

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting - 05/10/2023

National Weather Service Forecast Office, Pittsburgh PA

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

WEATHER RECAP

April was only slightly above average in temperature and slightly below average for precipitation for the month.

<i>Location</i>	<i>April 2023 Precipitation</i>	<i>Departure (Inches)</i>	<i>Apr Snowfall</i>	<i>Departure (Inches)</i>
<i>Pittsburgh</i>	2.18	-1.14	T	-1.0

<i>Location</i>	<i>Apr Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
<i>Pittsburgh</i>	52.8	+1.3	85 on Apr 5	27 on Apr 8

Pittsburgh Forecast:

Wednesday



Sunny

High: 72 °F

Wednesday
Night



Clear

Low: 48 °F

Thursday



Sunny

High: 80 °F

Thursday
Night



Partly Cloudy

Low: 52 °F

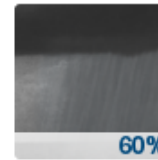
Friday



Partly Sunny
then Chance
Showers

High: 80 °F

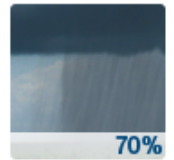
Friday
Night



Showers
Likely

Low: 60 °F

Saturday



Showers
Likely

High: 76 °F

OUTLOOK

This week: High pressure will keep the upper Ohio Valley dry with temperatures above normal. Precipitation chances return for the weekend, with greater probabilities toward eastern Ohio and northern West Virginia.

Week of May 15th: A few fast moving systems possible to start the week with cooler temperatures. Precipitation near normal.

Week of May 22nd: Precipitation projected to run below average during this time from with near or slightly below average temperatures.

Week of May 29th: Continued seasonal dry and cool temperatures to end the month.

Summer Outlook: See below...

HIGH WATER POTENTIAL

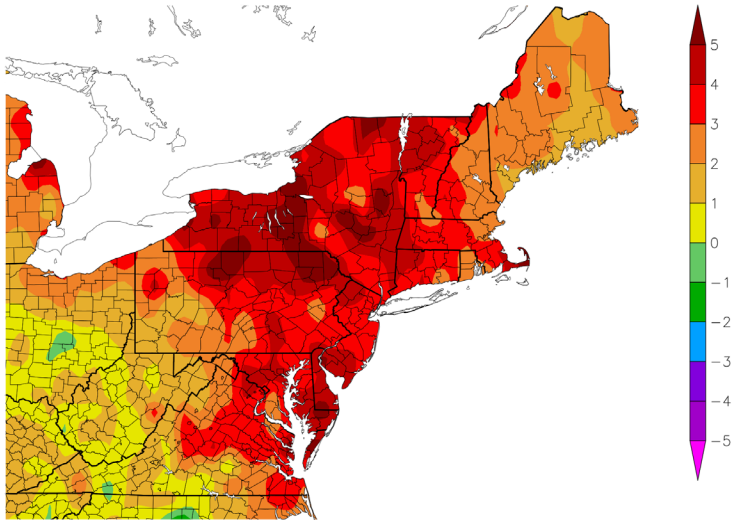
Streamflows are running near average in the Allegheny Basin and above average elsewhere across the region due to recent rainfall. We will need 1.00-2.00 inches in 12 hours to get streams near bank full.

Average Yearly precipitation Pittsburgh: 39.61 inches. **In 2023: 11.76 (-1.09)**

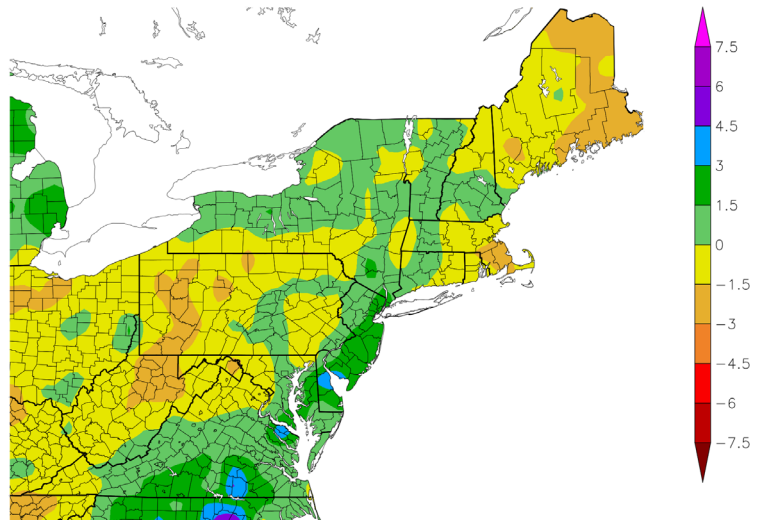
Totals for: 2022: 42.58" (+2.97); 2021: 40.53" (+0.92); 2020: 39.33" (+1.14); 2019: 52.46" (+14.27); 2018: 57.83" (+19.64); 2017: 42.15"; 2016: 35.01"; 2015: 40.56"; 2014: 36.84"; 2013: 36.65"; 2012: 41.74"

Average seasonal snowfall Pittsburgh: 44.1 inches. **In 2022-23: 17.6 (-26.5)**; 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 Temperature (F)
4/1/2023 - 4/30/2023



Departure from Normal Precipitation (in)
4/1/2023 - 4/30/2023

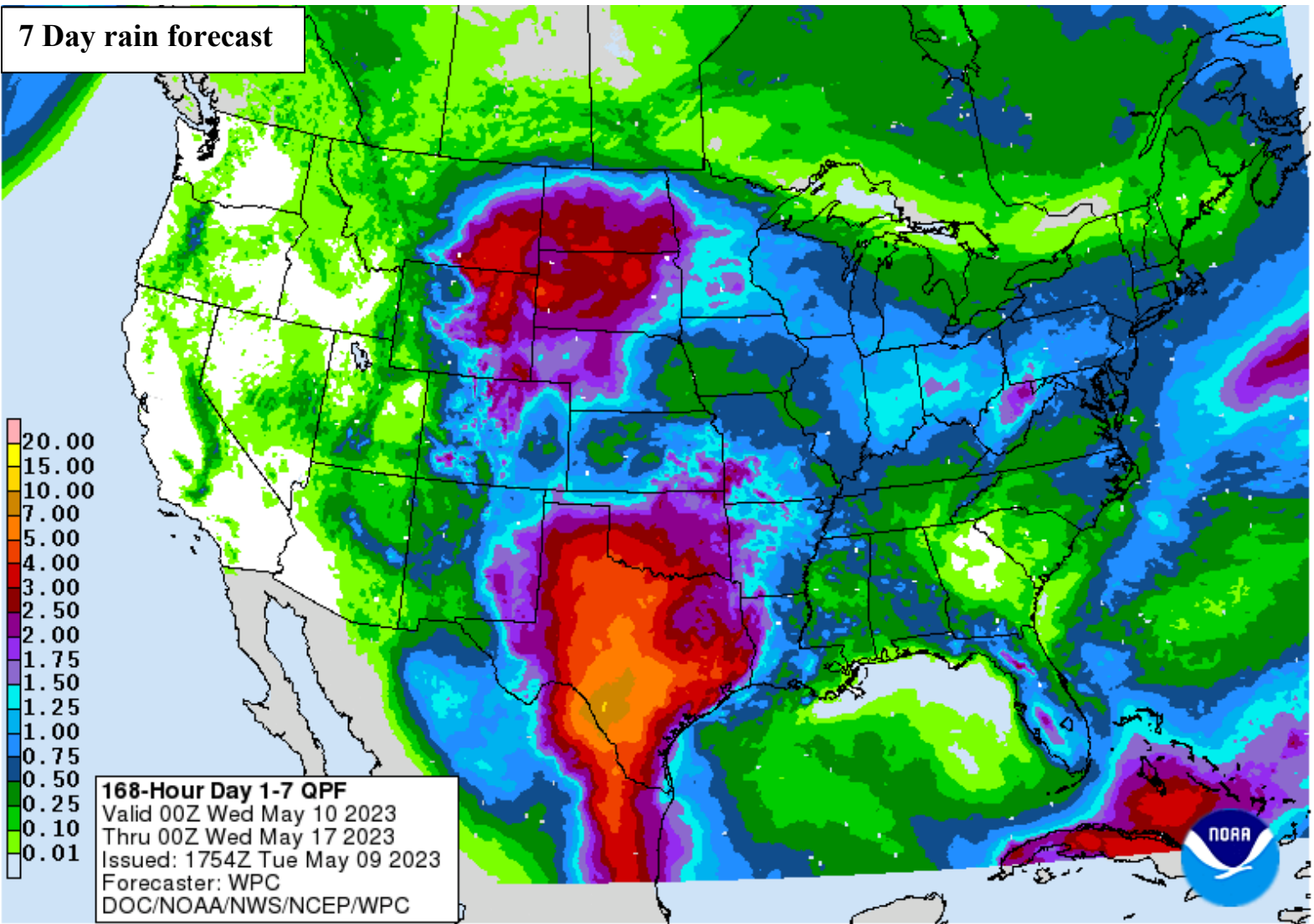


ed 5/6/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers ed 5/6/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain forecast



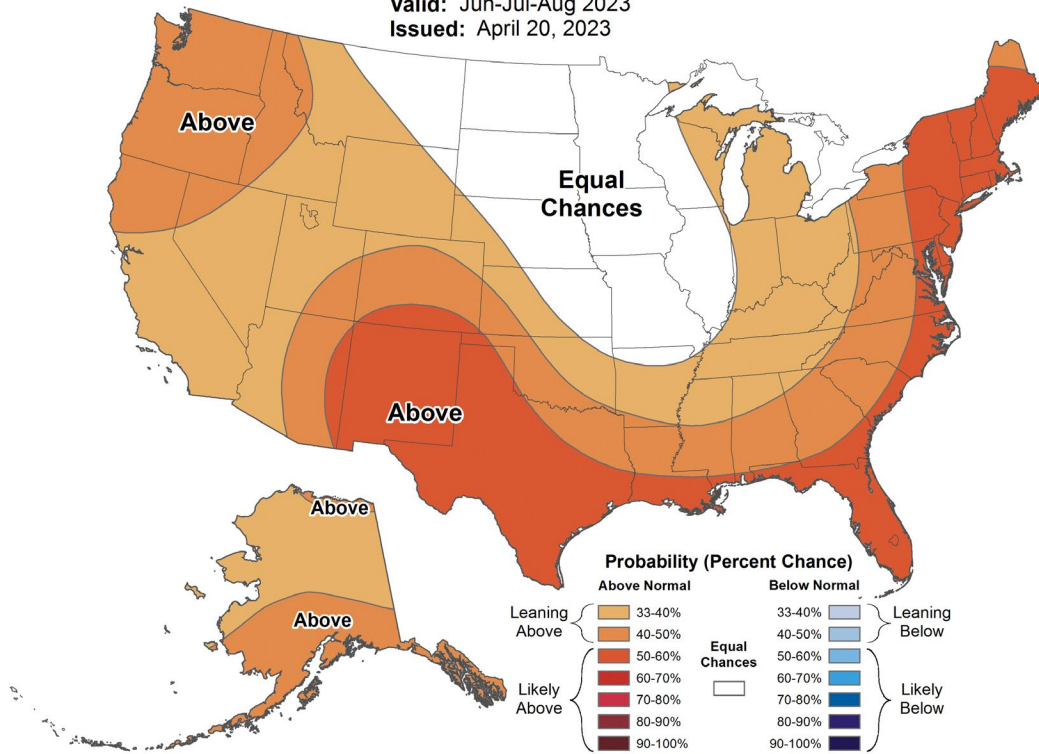
168-Hour Day 1-7 QPF
Valid 00Z Wed May 10 2023
Thru 00Z Wed May 17 2023
Issued: 1754Z Tue May 09 2023
Forecaster: WPC
DOC/NOAA/NWS/NCEP/WPC



Seasonal Temperature Outlook



Valid: Jun-Jul-Aug 2023
Issued: April 20, 2023



Seasonal Precipitation Outlook



Valid: Jun-Jul-Aug 2023
Issued: April 20, 2023

