

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting - 11/09/2022
National Weather Service Forecast Office, Pittsburgh PA
 For the latest river and weather forecasts--<http://www.weather.gov/pittsburgh>

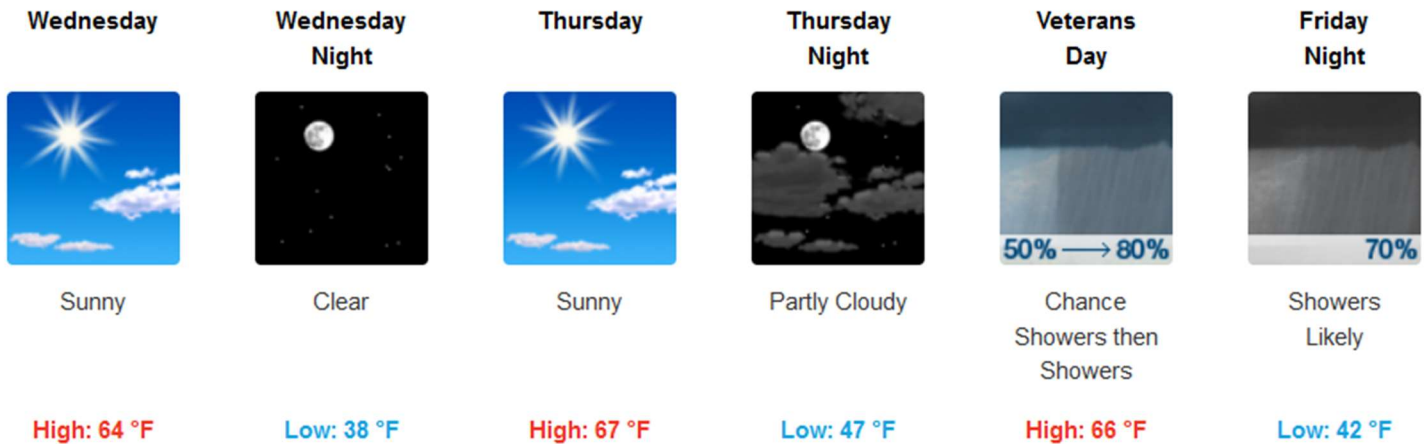
WEATHER RECAP

Both temperatures and precipitation were below average for the month of October.

<i>Location</i>	<i>Oct 2022 Precipitation</i>	<i>Departure (Inches)</i>
<i>Pittsburgh</i>	1.76	-1.07

<i>Location</i>	<i>Oct Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
<i>Pittsburgh</i>	50.7	-2.7	72 on Oct 24/25	32 on Oct 29

Pittsburgh Forecast:



OUTLOOK

This week: Seasonably warm conditions will persist until Friday. The remnants of Nicole may bring rain to the region coincident with a passing cold front.

Week of Nov 14th: Below average temperatures and precipitation expected.

Week of Nov 21st: Temperatures near or slightly below average and below average precipitation.

Week of Nov 28th: Temperatures near or slightly above average and precip near normal.

Outlook for December: Some model uncertainty. Precipitation near normal with temperatures near normal.

Winter Outlook: La Nina persists through much of the winter. This makes it the third winter in a row with La Nina conditions, getting the term 'Triple Dip' La Nina. The forecast projects wetter than average conditions for the Ohio Valley but a bit more uncertainty on whether we are on the warm side/cold side of the storm track (as depicted in the white area in the graphic below). At this point, we think snowfall could be slightly below normal.

HIGH WATER POTENTIAL

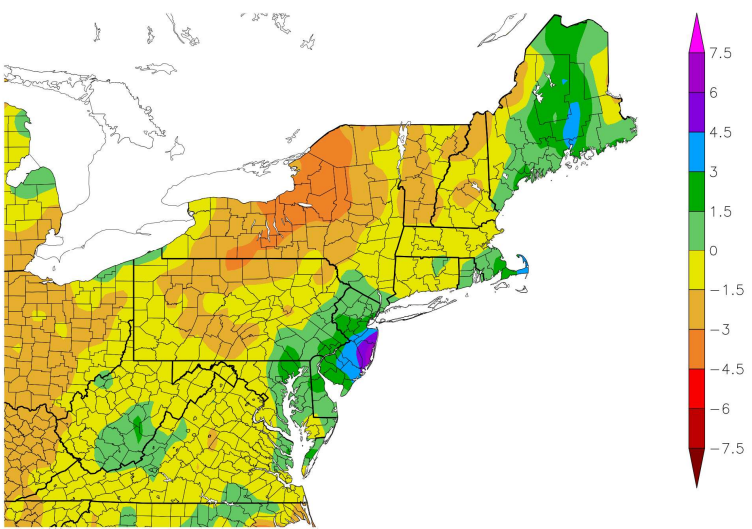
Streamflows are running near or below normal across the region. We will need 2.00 inches in 12 hours to get streams near bank full.

Average Yearly precipitation Pittsburgh: 39.61 inches. **In 2022: 36.66 (+2.46)**

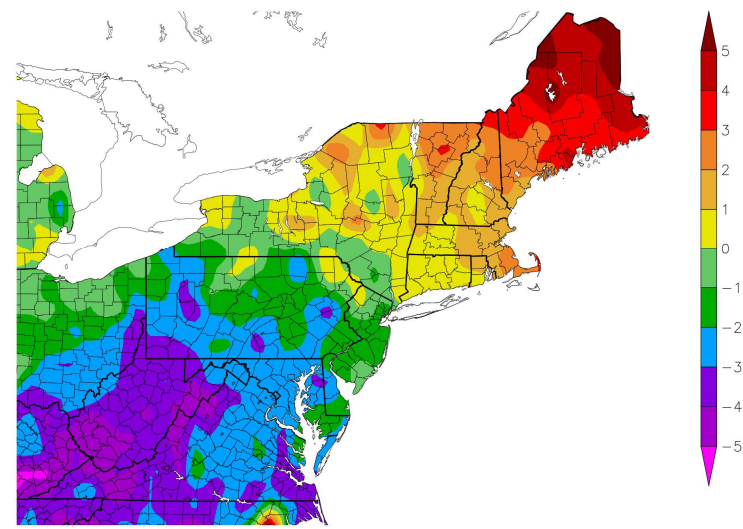
Totals for: **2022: 40.53" (+0.92)**; 2020: 39.33" (+1.14); 2019: 52.46" (+14.27); 2018: 57.83" (+19.64); 2017: 42.15"; 2016: 35.01"; 2015: 40.56"; 2014: 36.84"; 2013: 36.65"; 2012: 41.74"

Average Yearly snowfall Pittsburgh: 44.1 inches. **2022-2023:** T (-0.5); 2021-22: 44.8" (+0.7); 2020-21: 55.3" (+20.3); 2019-20: 21.7" (-19.6); 2018-19: 36.6" (-5.3); 2017-18: 59.8" (+17.9); 2016-17: 32.0" (-9.2), 2015-16: 29.6" (-12.3) 2014-15: 47.2"; 2013-14: 63.4"; 2012-13: 57"; 2011-12: 37"; 2010-11: 57"; 2009-10: 77"

Departure from Normal Precipitation (in)
10/1/2022 – 10/31/2022



Departure from Normal Temperature (F)
10/1/2022 – 10/31/2022

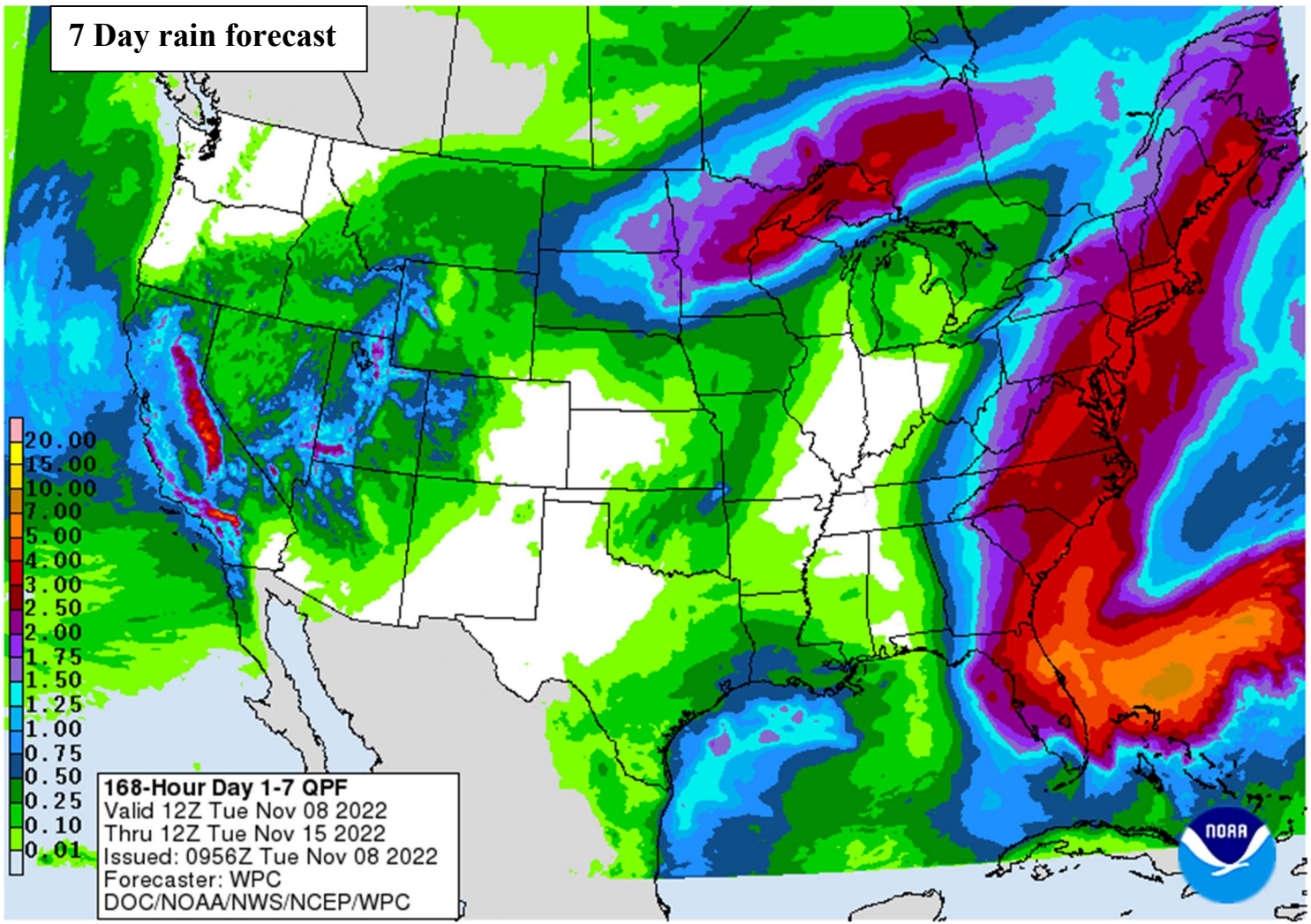


Generated 11/4/2022 at HPRCC using provisional data.

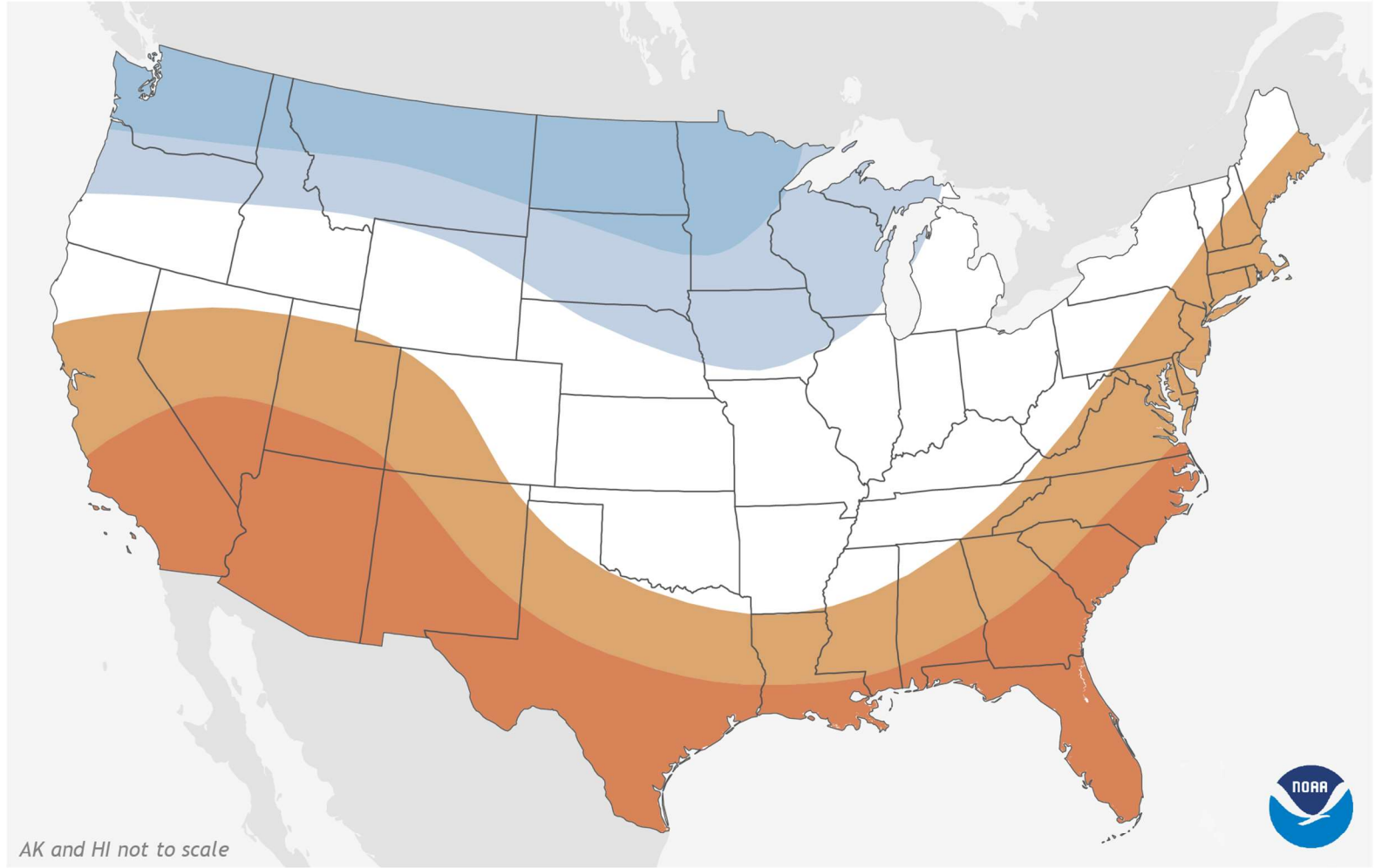
NOAA Regional Climate Centers 1/4/2022 at HPRCC using provisional data.

NOAA Regional Climate Centers

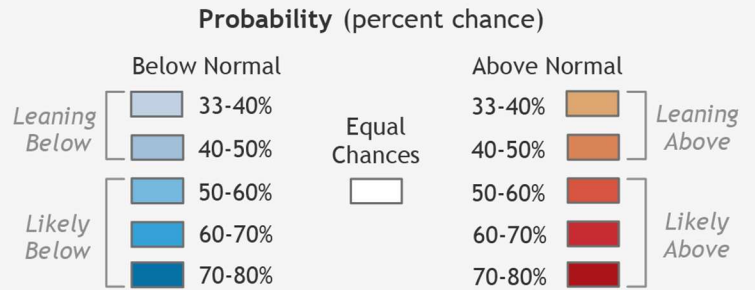
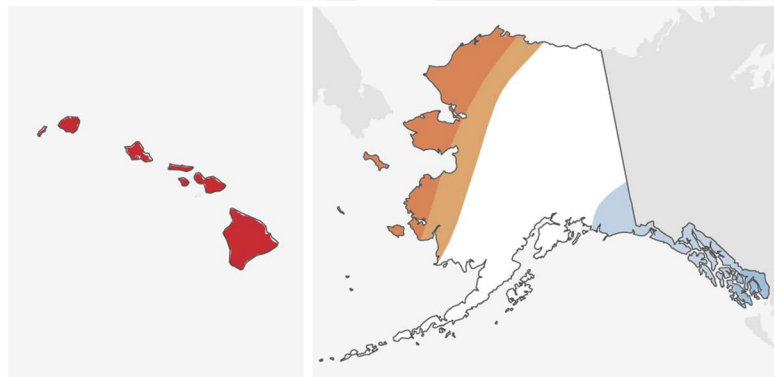
7 Day rain forecast



Winter 2022-23: U.S. Temperature Outlook



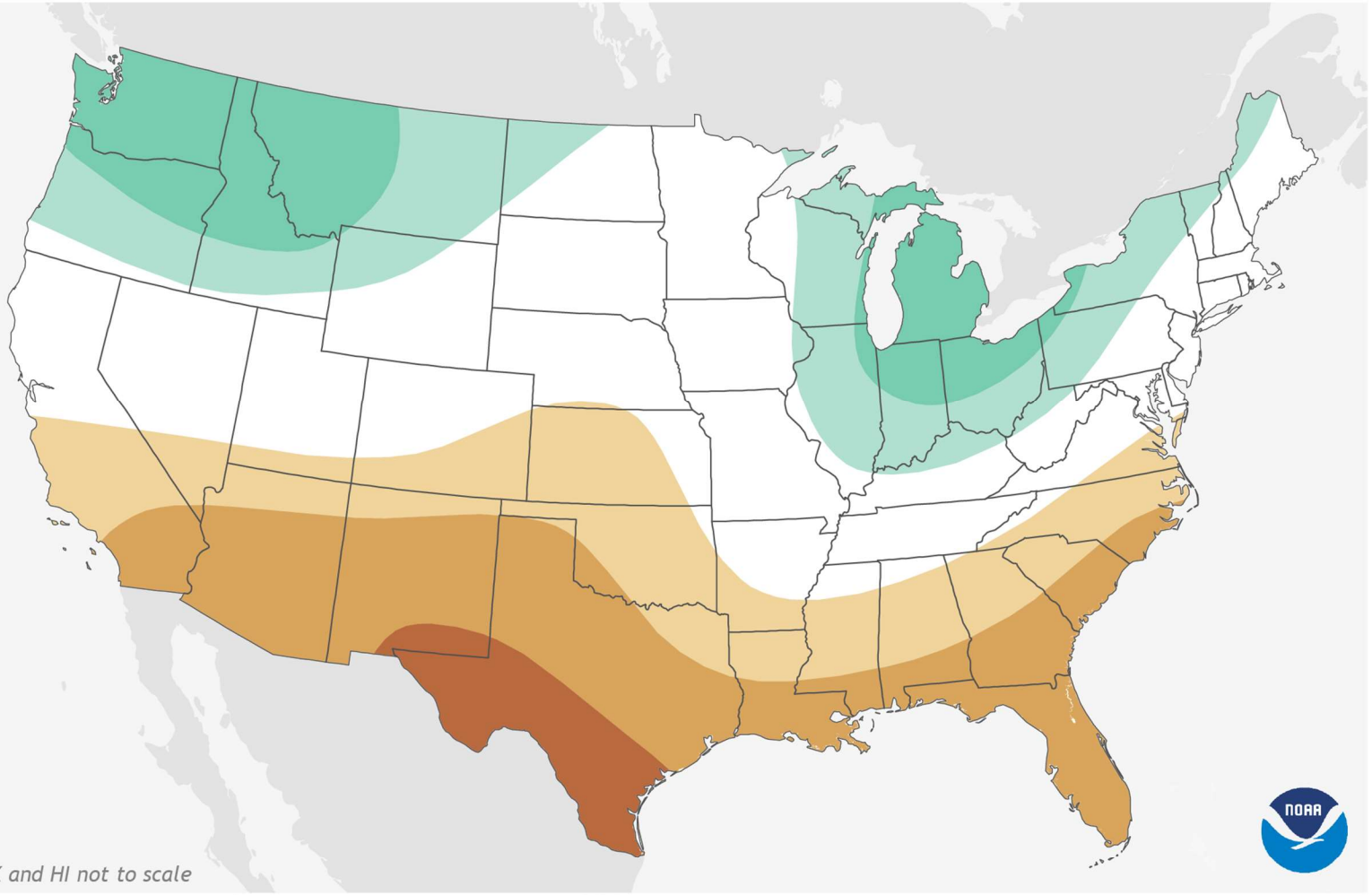
AK and HI not to scale



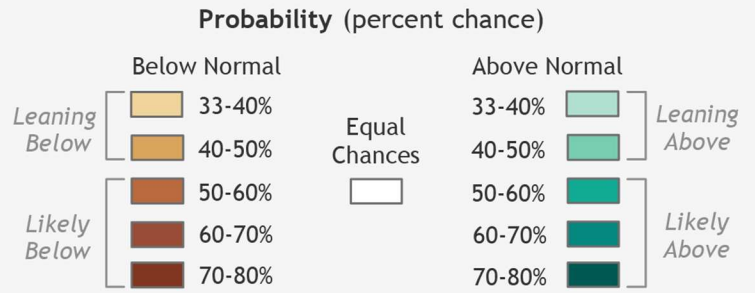
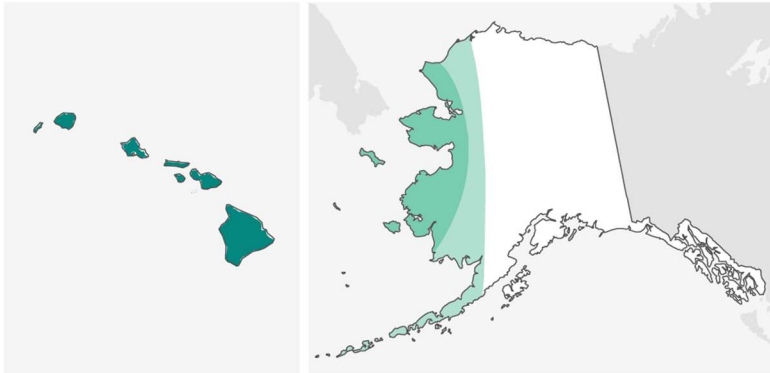
Temperature Outlook
for December 2022 - February 2023
Issued 26 October 2022

NWS Climate Prediction Center
Map by NOAA Climate.gov

Winter 2022-23: U.S. Precipitation Outlook



AK and HI not to scale



Precipitation Outlook
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