

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting - 01/11/2023

National Weather Service Forecast Office, Pittsburgh PA

For the latest river and weather forecasts--<http://www.weather.gov/pittsburgh>

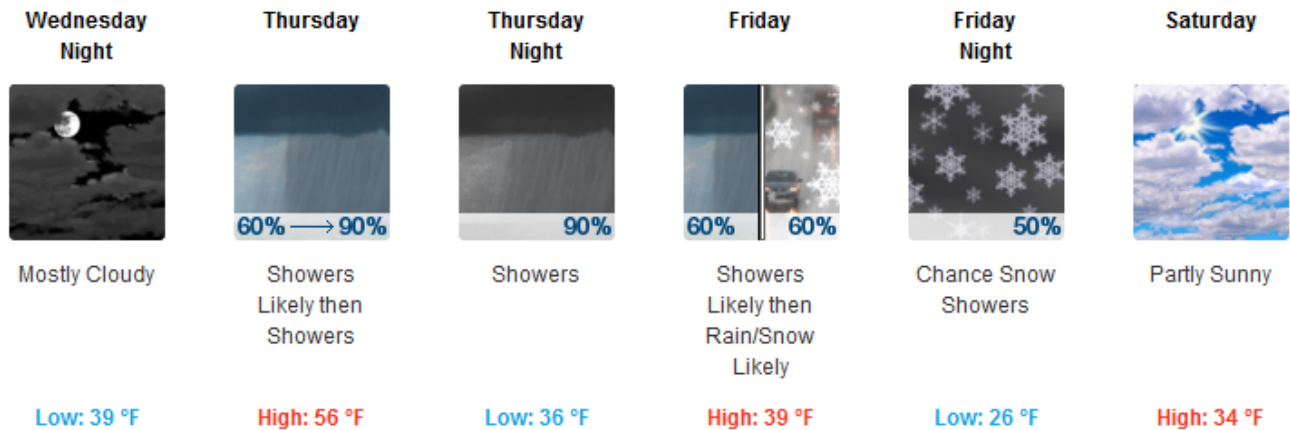
WEATHER RECAP

While December was below average for both precipitation and snowfall, the most noteworthy weather came near Christmas when a strong arctic front brought a combination of very cold temperatures, gusty wind, and snowfall. With 1 inch of snowfall on the ground the morning of the 25th, we officially had a White Christmas. River ice also developed on all major rivers and tributaries as a result of the very cold temperatures and gusty wind. A warmup at the end of the month then helped to rot much of the ice.

<i>Location</i>	<i>December 2022 Precipitation</i>	<i>Departure (Inches)</i>	<i>Dec Snowfall</i>	<i>Departure (Inches)</i>
<i>Pittsburgh</i>	1.76	-1.08	2.9	-4.8

<i>Location</i>	<i>Dec Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
<i>Pittsburgh</i>	33.0	-0.7	64 on Dec 30	-5 on Dec 23

Pittsburgh Forecast:



OUTLOOK

This week: Low pressure will bring rain showers to the region through the end of the week. Snow showers will be possible Friday into the weekend. Minimal accumulation expected at this time.

Week of Jan 16th: Above average temperatures and precipitation

Week of Jan 23rd: Above average temperatures and precipitation

Week of Jan 30th: Temperatures near or slightly below normal and precipitation near normal

Outlook for February: Precipitation in the Ohio Valley could be above normal. Temperatures near or slightly below normal.

Rest of Winter Outlook: Mild January leading to a cooler February. Snow likely to remain below normal for the season.

Prelim Spring Outlook: Could be cooler than normal through April. No strong precipitation signals at this time.

HIGH WATER POTENTIAL

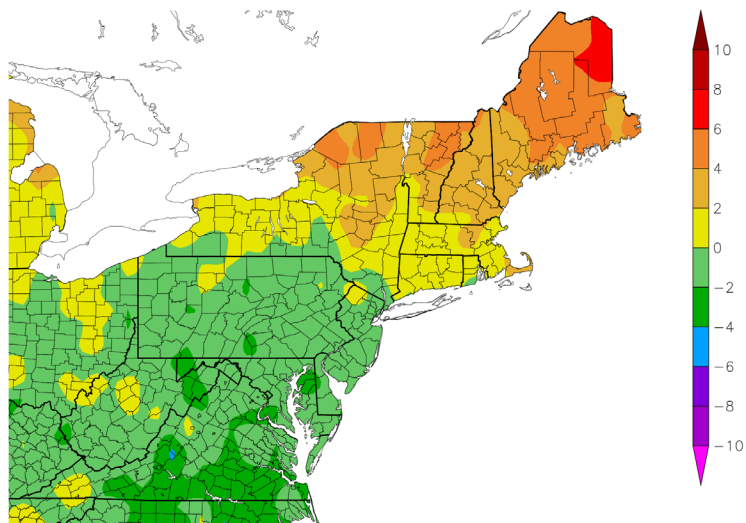
Streamflows are running near or above normal across the region. We will need 1.50-2.50 inches in 12 hours to get streams near bank full.

Average Yearly precipitation Pittsburgh: 39.61 inches. In 2023: 0.96 (+0.18)

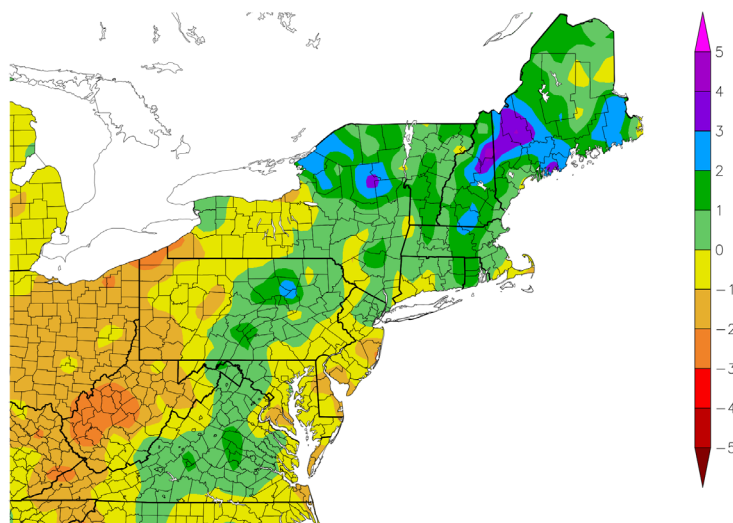
Totals for: 2022: 42.58" (+2.97); 2021: 40.53" (+0.92); 2020: 39.33" (+1.14); 2019: 52.46" (+14.27); 2018: 57.83" (+19.64); 2017: 42.15"; 2016: 35.01"; 2015: 40.56"; 2014: 36.84"; 2013: 36.65"; 2012: 41.74"

Average seasonal snowfall Pittsburgh: 44.1 inches. **In 2022-23: 6.2 (-7.3);** 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 Temperature (F)
12/1/2022 – 12/31/2022



Departure from Normal Precipitation (in)
12/1/2022 – 12/31/2022

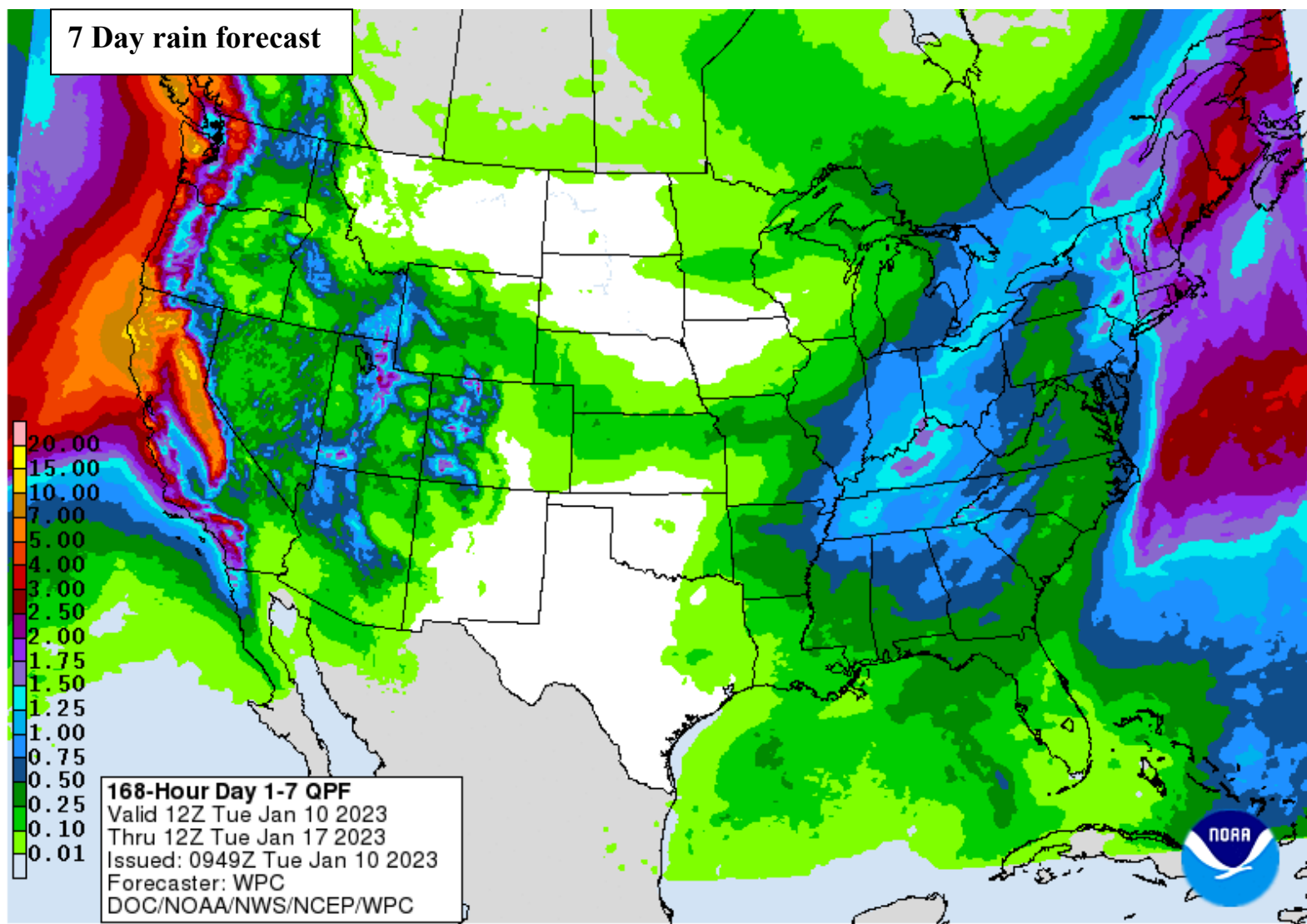


ed 1/6/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers ed 1/6/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain forecast



168-Hour Day 1-7 QPF
Valid 12Z Tue Jan 10 2023
Thru 12Z Tue Jan 17 2023
Issued: 0949Z Tue Jan 10 2023
Forecaster: WPC
DOC/NOAA/NWS/NCEP/WPC