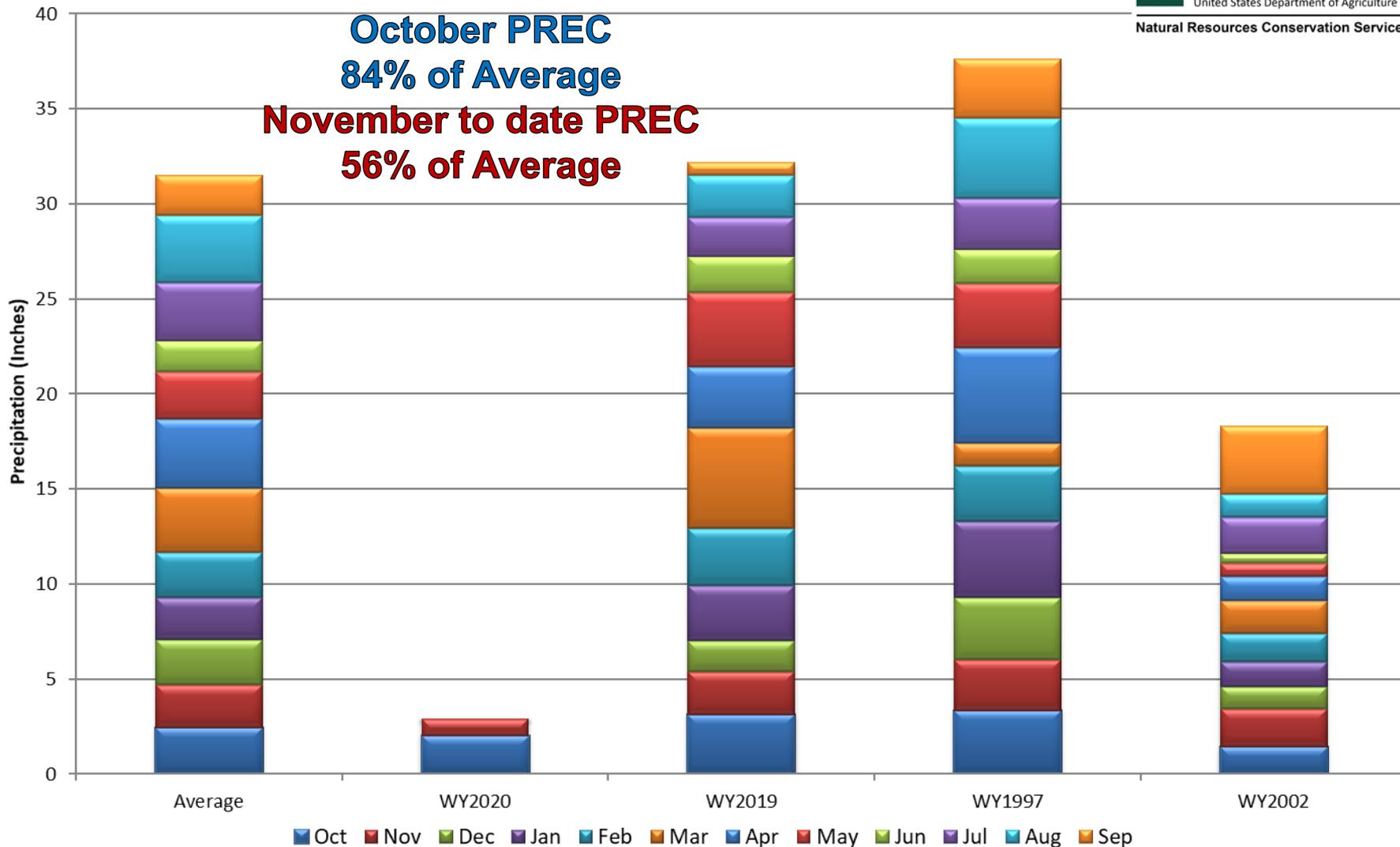


**UPPER RIO GRANDE BASIN
Reservoir Storage
Departure from Average**



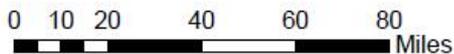
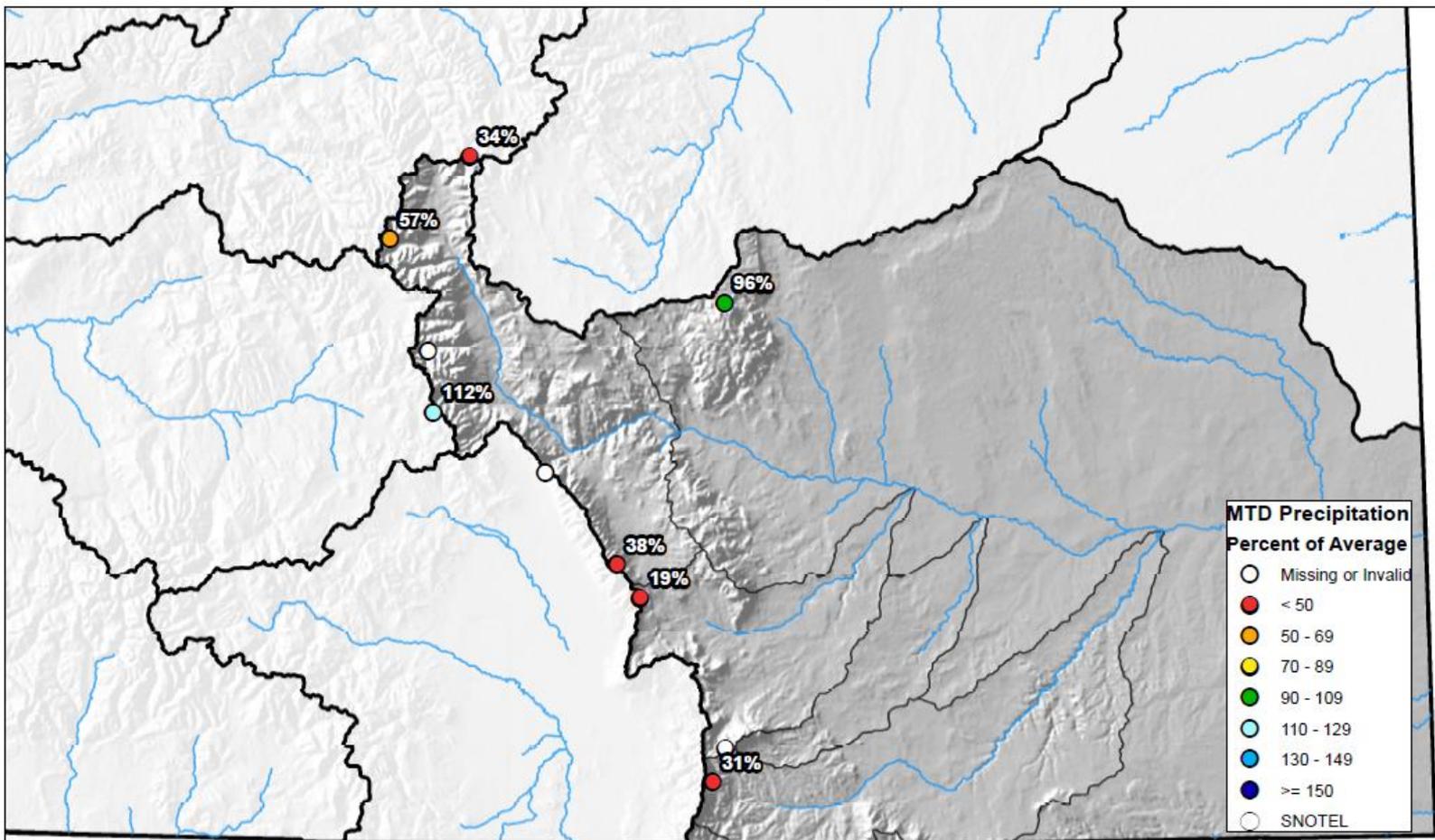
Arkansas River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



Arkansas River Basin Month to Date Precipitation Summary

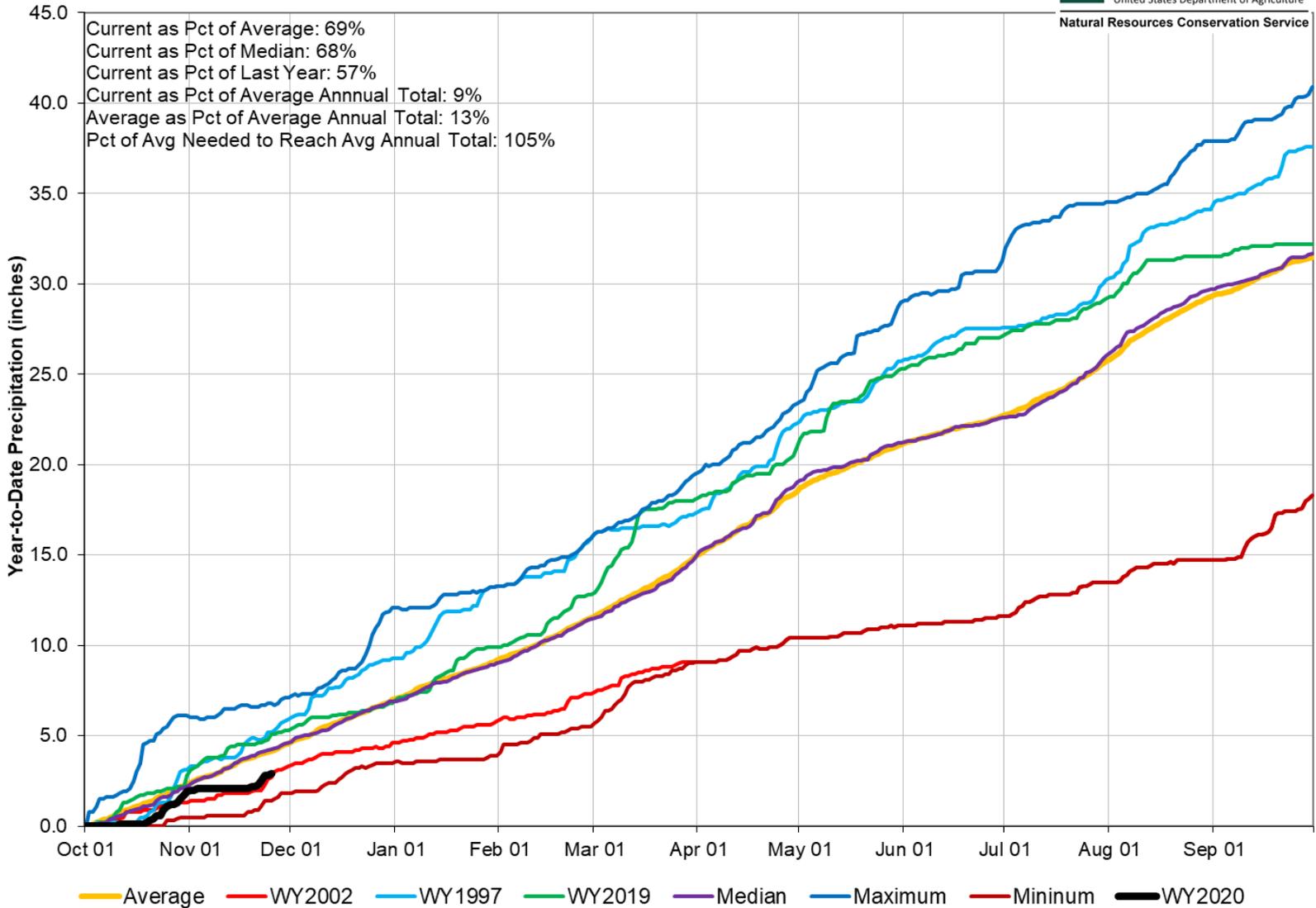
Current as of Nov 25, 2019

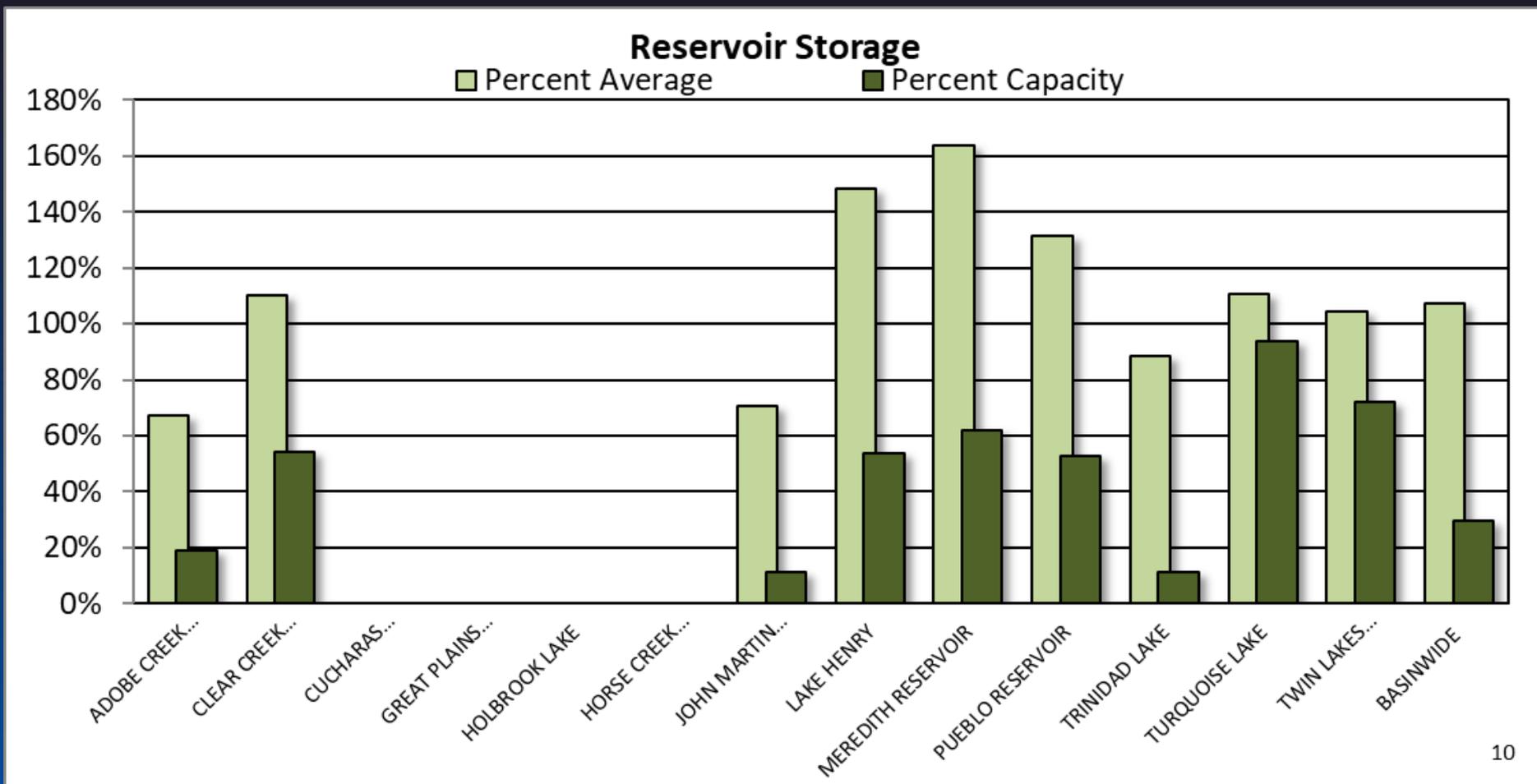


Arkansas River Basin High/Low Year-to-Date Precipitation Summary

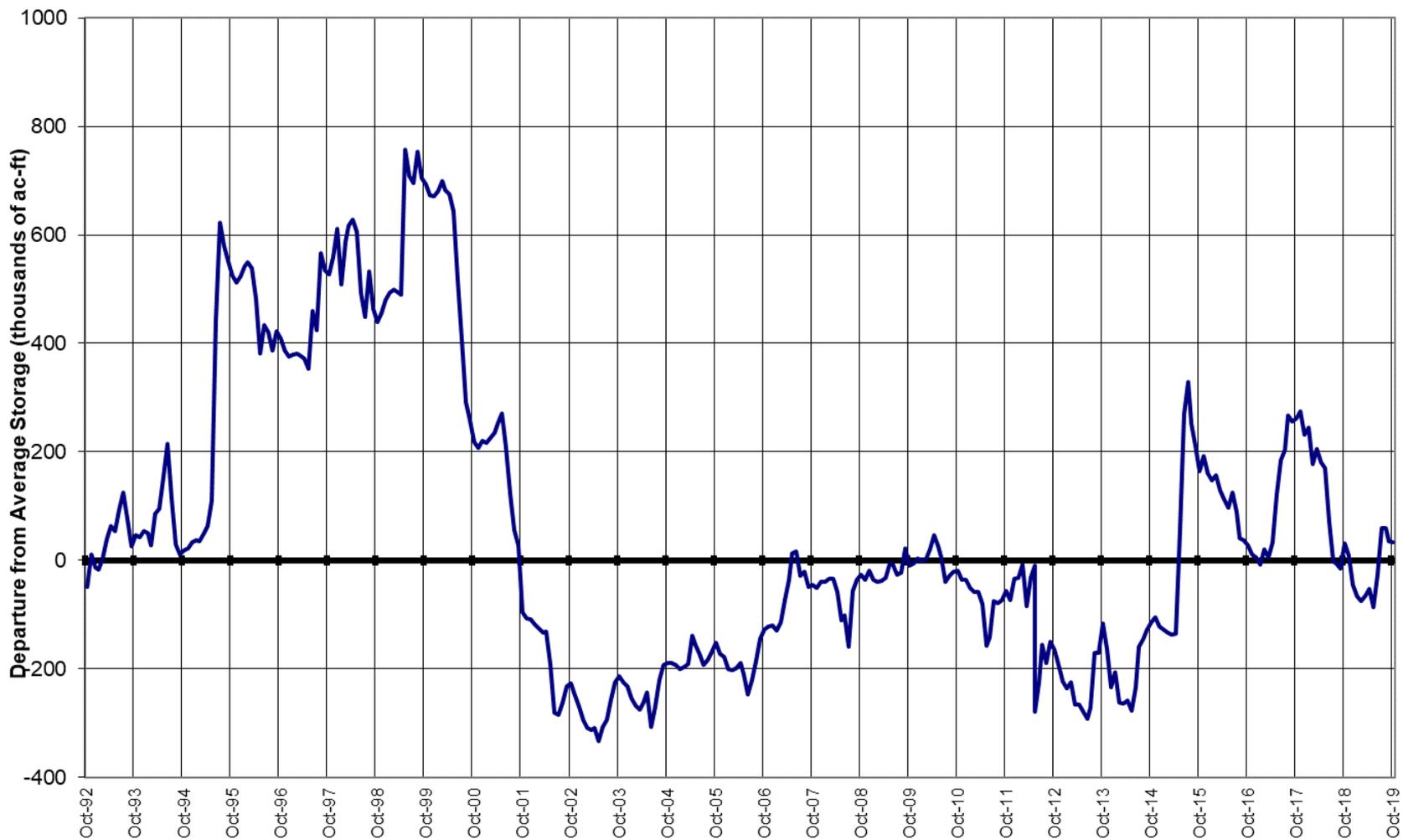
Based on Provisional SNOTEL data as of Nov 25, 2019

USDA
United States Department of Agriculture
Natural Resources Conservation Service



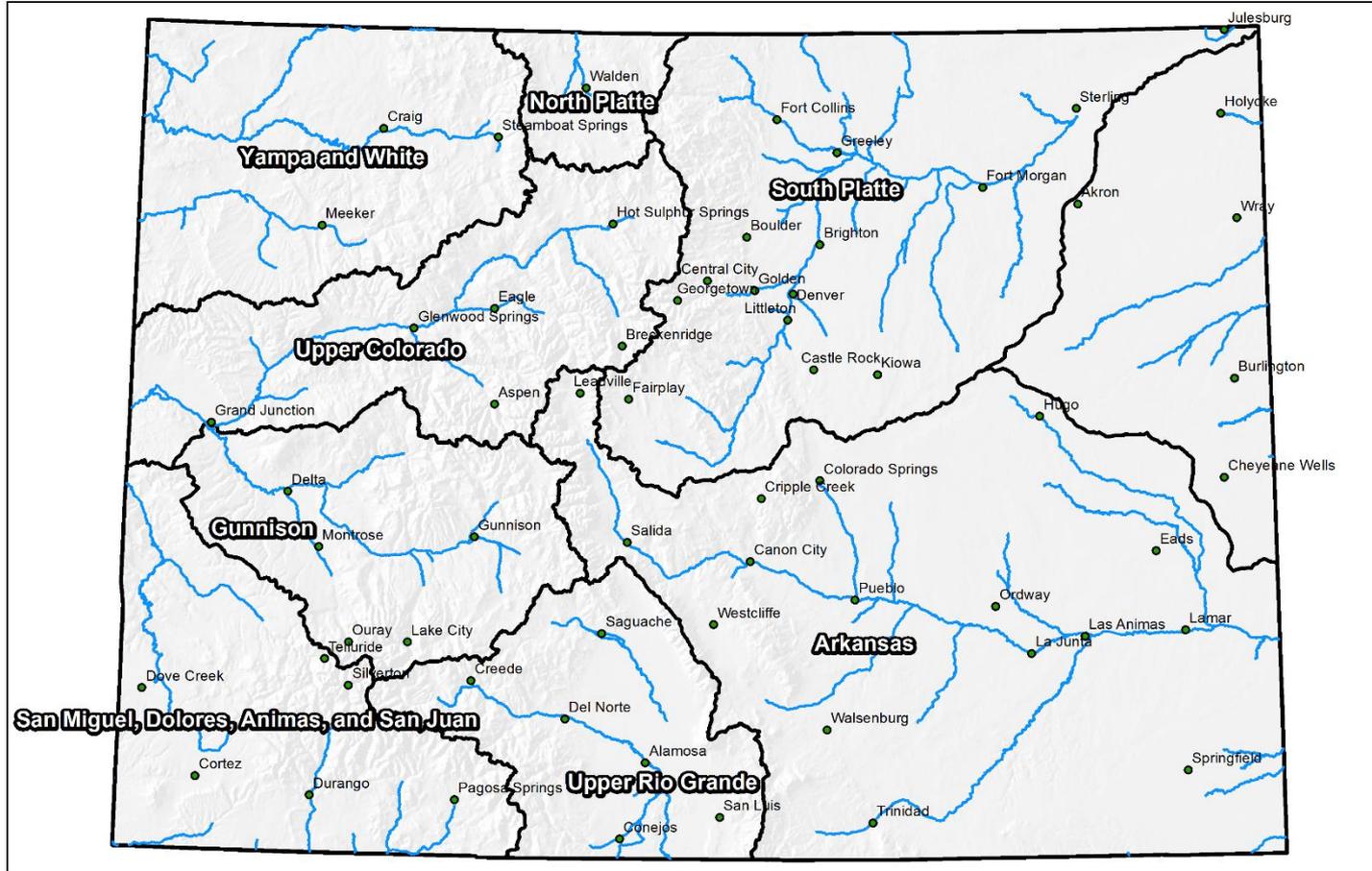


ARKANSAS RIVER BASIN Reservoir Storage Departure from Average



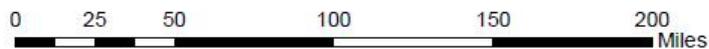
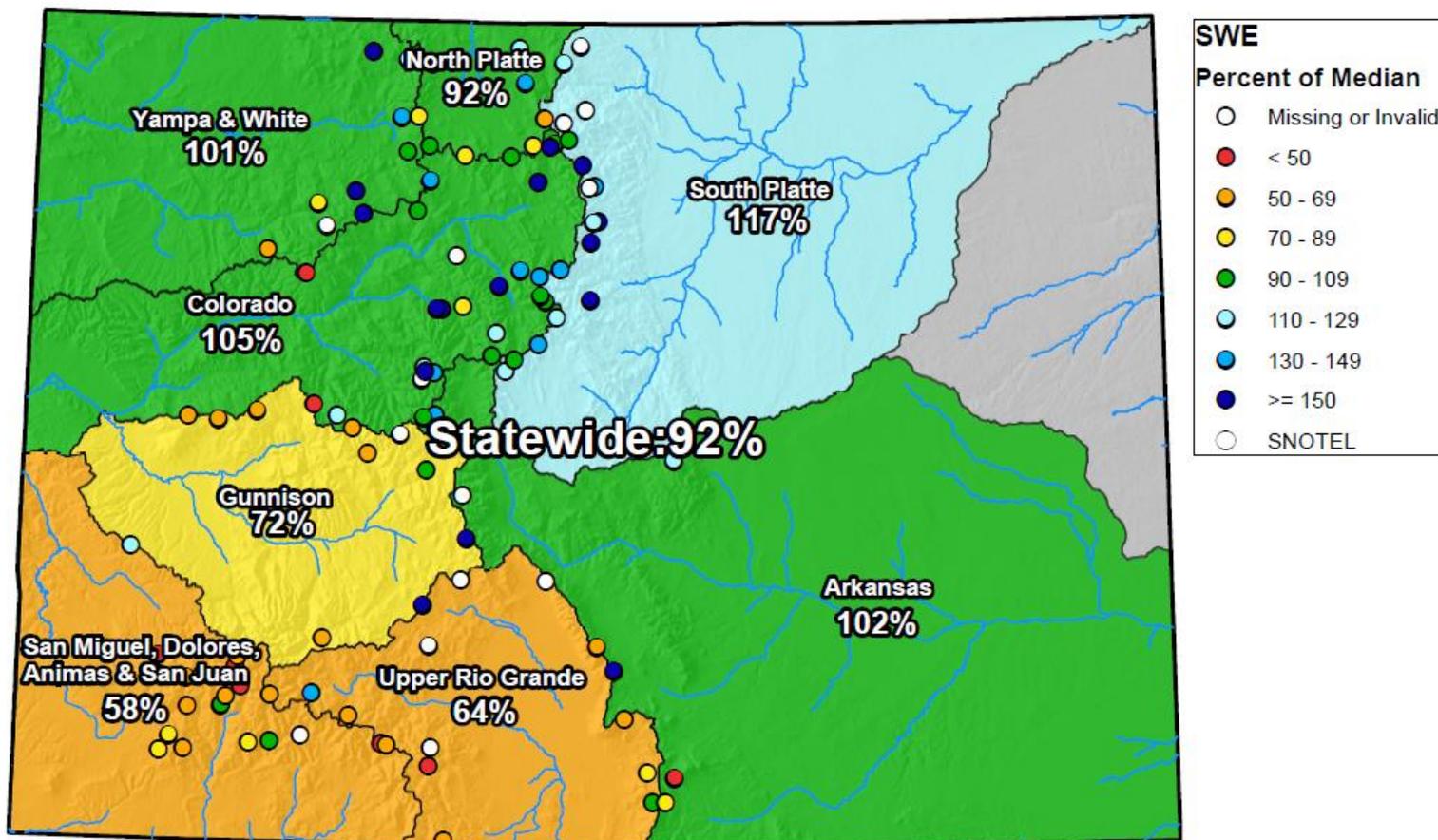
Colorado Statewide Summary

Colorado Major Basins



Colorado SNOTEL Snow Water Equivalent (SWE) Update Map with Site Data

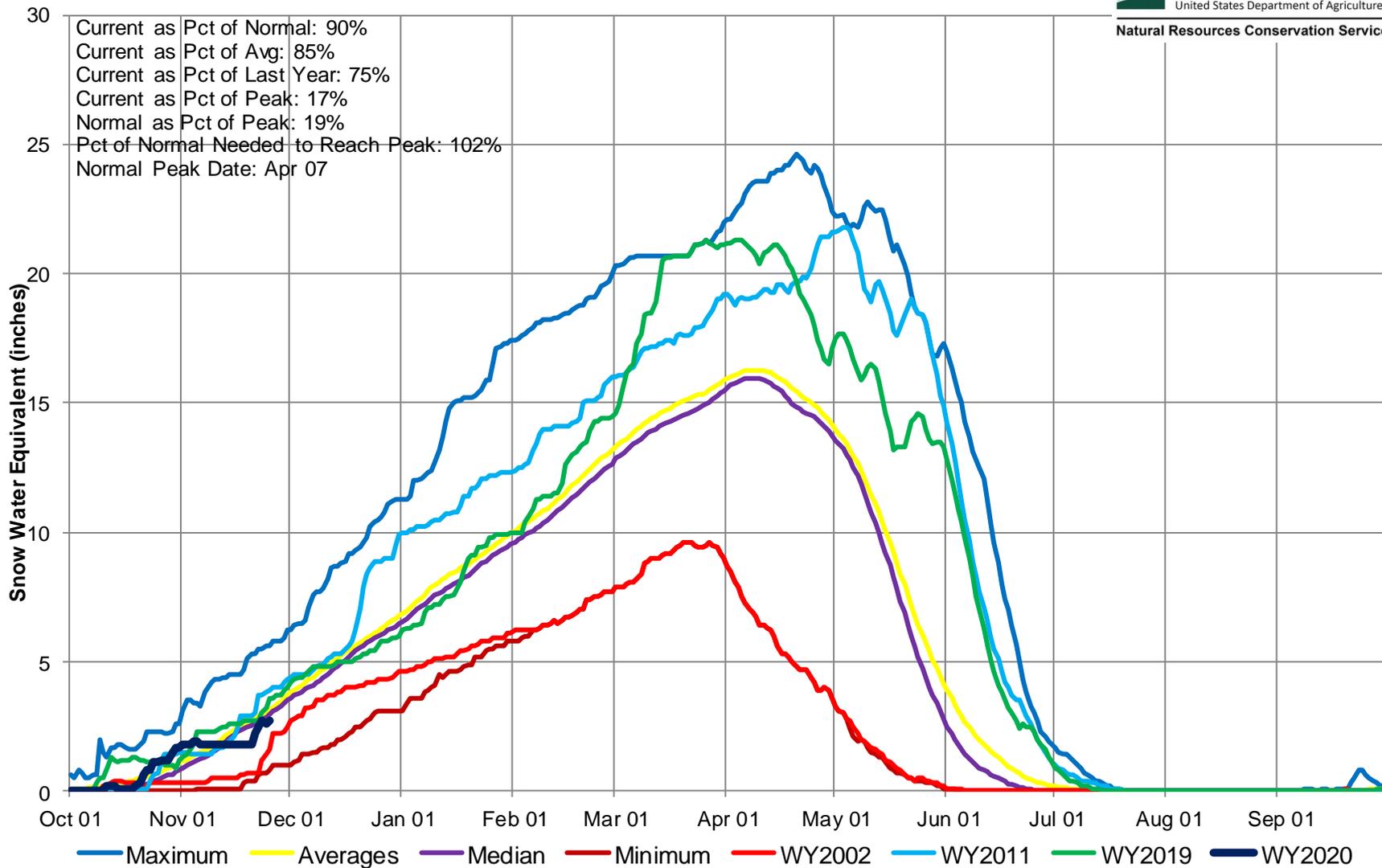
Current as of Nov 25, 2019





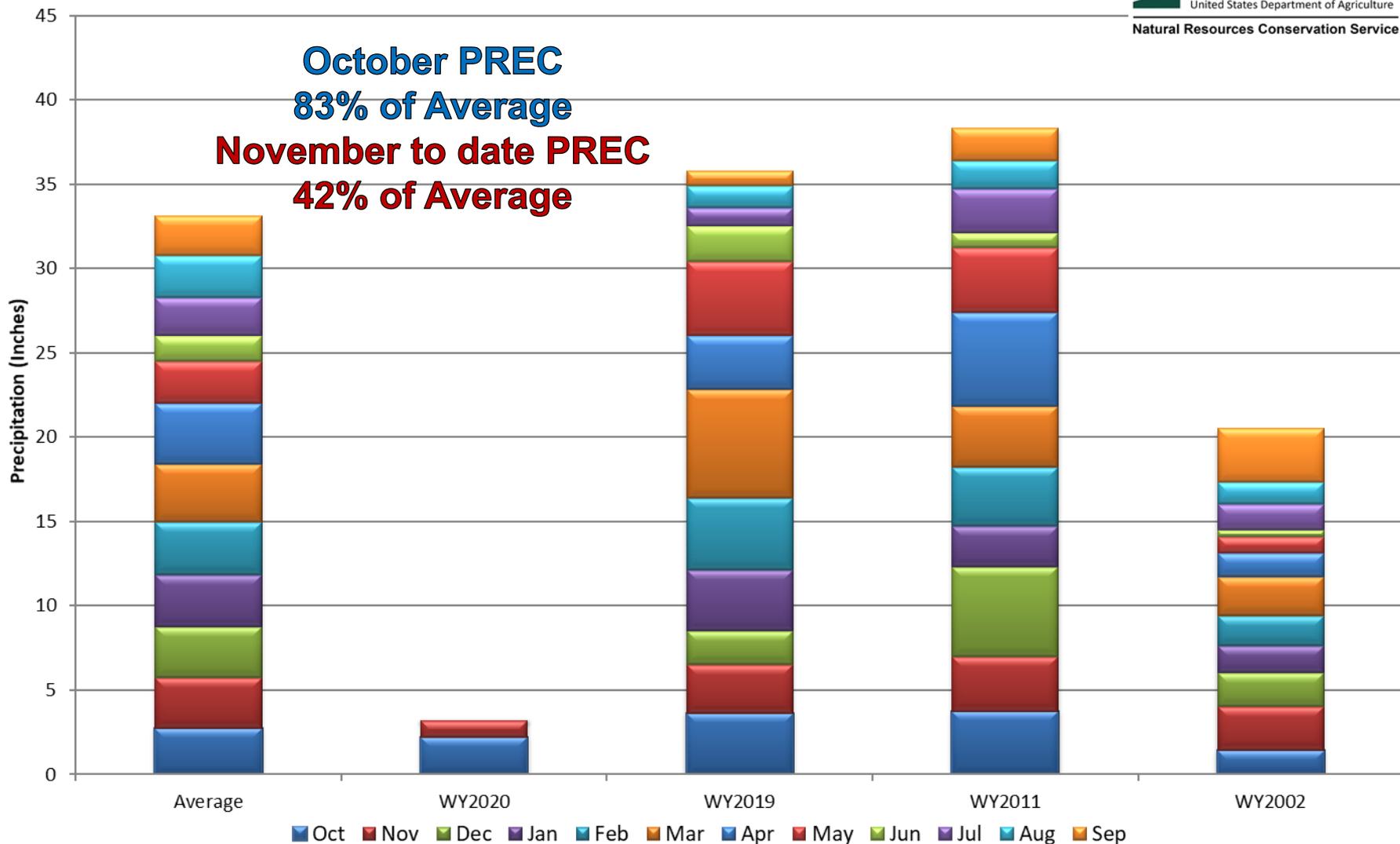
Colorado Statewide High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



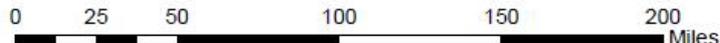
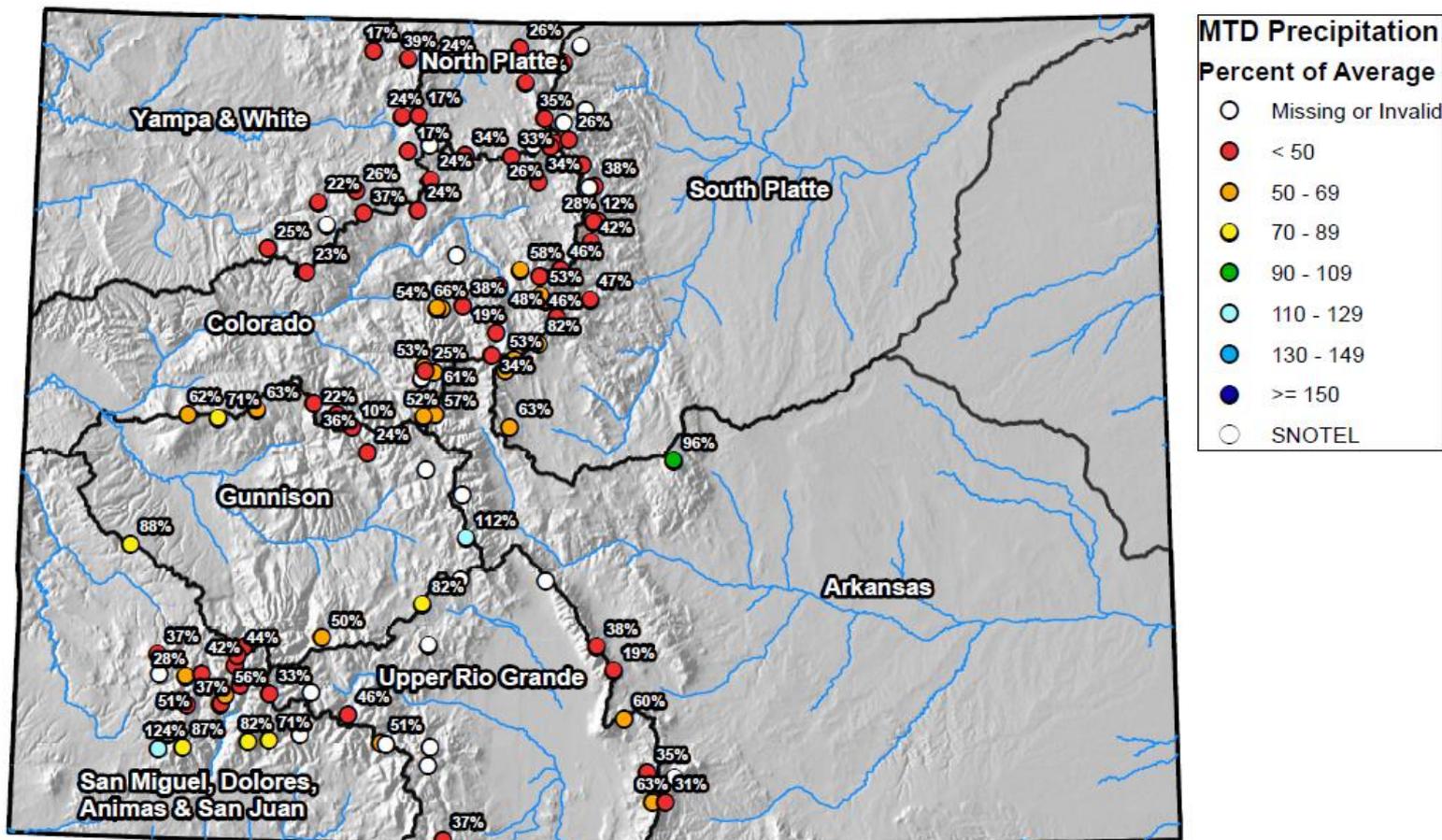
Colorado Statewide High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



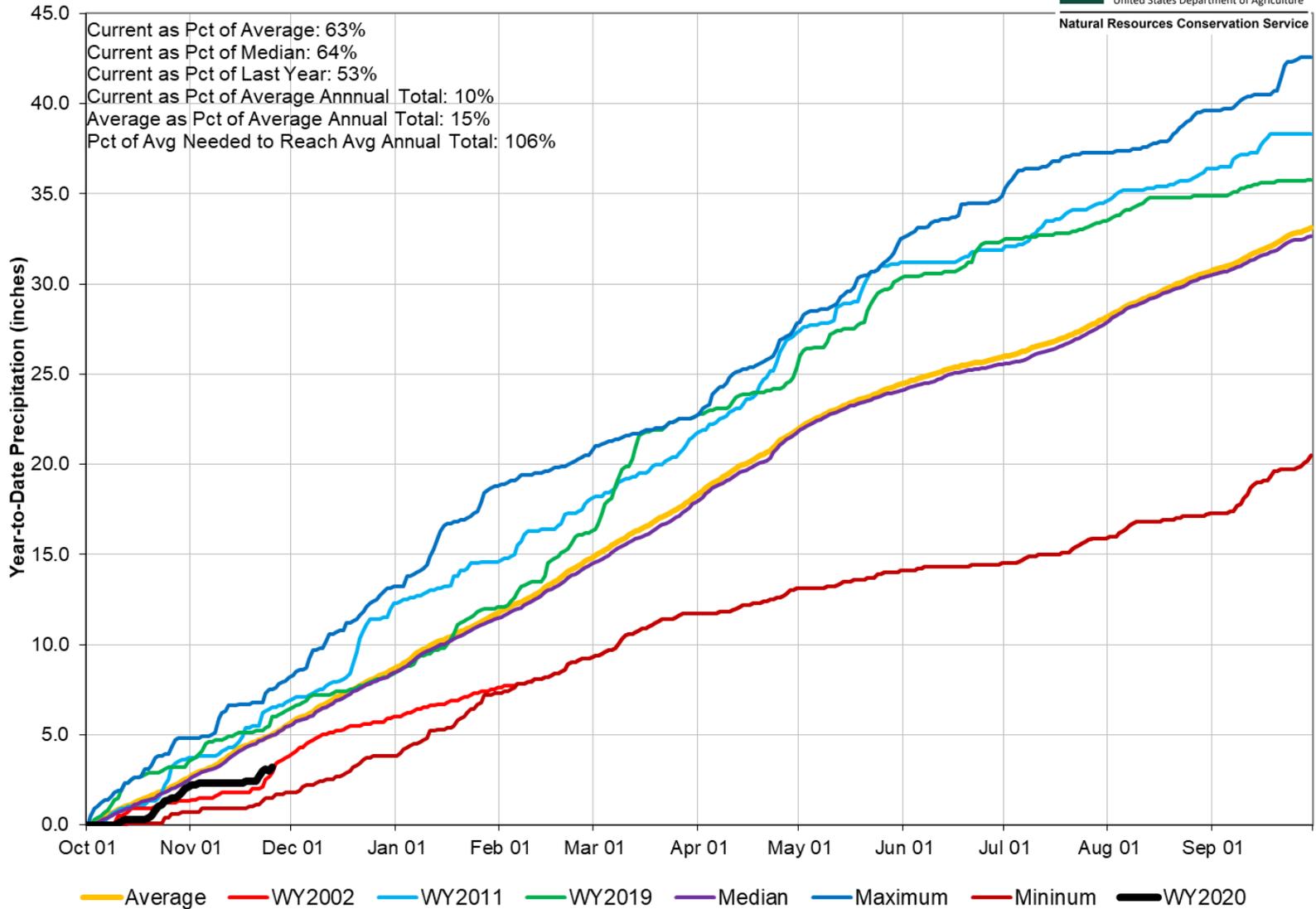
Colorado SNOTEL Month-to-Date Precipitation

Current as of Nov 25, 2019



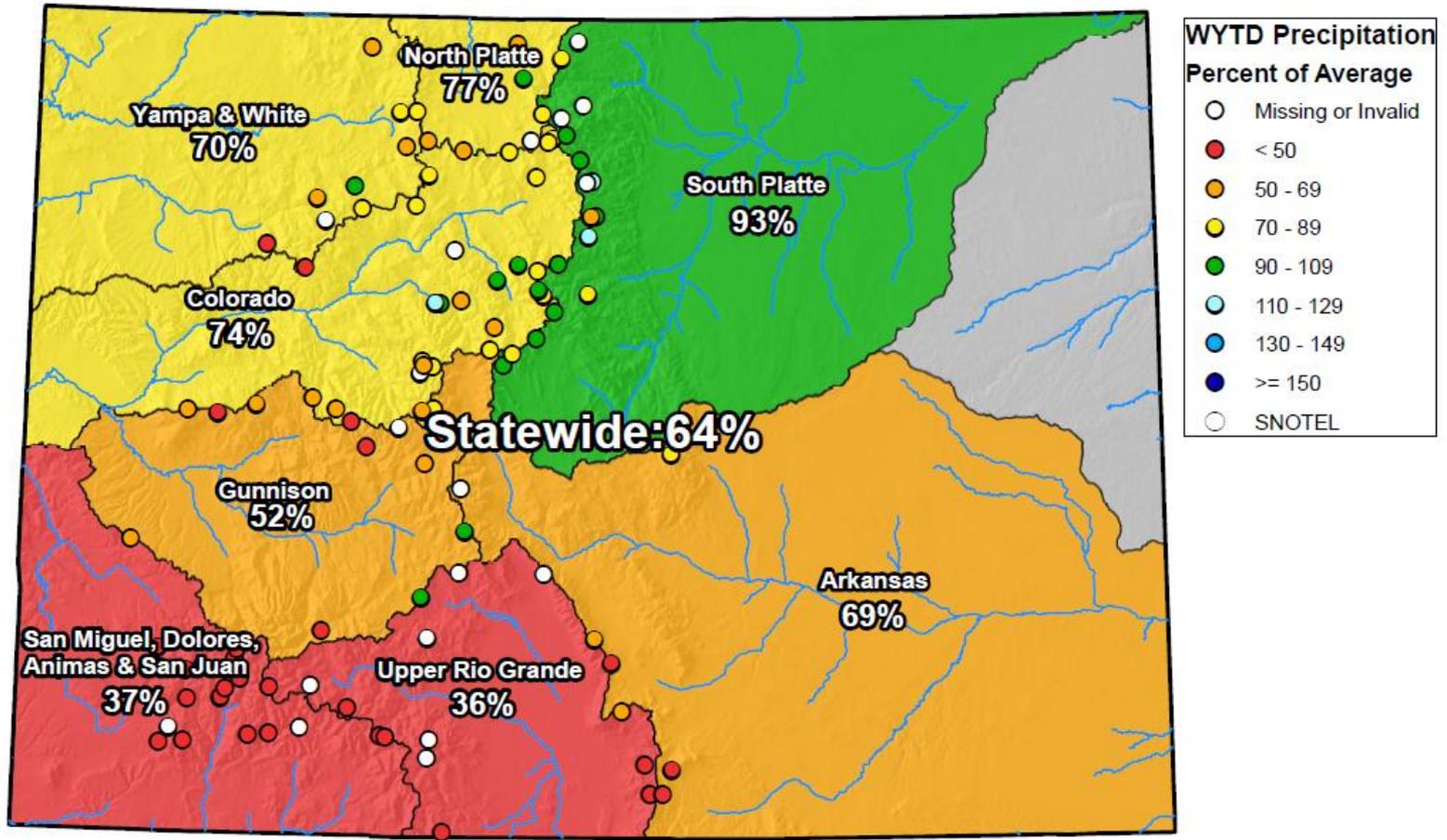
Colorado Statewide High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Nov 25, 2019



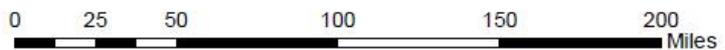
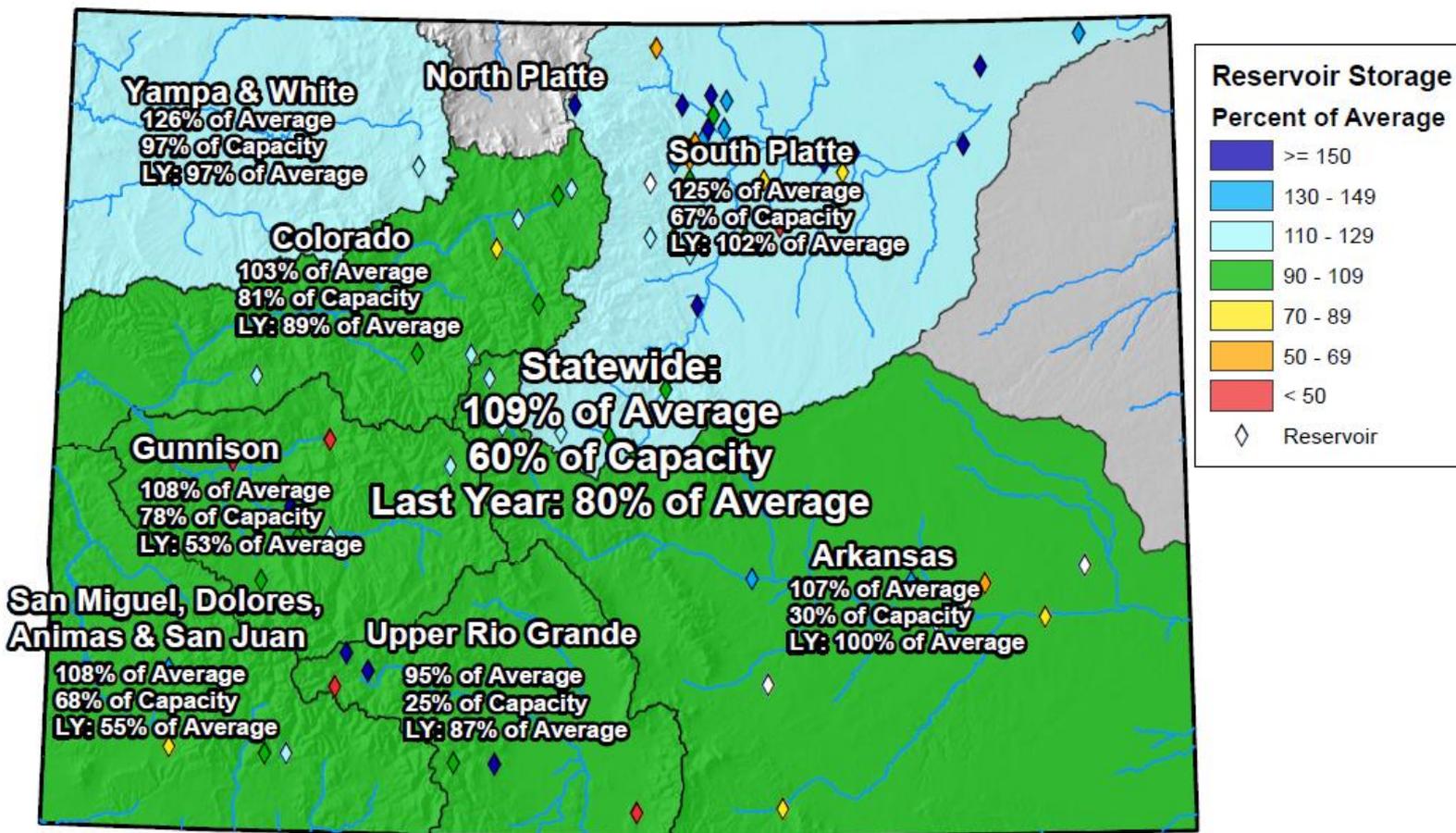
Colorado SNOTEL Water Year to Date Precipitation

Current as of Nov 25, 2019



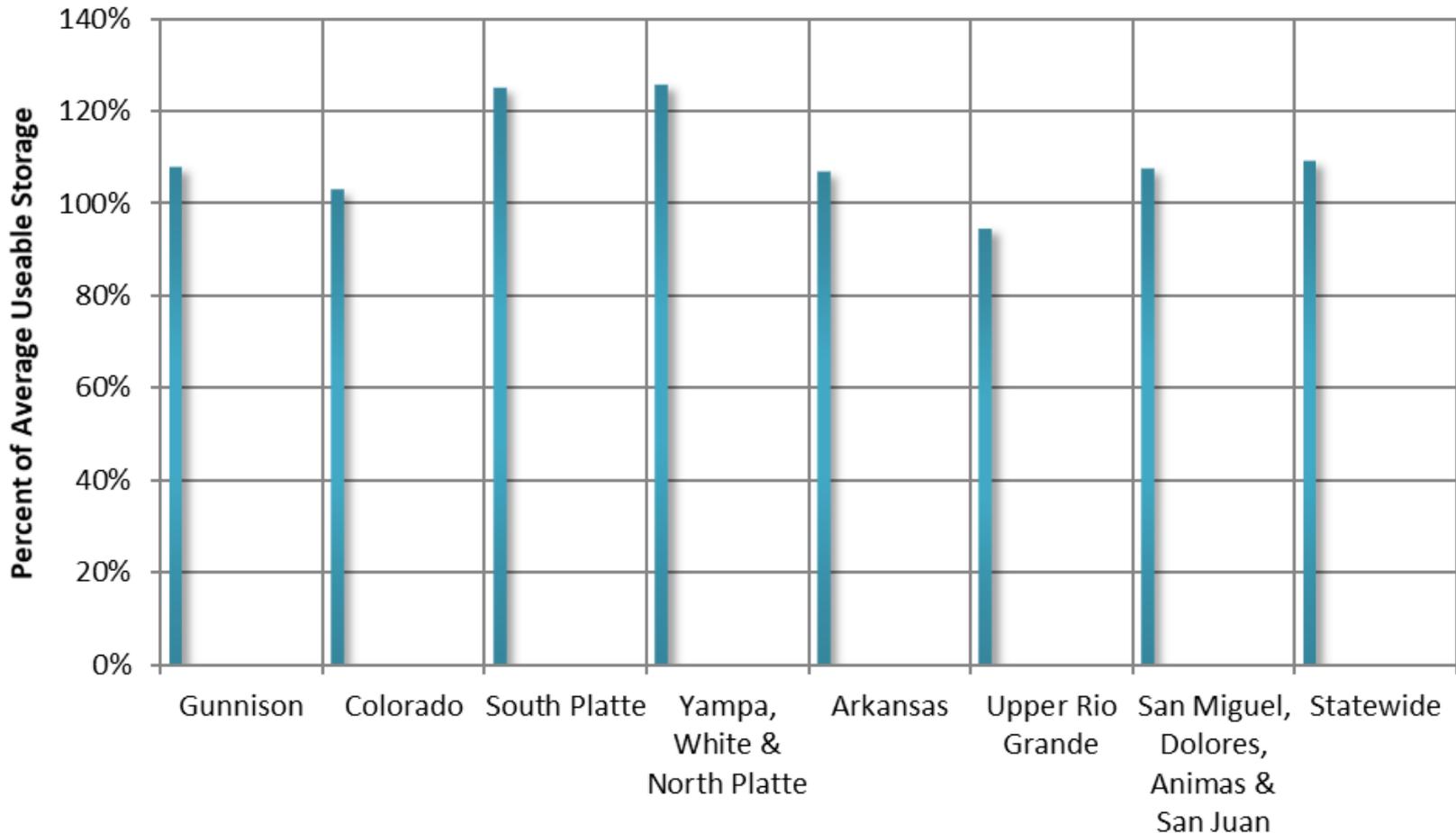
Colorado Monthly Reservoir Storage Summary

End of October 2019



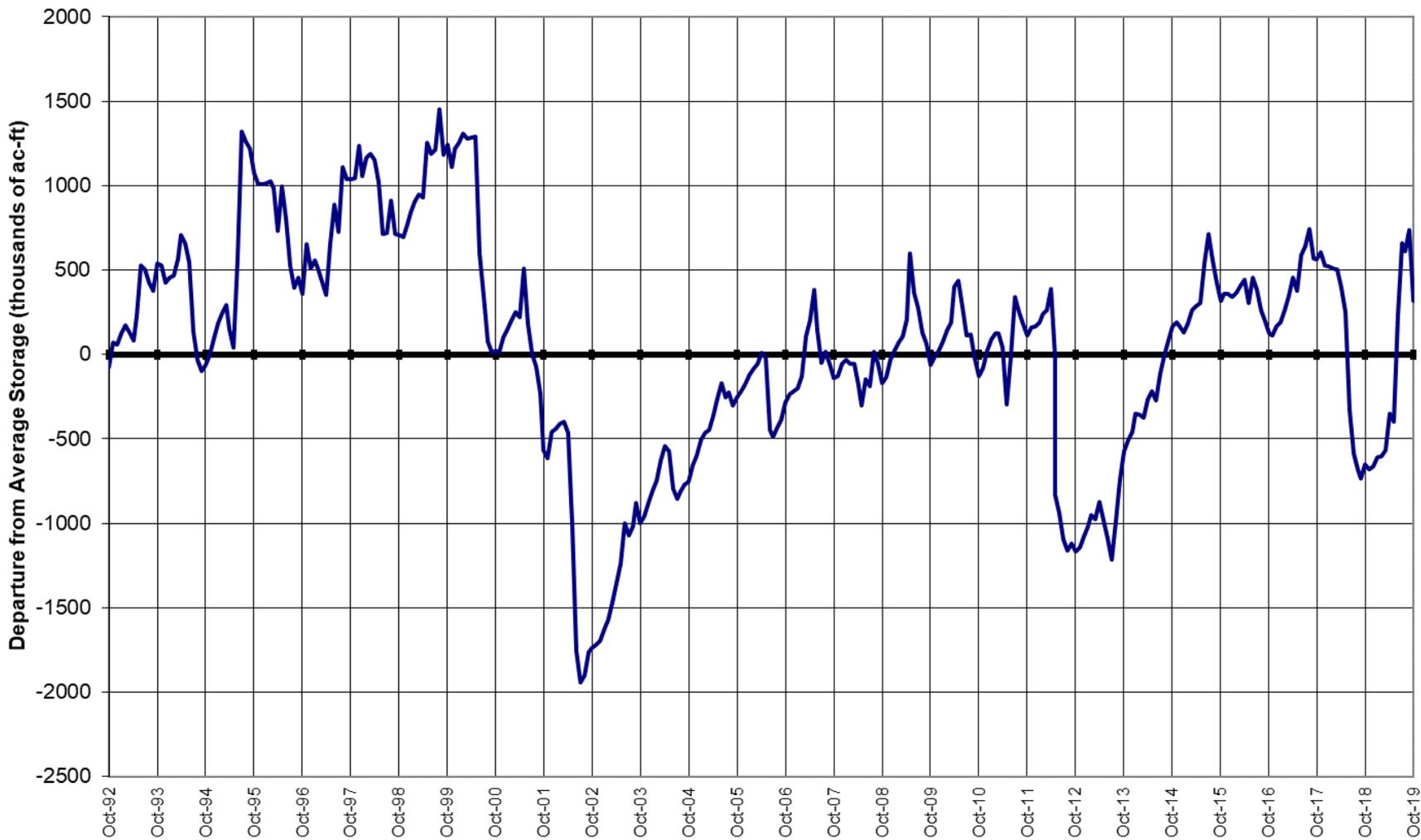
Colorado Reservoir Storage

- Oct-19
- Nov-19
- Dec-19
- Jan-20
- Feb-20
- Mar-20
- Apr-20
- May-20
- Jun-20
- Jul-20
- Aug-20
- Sep-20





COLORADO STATEWIDE Reservoir Storage Departure from Average

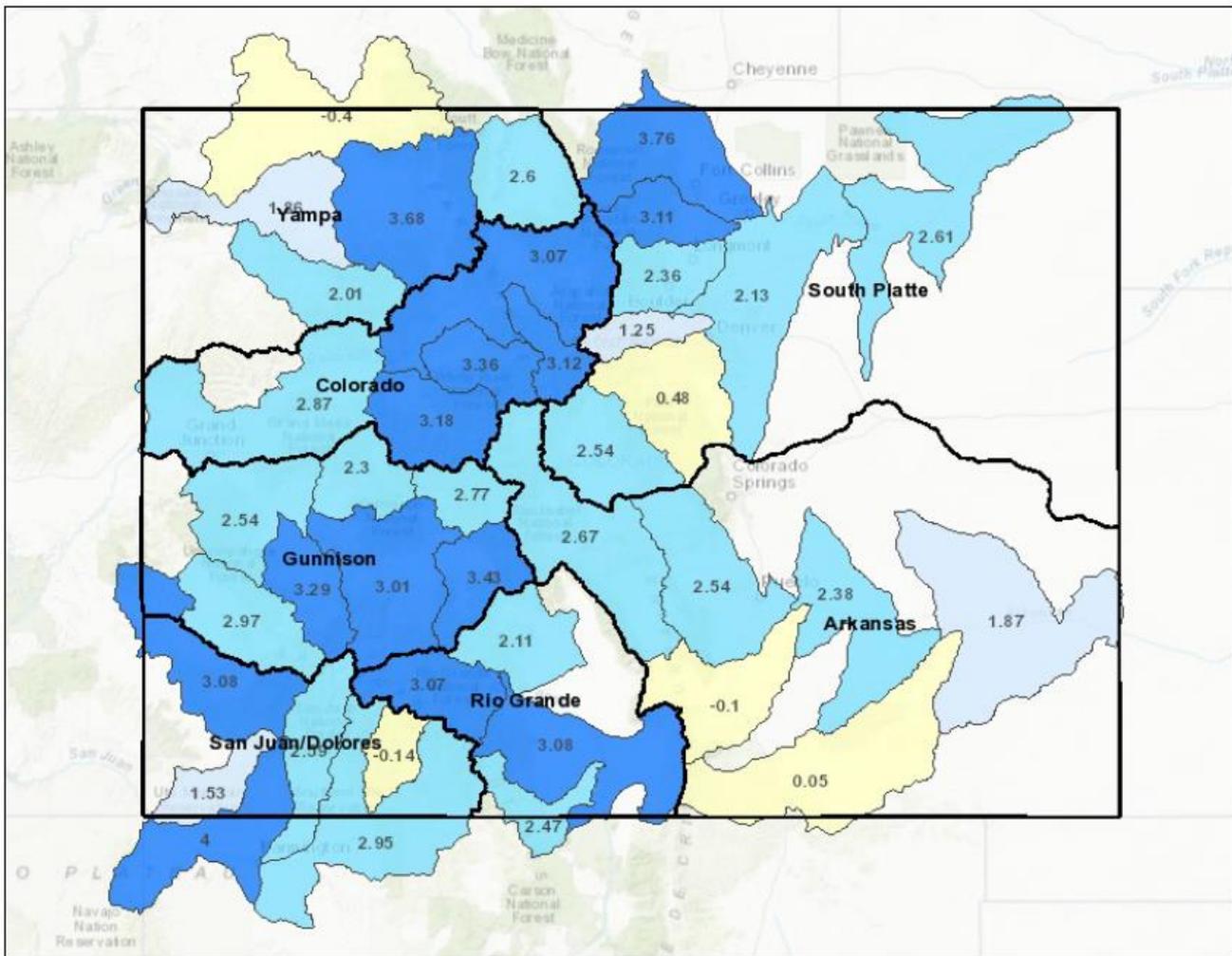


September 1, 2019 SWSI



COLORADO'S
Decision Support Systems
CWCB / DWR

SWSI September 1, 2019



Legend

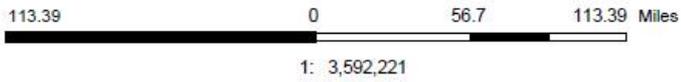
SWSI - Current Report

- SWSI Not Applicable (-99.99)
- Extremely Dry (-3.0 to -4.2)
- Moderately Dry (-2.0 to -2.9)
- Slightly Dry (-1.0 to -1.9)
- Near Average (-0.9 to 0.9)
- Slightly Wet (1.0 to 1.9)
- Moderately Wet (2.0 to 2.9)
- Extremely Wet (3.0 to 4.2)

Water Division



Notes



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

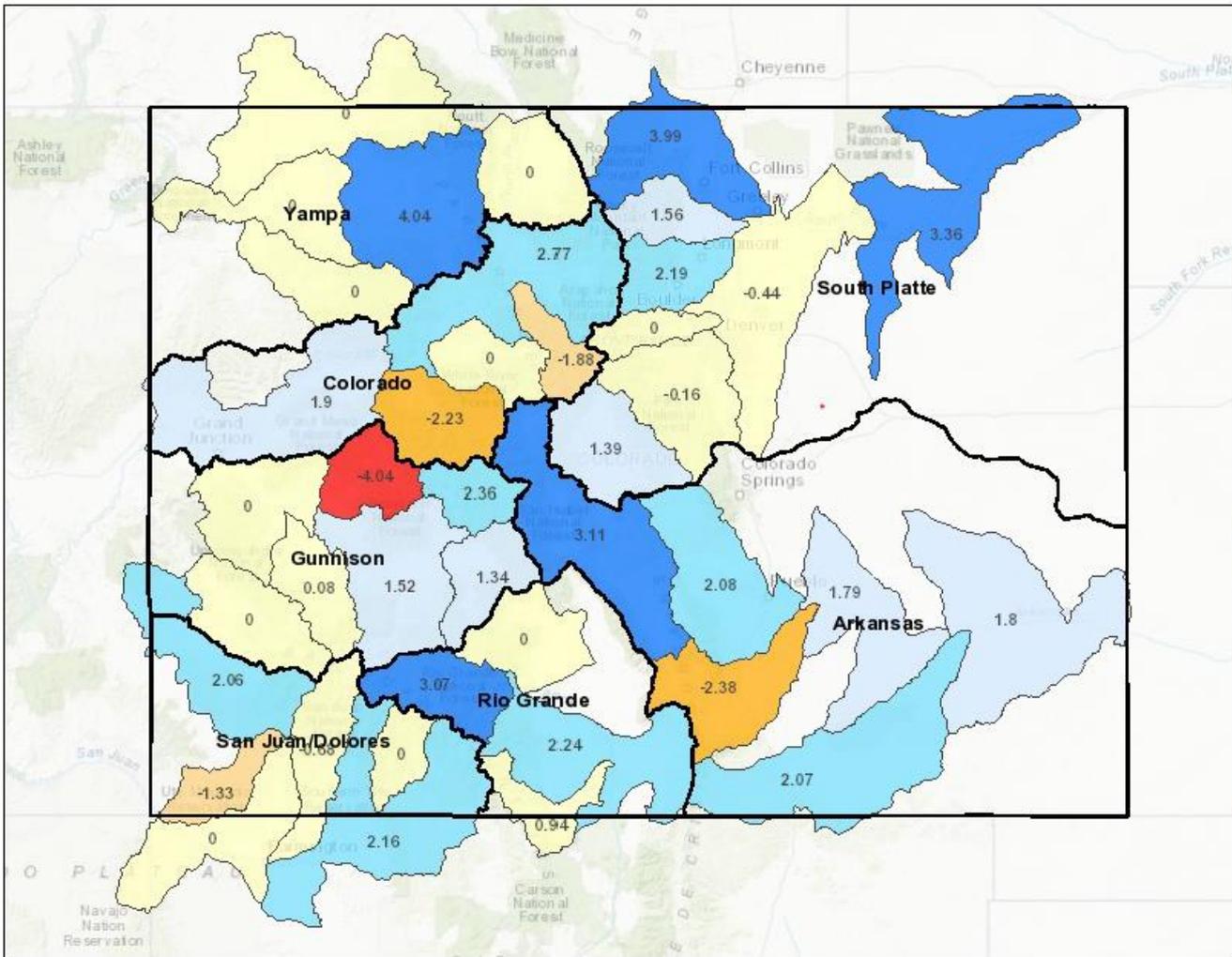
Date Prepared: 9/20/2019 3:53:38 PM

November 1, 2019 SWSI



COLORADO'S
Decision Support Systems
CWCB / DWR

November 1, 2019 SWSI



Legend

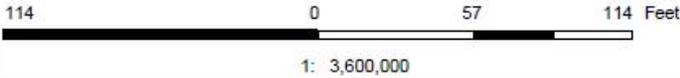
SWSI - Current Report

- SWSI Not Applicable (-99.99)
- Extremely Dry (-3.0 to -4.2)
- Moderately Dry (-2.0 to -2.9)
- Slightly Dry (-1.0 to -1.9)
- Near Average (-0.9 to 0.9)
- Slightly Wet (1.0 to 1.9)
- Moderately Wet (2.0 to 2.9)
- Extremely Wet (3.0 to 4.2)

Water Division

Location

Notes



This product is for informational purposes and may not have been prepared for, or be suitable for, legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 11/13/2019 9:03:08 AM

Summary

•Precipitation Statewide

- Water year precipitation remains below normal statewide but recent (and current) storms have been helping
- Southern Colorado remains more dry than the northern basins

•Reservoir storage remains above average in all major basins except for the Rio Grande

- Ranging from 95-126 percent of average storage

•Statewide snowpack is 90 percent of normal but accumulation patterns have been variable across the state

- We have received 17 percent of the normal peak accumulation statewide
 - 19 percent of peak is normal

•NRCS is planning on producing streamflow forecasts January through July



Water Availability Task Force Meeting

November 26th, 2019

NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

Hydrologist

Asst. Snow Survey Supervisor

720-544-2853

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/>



Non-Discrimination Statement:

In accordance with Federal civil rights law and U.S. Department of agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA 's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at [How to File a Program Discrimination Complaint](#) and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov.