

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting - 6/21/2023

National Weather Service Forecast Office, Pittsburgh PA

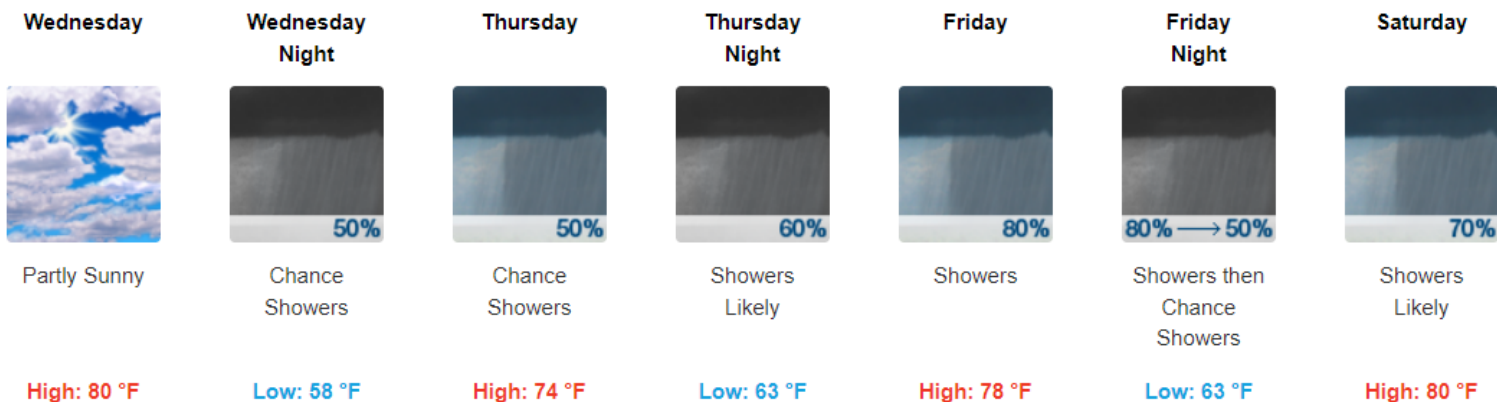
For the latest river and weather forecasts--<http://www.weather.gov/pittsburgh>

WEATHER RECAP

May was a rather dry and cool month. The bulk of the precipitation for the month came in the first week and a half, followed by a stretch of dry conditions. As a result and with dry conditions continuing through the beginning of June, we are experiencing some abnormally dry to moderate drought conditions.

Location	May 2023 Precipitation	Departure (Inches)	May Snowfall	Annual Snowfall
Pittsburgh	1.73	-2.10	T (0.0)	17.6(-26.5)

Location	May Average Temperature	Departure Degrees	Extreme High	Extreme Low
Pittsburgh	59.3	-1.9	85 on May 29	35 on May 5



OUTLOOK

This week: Lingering upper low will keep rain chances in the forecast for much of the week. Precipitation amounts range from 0.75 to near 3.00 inches with the highest amounts along the Allegheny mountains and points east. High pressure builds on Sunday.

Week of June 26th: Another system is expected to bring rain for the start of the week, followed by drier conditions for the latter half of the week. Temperatures will remain near or slightly below normal.

Week of July 3rd: Near normal temperatures and precipitation near or slightly above normal.

Rest of July: Temperatures will remain near or slightly below average with precipitation near or slightly above.

Outlook for August: Temperatures near normal with near or slightly below average precipitation.

Fall Outlook: Temperatures slightly above normal with precipitation near normal.

HIGH WATER POTENTIAL

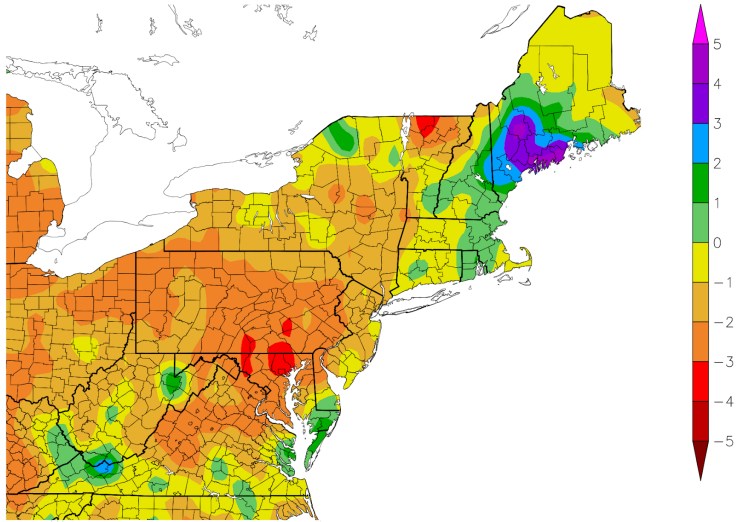
Streamflows are running near normal in the Mon and Ohio River basins and below normal in the Cheat and Allegheny basins. On average, we will need 2.50-3.00 inches in 12 hours to get streams near bankfull.

Average Yearly precipitation Pittsburgh: 39.61 inches. In 2023: 15.01 (-3.43)

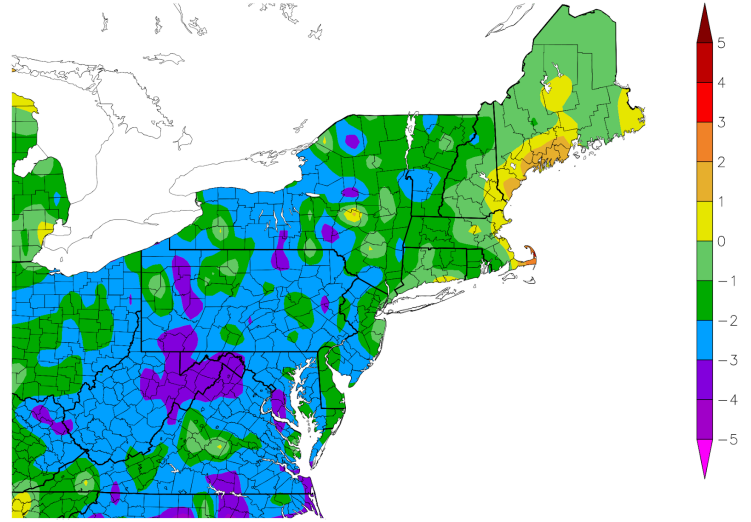
Totals for: 2022: 42.58" (+2.97); 2021: 40.53" (+0.92); 2020: 39.33" (+1.14); 2019: 52.46" (+14.27); 2018: 57.83" (+19.64); 2017: 42.15"; 2016: 35.01"; 2015: 40.56"; 2014: 36.84"; 2013: 36.65"; 2012: 41.74"

Average snowfall Pittsburgh (Nov- Apr): 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 Precipitation (in)
5/1/2023 – 5/31/2023



Departure from Normal Temperature (F)
5/1/2023 – 5/31/2023



Generated 6/20/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers 5/20/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

