

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting 5/12/2021

National Weather Service Forecast Office, Pittsburgh PA

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

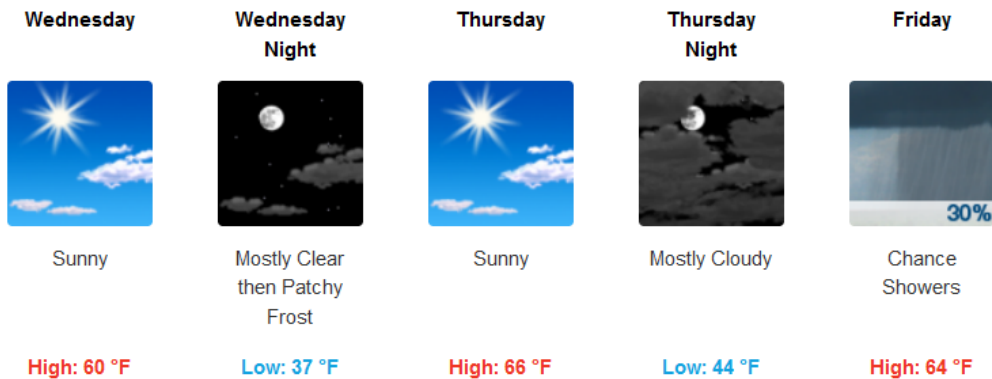
WEATHER RECAP

April was a rather average month with both the precipitation and average temperature only slightly below and above normal respectively.

<i>Location</i>	<i>Apr 2021 Precipitation</i>	<i>Departure (Inches)</i>	<i>Apr Snowfall</i>	<i>Seasonal Snowfall</i>
Pittsburgh	2.67	-0.44	2.4 (+0.9)	57.7(+16.4)

<i>Location</i>	<i>Apr Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
Pittsburgh	51.3	+0.4	82 on Apr 8 & 27	20 on Apr 20

Pittsburgh Forecast:



OUTLOOK

This week: High pressure will keep the region dry until the end of the week. Weak upper level disturbance will bring the chance for rain Fri and Sat. Temperatures will remain below seasonal averages. Precipitation is forecast to be less than 1.00 inch.

Week of May 17th: A warm-up is anticipated, with precipitation near or slightly above normal. Precipitation around 1.00.

Week of May 24th: Temperatures remain near or slightly above normal with near normal precipitation.

Outlook for June: Temperatures near normal with precipitation near or slightly above average.

Outlook for July: Temperatures above normal with near normal precipitation.

Preliminary Summer Outlook: La Nina conditions transition to ENSO Neutral. First glance looks to be very warm with near normal precipitation.

HIGH WATER POTENTIAL

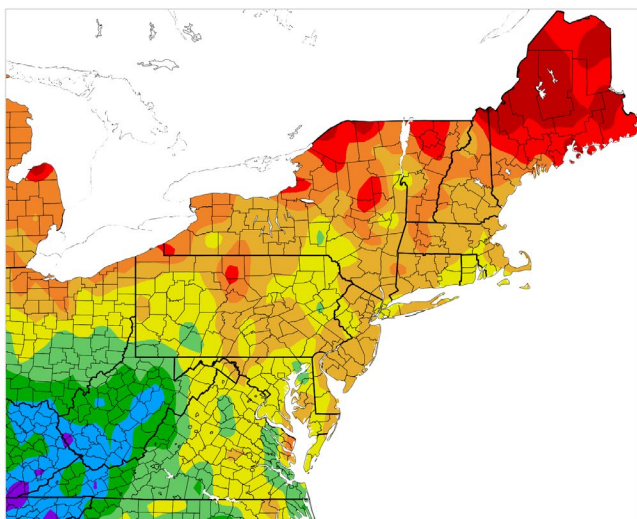
Streamflows are running above normal across the region due to recent rainfall. As such, it will take 1.50-2.00 inches in 12 hours to reach bankfull. Drier conditions this week should help to return streamflows to near normal.

Average Yearly precipitation Pittsburgh: 38.19 inches. **In 2021: 13.96 (0.88)**

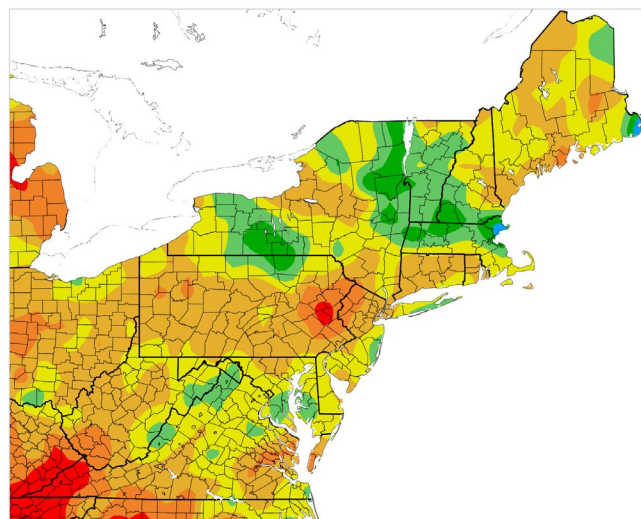
Totals for: **2020: 39.33" (+1.14)**; 2019: 52.46" (+14.27); 2018: 57.83" (+19.64); 2017: 42.15"; 2016: 35.01"; 2015: 40.56"; 2014: 36.84"; 2013: 36.65"; 2012: 41.74"

Average Yearly snowfall Pittsburgh: 41.9 inches. **2020-21: 57.7" (+13.6)**; 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)
4/1/2021 - 4/30/2021



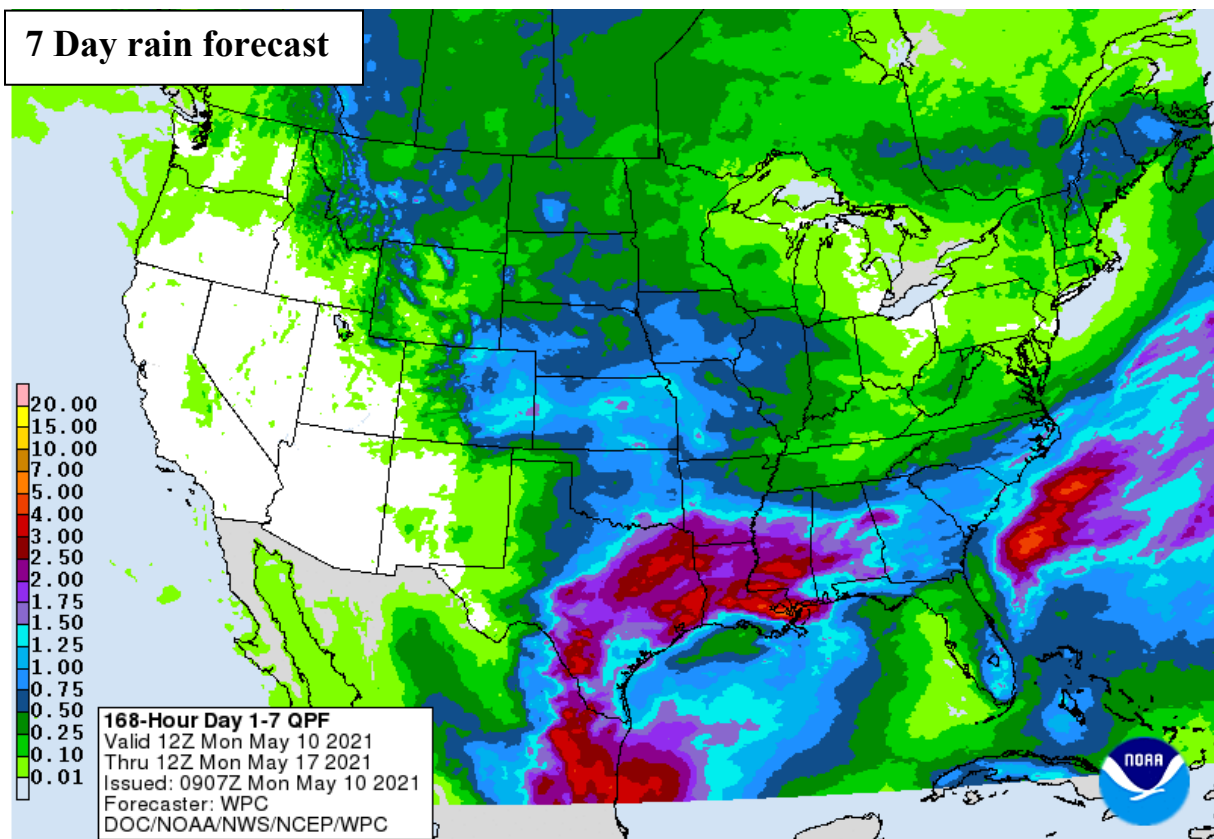
Departure from Normal Precipitation (in)
4/1/2021 - 4/30/2021



Generated 5/6/2021 at HPRCC using provisional data.

NOAA Regional Climate Centers 5/6/2021 at HPRCC using provisional data.

NOAA Regional Climate Centers



Preliminary Summer Outlook:

