

Washington Water Availability Committee

April 2020



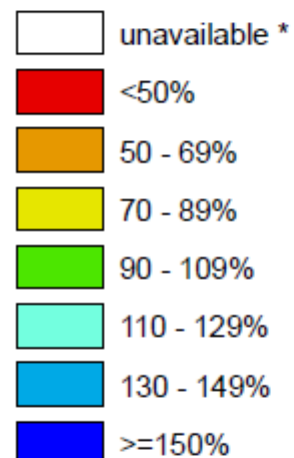
Scott Pattee
Water Supply Specialist
USDA - NRCS - WA
Scott.pattee@usda.gov



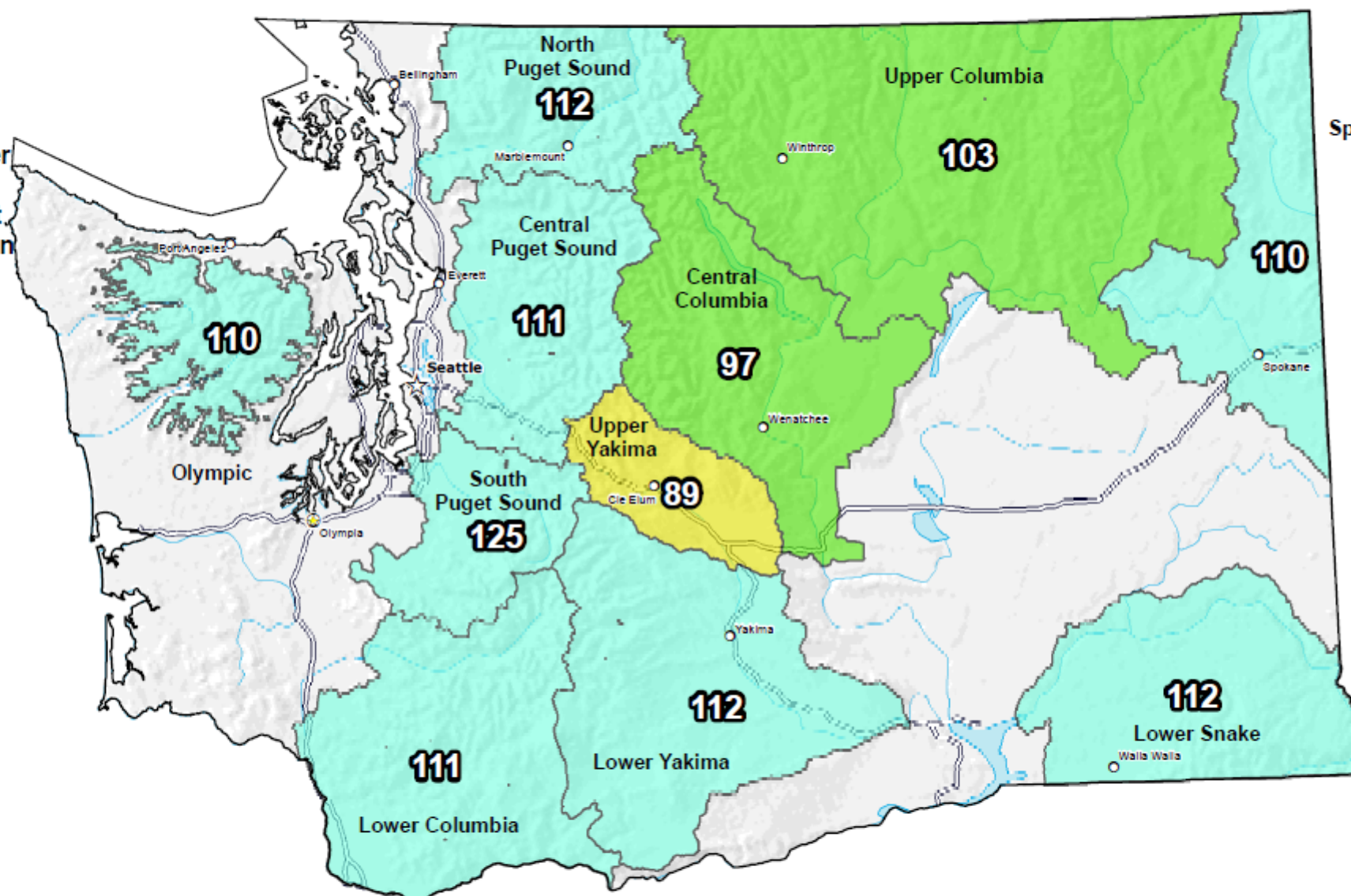
Washington SNOTEL Current Snow Water Equivalent (SWE) % of Normal

Apr 01, 2020

Current Snow Water Equivalent (SWE) Basin-wide Percent of 1981-2010 Median



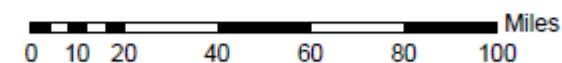
* Data unavailable at time of posting or measurement is not representative at this time of year



Provisional Data
Subject to Revision



The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites for the same month of the first reading of the day (typically 00:00)



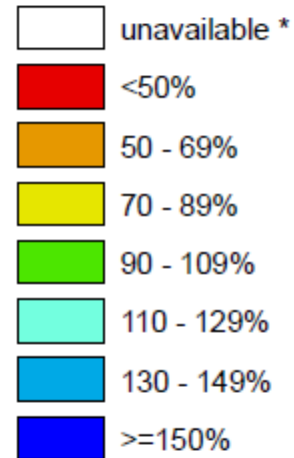
Prepared by:
USDA/NRCS National Water and Climate Center
Portland, Oregon
<http://www.wcc.nrcs.usda.gov>



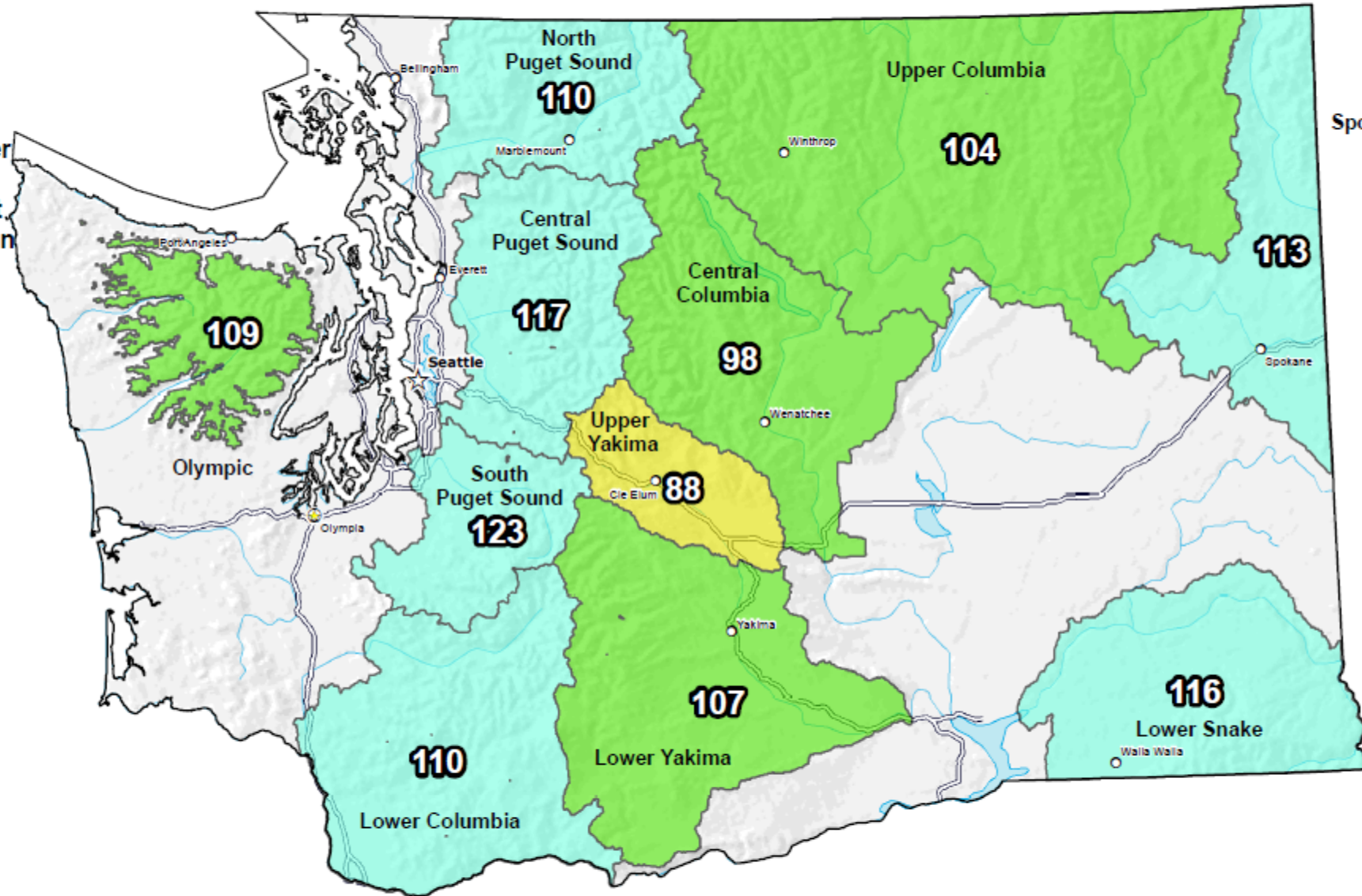
Washington SNOTEL Current Snow Water Equivalent (SWE) % of Normal

Apr 09, 2020

Current Snow Water Equivalent (SWE) Basin-wide Percent of 1981-2010 Median



* Data unavailable at time of posting or measurement is not representative at this time of year



Provisional Data
Subject to Revision



The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

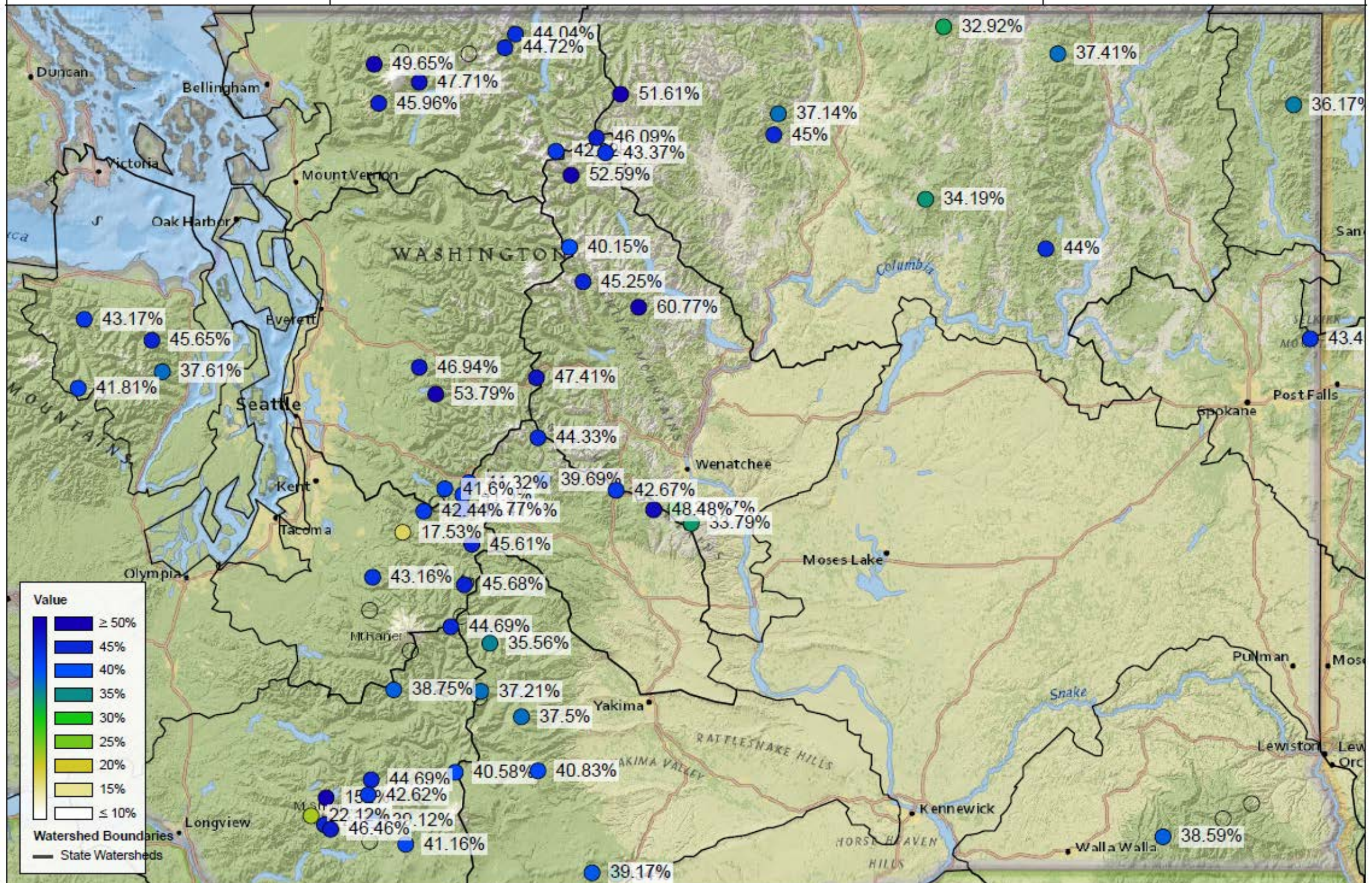
0 10 20 40 60 80 100 Miles

Prepared by:
USDA/NRCS National Water and Climate Center
Portland, Oregon
<http://www.wcc.nrcs.usda.gov>

Snow Density

Value

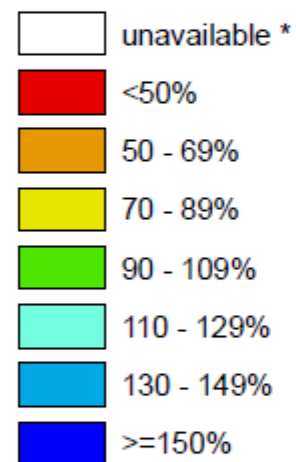
April 9, 2020, first of day



Washington SNOTEL Water Year (Oct 1) to Date Precipitation % of Normal

Apr 01, 2020

Water Year (Oct 1)
to Date Precipitation
Basin-wide Percent
of 1981-2010 Average

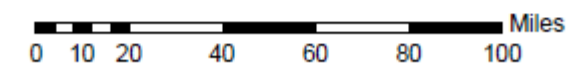
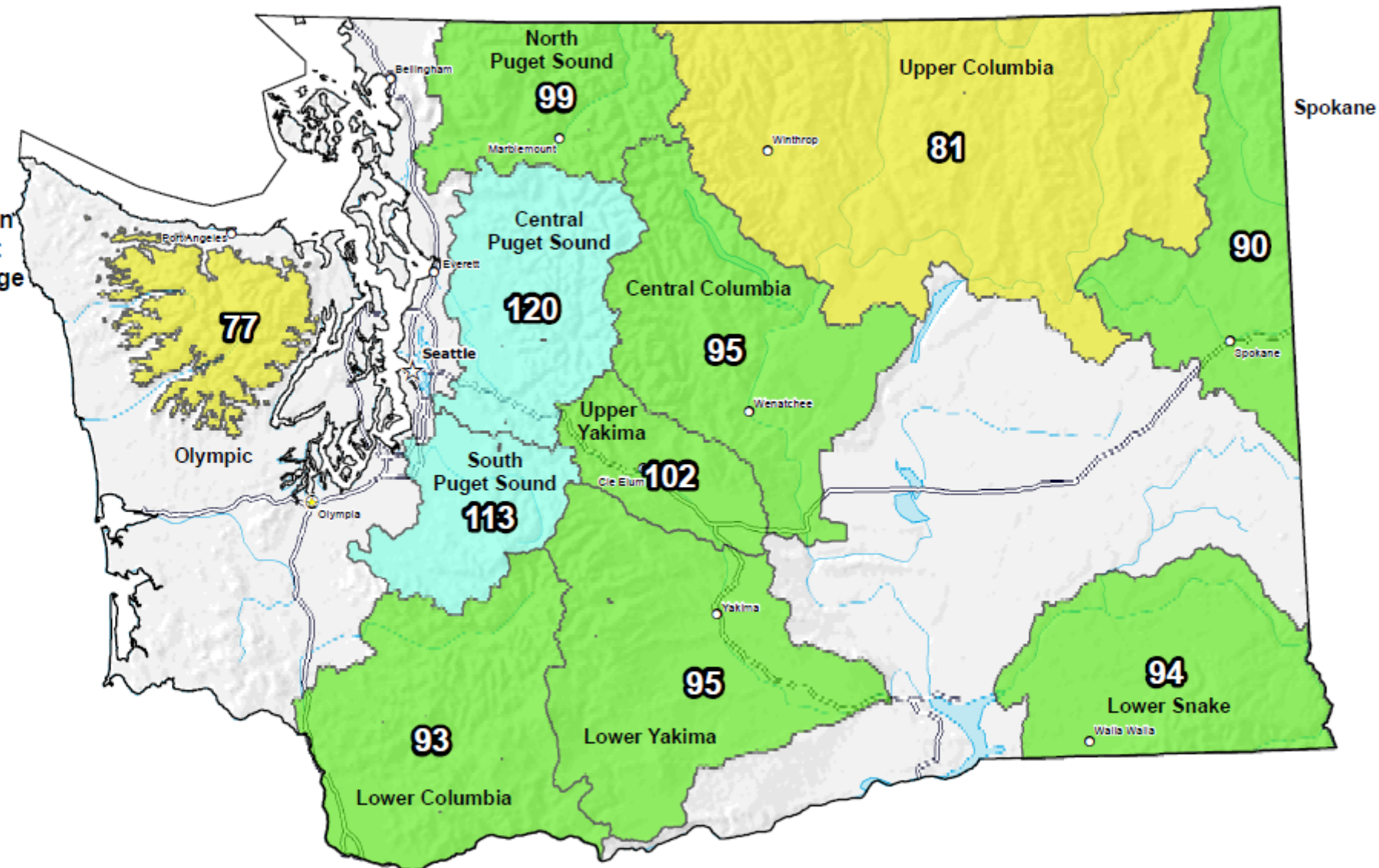


* Data unavailable at time
of posting or measurement
is not representative at this
time of year

Provisional Data
Subject to Revision



The water year to date precipitation percent of normal represents the accumulated precipitation found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).



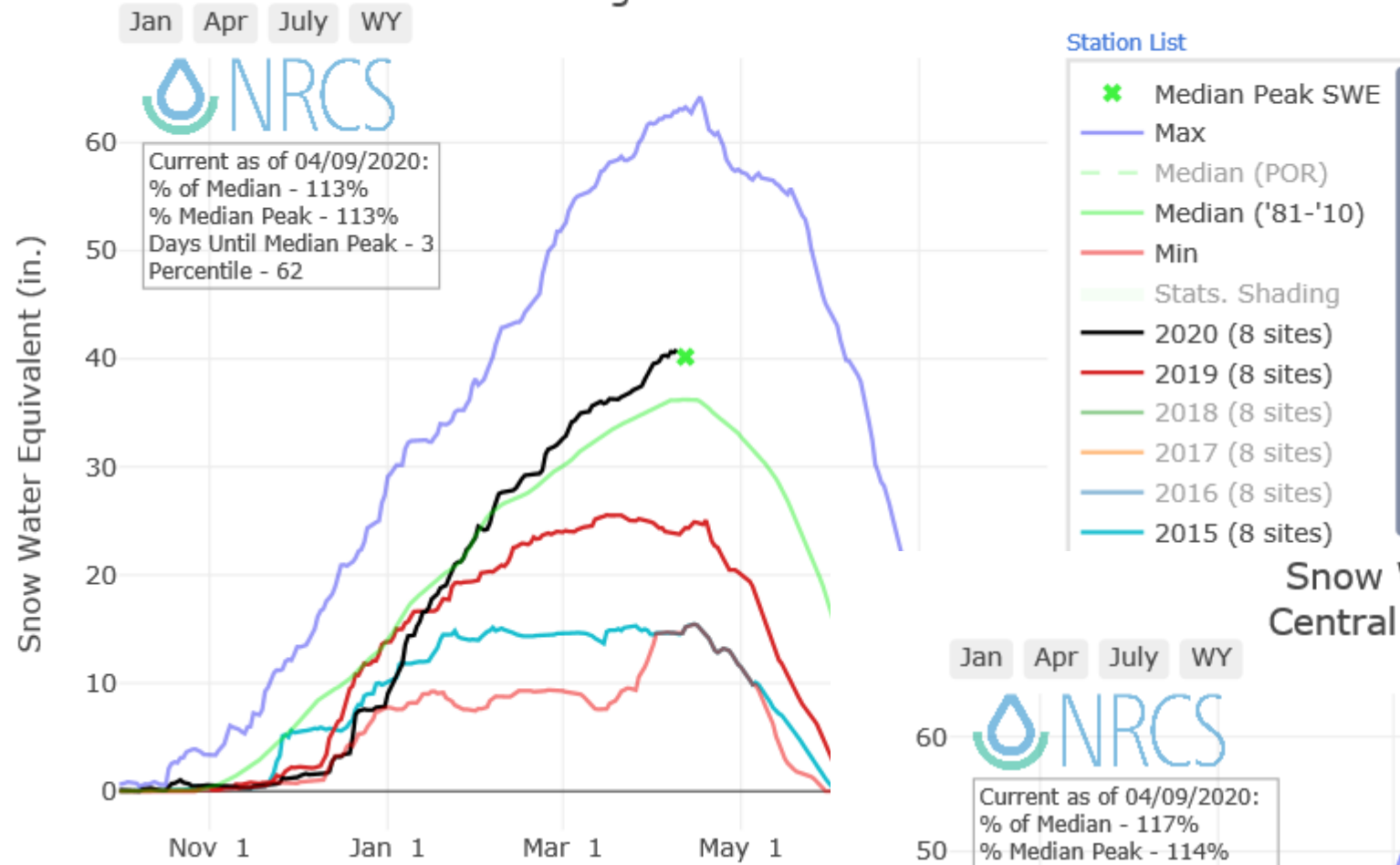
Prepared by:
USDA/NRCS National Water and Climate Center
Portland, Oregon
<http://www.wcc.nrcs.usda.gov>

Apr 01, 2020

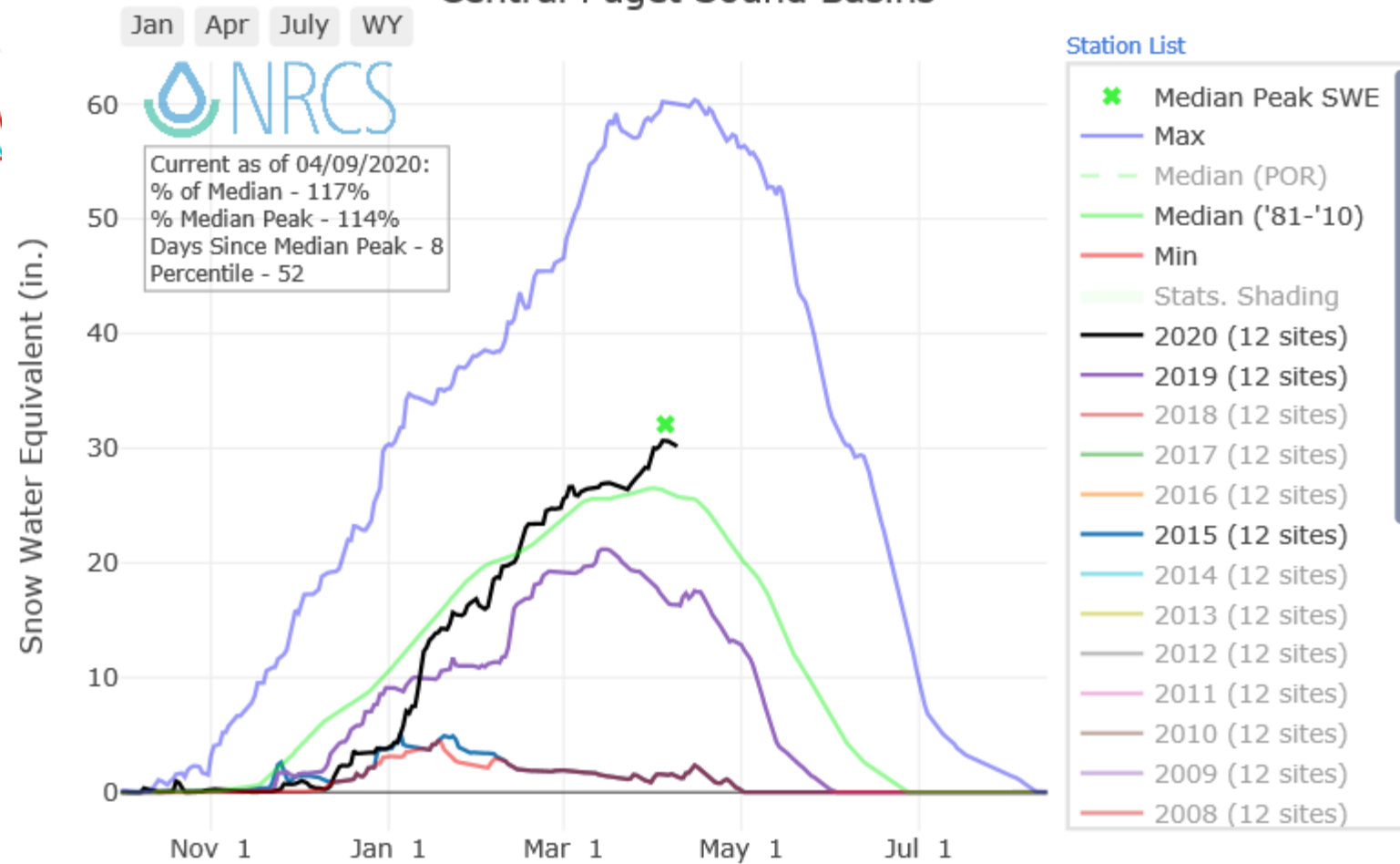


* Data unavailable at time of posting or unavailable long-term normal.

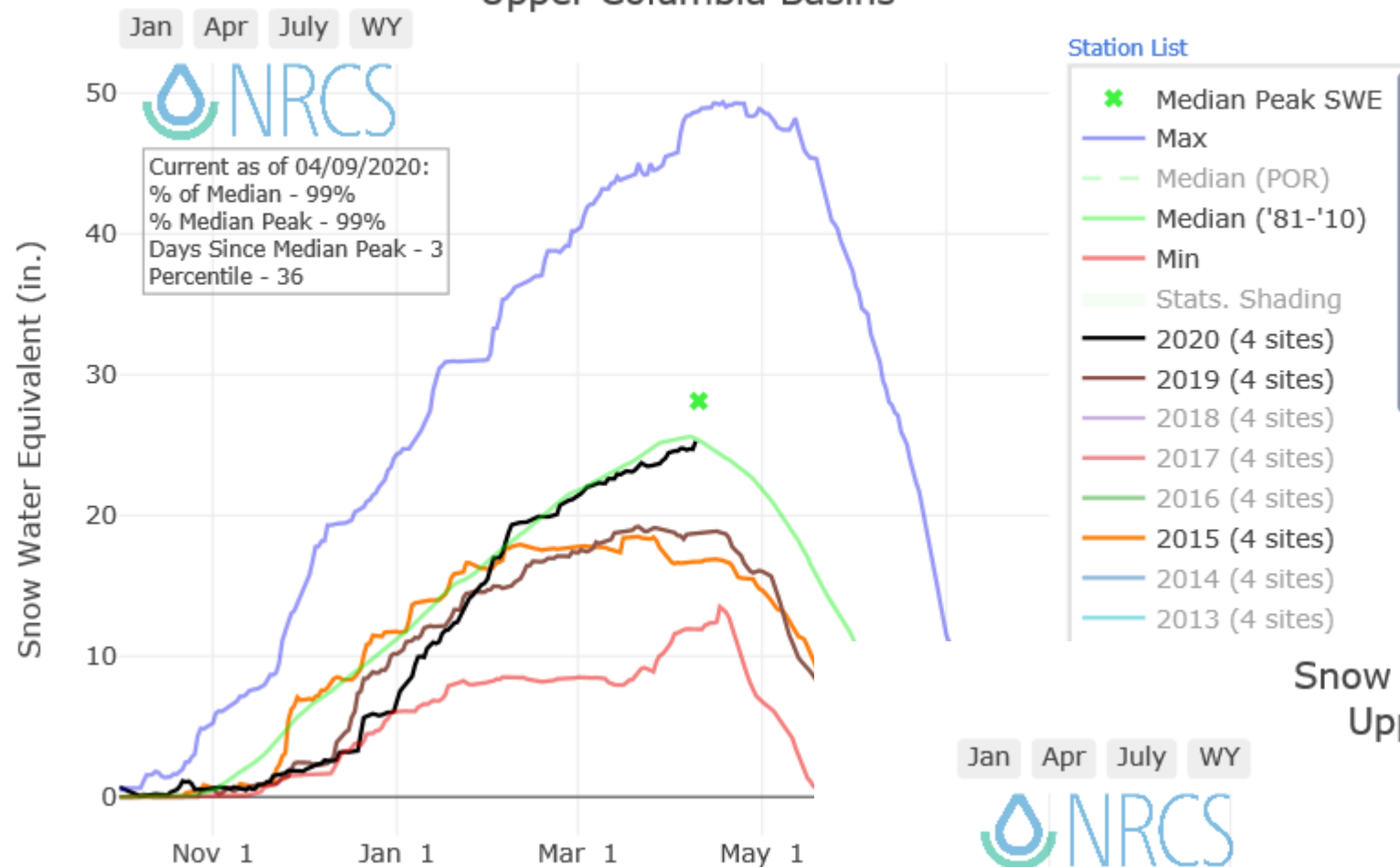
Snow Water Equivalent in North Puget Sound Basins



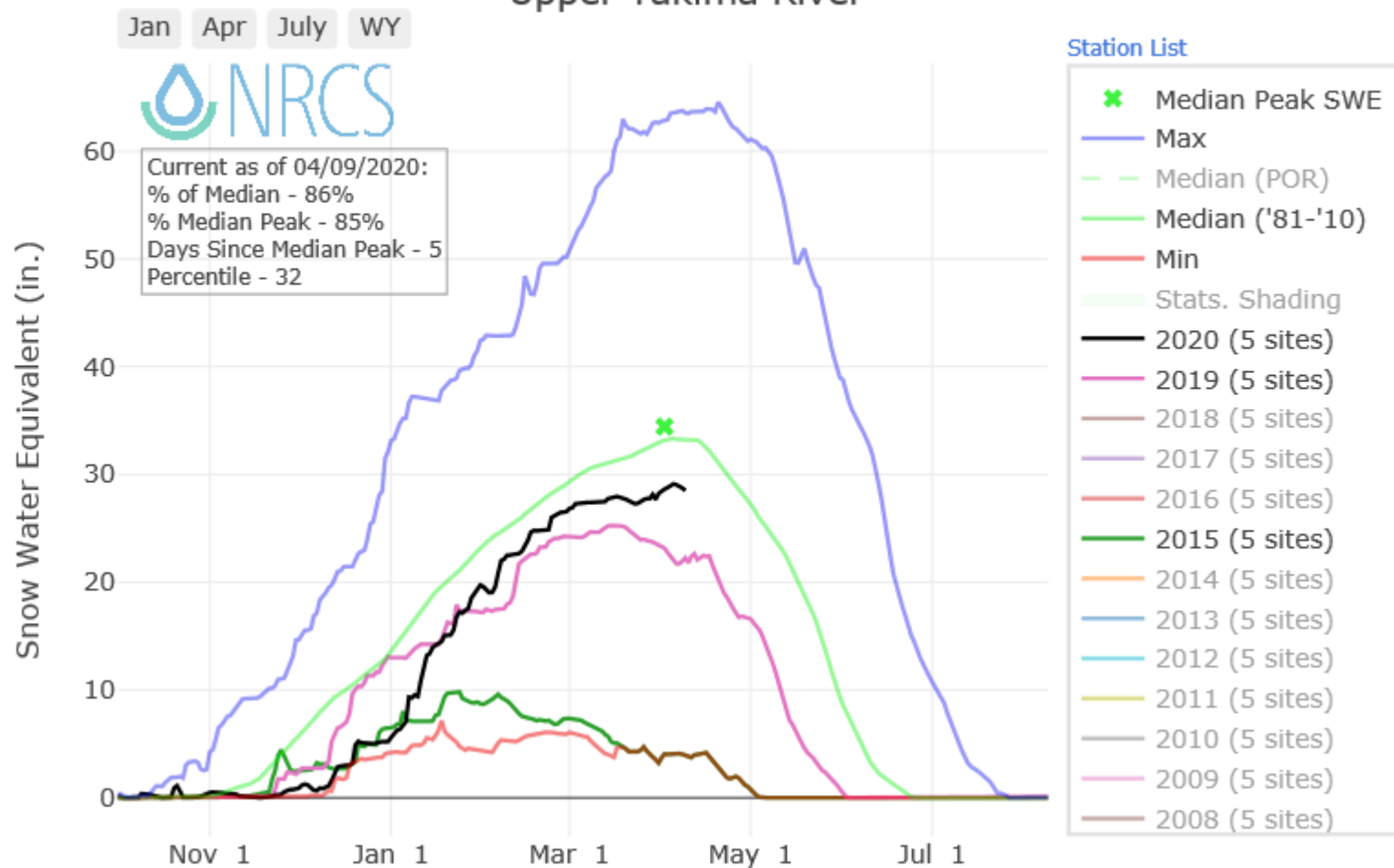
Snow Water Equivalent in Central Puget Sound Basins



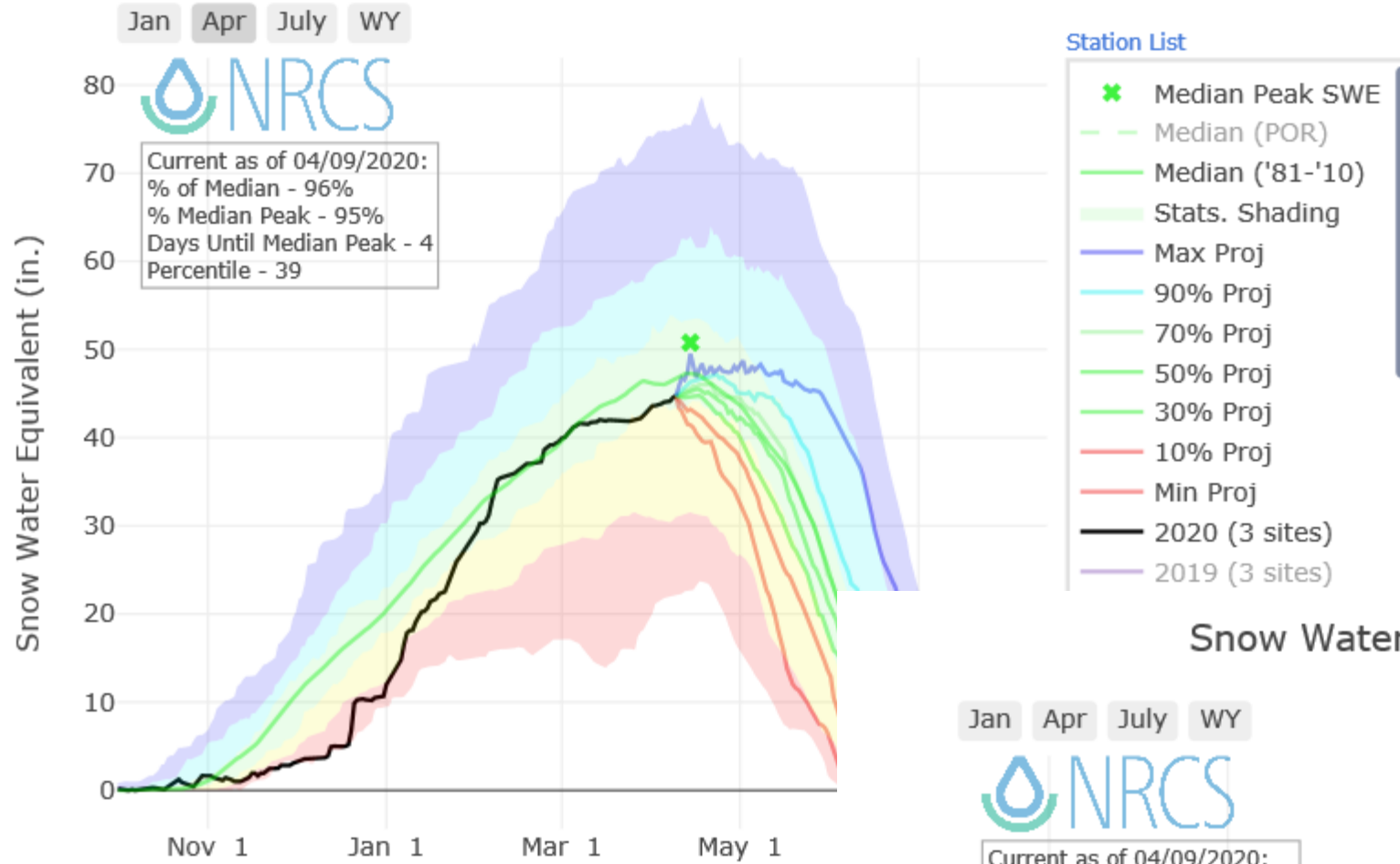
Snow Water Equivalent in Upper Columbia Basins



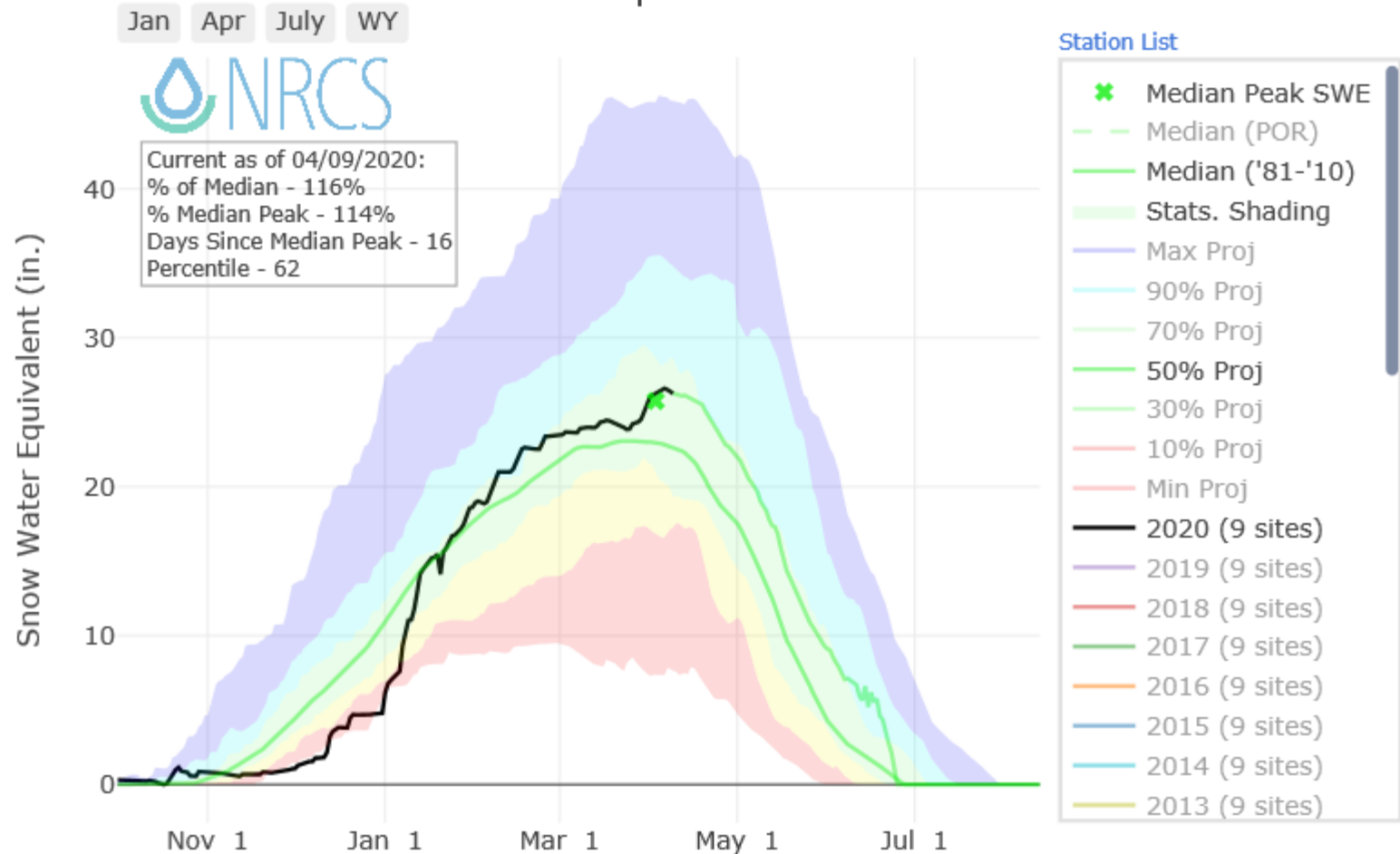
Snow Water Equivalent in Upper Yakima River



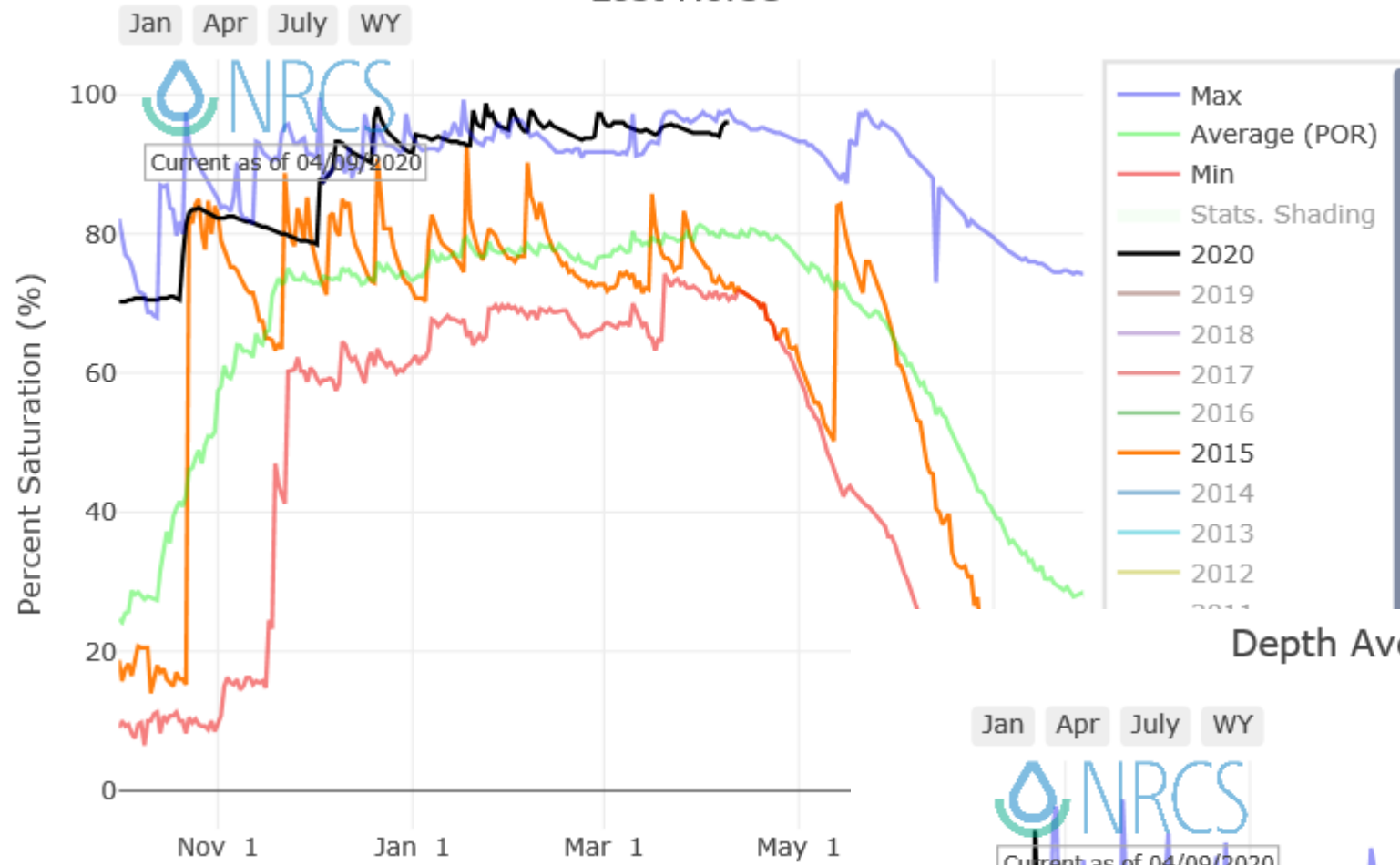
Snow Water Equivalent Projections in Central Columbia Basins



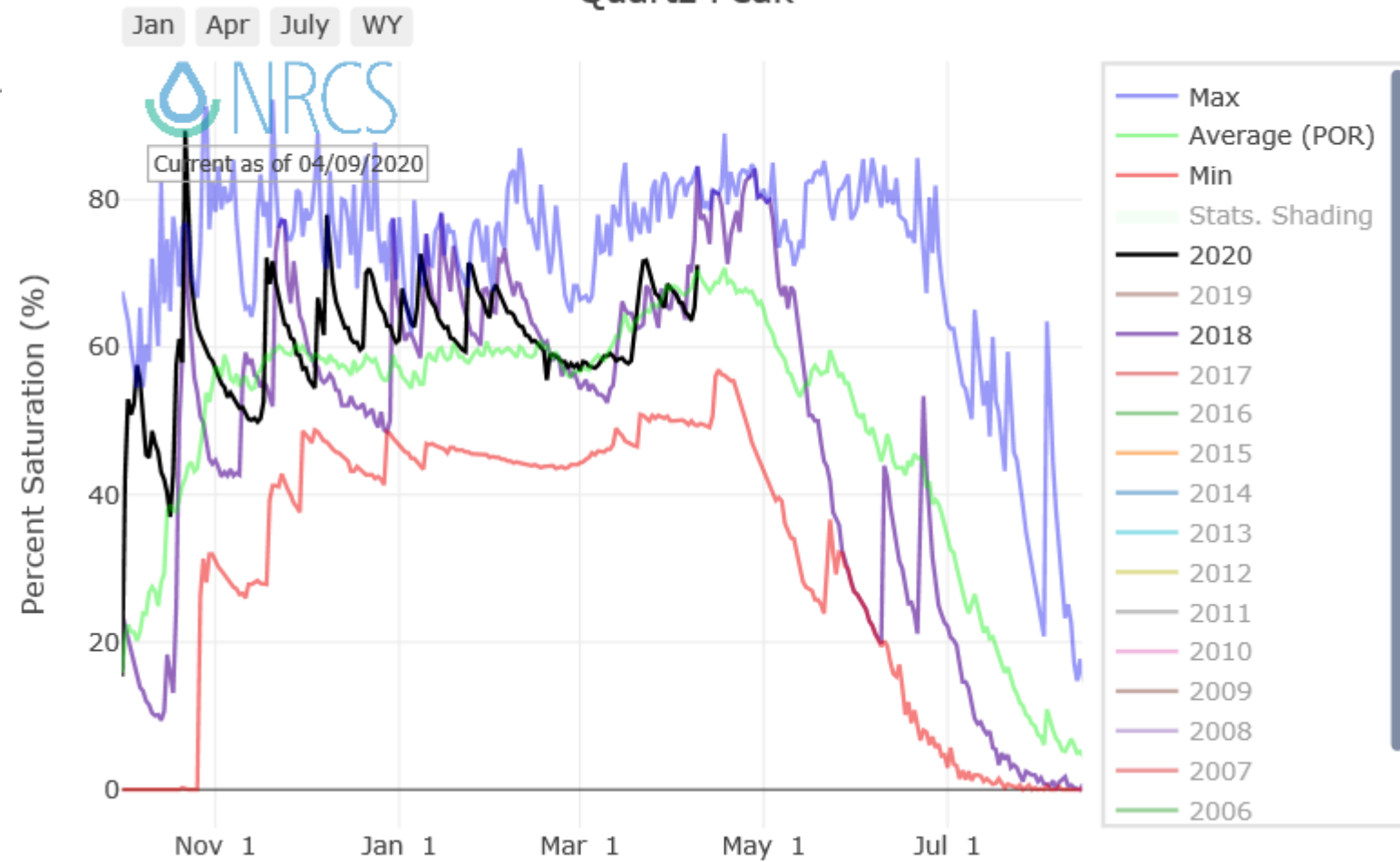
Snow Water Equivalent Projections in Spokane



Depth Averaged Soil Saturation at Lost Horse



Depth Averaged Soil Saturation at Quartz Peak



Summary

- Great snowpack just reaching peak:
 - Dense
 - Mature
- Dry March but good enough snow and cool enough to maint.
- Soil moisture adequate at most locations.
- Take home message:
 - Will take a lot of energy from sun and wind to begin melt