

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting - 8/09/2023

National Weather Service Forecast Office, Pittsburgh PA

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

WEATHER RECAP

July was very close to normal with temperatures just slightly warmer and precipitation just a touch above 30 years values.

<i>Location</i>	<i>July 2023 Precipitation</i>	<i>Departure (Inches)</i>
Pittsburgh	4.68	+0.42

<i>Location</i>	<i>July Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
Pittsburgh	73.9	+0.7	91 on Jul 28	57 on Jul 22

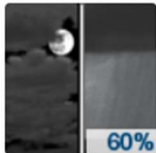
Wednesday



Sunny

High: 82 °F

Wednesday
Night



Mostly Cloudy
then Showers
Likely

Low: 65 °F

Thursday



Showers
Likely

High: 77 °F

Thursday
Night



Chance
T-storms then
Partly Cloudy

Low: 63 °F

Friday



Mostly Sunny

High: 82 °F

Friday
Night



Partly Cloudy

Low: 64 °F

Saturday



Mostly Sunny
then Chance
T-storms

High: 85 °F

OUTLOOK

This week: Two systems will bring rounds of showers and thunderstorms to the region Thursday and Saturday. High temperatures will be in the mid 80's with rainfall around 0.75 - 1.50 inches.

Week of August 14th: Relatively active pattern persists with near normal temperatures and precipitation above average.

Week of August 21st: Temperatures and precipitation near normal.

Week of August 28th: Temperatures slightly above average and near normal precipitation.

Outlook for September: Slight above average temperatures and near normal precipitation.

Fall Outlook: Precipitation near normal and near or slightly warmer temperatures.

Winter Outlook: El Nino conditions likely to continue into the winter months. Dry and Warm.

HIGH WATER POTENTIAL

Streamflows are running near normal across the region. On average, we will need 1.50-2.50 inches in 12 hours to get streams near bankfull.

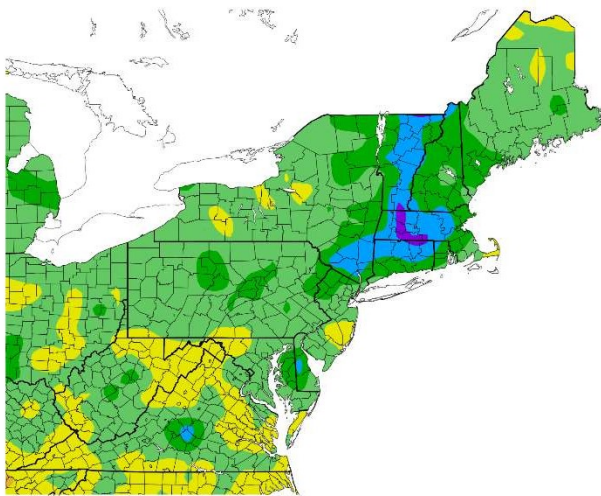
Average Yearly precipitation Pittsburgh: 39.61 inches. In 2023: 20.84 (-3.78)

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:

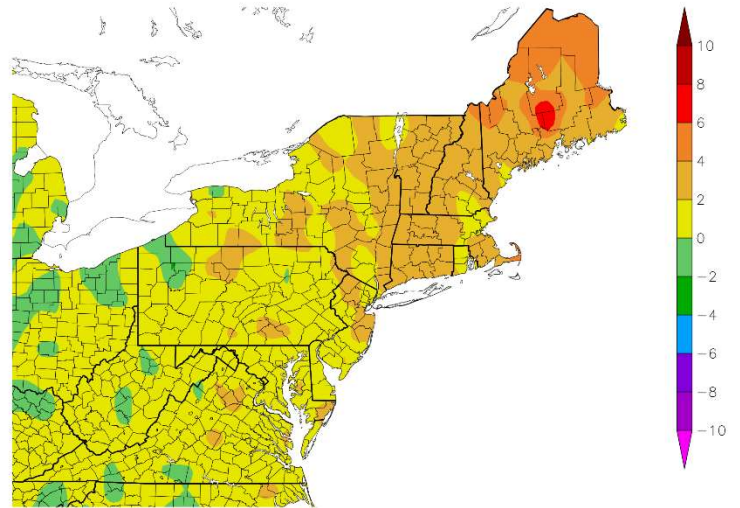
55.3" (+20.3); 2019-20: 21.7" (-19.6); 2018-19: 36.6" (-5.3); 2017-18: 59.8" (+17.9); 2016-17: 32.0" (-9.2), 2015-16: 29.6" (-12.3) 2014-15: 47.2"; 2013-14: 63.4"; 2012-13: 57"; 2011-12: 37"; 2010-11: 57"; 2009-10: 77"

Departure from Normal Precipitation (in)
7/1/2023 – 7/31/2023



Generated 8/4/2023 at HPRCC using provisional data.

Departure from Normal Temperature (F)
7/1/2023 – 7/31/2023



NOAA Regional Clmrt Generated 8/4/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain forecast

