

RIVER AND WEATHER CONDITIONS

Prepared for Waterways Association Meeting 06/13/2018
National Weather Service Forecast Office, Pittsburgh PA

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

WEATHER RECAP

May topped out as the third warmest (tied with 1944) May on record for Pittsburgh. Similar conditions were experienced across the entire Ohio valley. Rainfall was slightly below or right near average for the month, with higher amounts over the West Virginia Mountains, which did lead to higher flows on the Monongahela and the Cheat. While some areal flooding did occur, no river flooding was observed.

OUTLOOK

Week of Jun 11th: Shower and thunderstorms chances will increase late Tuesday and Wednesday with the approach and passage of a cold front. Some strong to severe storms are possible, with wind being the primary threat. Heavy rain will also be of concern for those locations that received several inches of rain over the weekend. After Wednesday, high pressure builds for the rest of the week(end).

Outlook for week of Jun 18: Temperatures will trend above normal for the start of the week, with highs potentially exceeding 90 through the first half of the week. Afternoon storms chances will be on the increase. Frontal passage midweek with a return to seasonal temperatures.

Outlook for week of Jun 25: Temperatures will trend closer to normal with near normal precipitation.

Outlook for July: Near normal to slightly above. Above average precipitation continues.

Outlook for August: Above average precipitation. Near normal temperature.

Outlook for September: Near normal Precipitation. Near normal temperature.

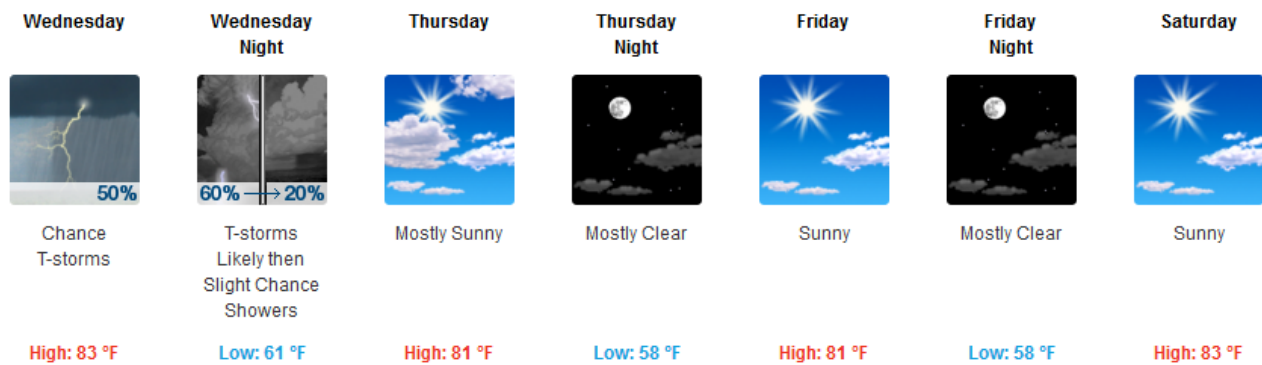
HIGH WATER POTENTIAL

High water potential is near normal. Saturated Soils will owe to some quick reactions on smaller tributaries but overall expect a minimum of 2.50 inch basin wide rainfall in 6 to 12 hours to bring rivers to bank full.

<i>Location</i>	<i>May 2018 Precipitation</i>	<i>Departure (Inches)</i>
Pittsburgh	2.83	-1.12

<i>Location</i>	<i>May Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
Pittsburgh	69.0	8.9	91 on May 29	43 on May 1

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average monthly precipitation	2.7	2.39	2.95	3.11	3.95	4.3	3.83	3.48	3.11	2.29	3.23	2.85	38.19
Average High Temperature	35.7	39.3	49.2	61.7	70.8	79.1	82.5	81.4	74.3	62.6	51.2	39.4	60.7
Average Low Temperature	21.1	23	30	40.2	49.3	58.4	62.8	61.5	54	42.9	34.7	25.3	42
Average monthly snowfall	11.8	10.3	7.6	1.5	0	0	0	0	0	0.4	2	8.3	41.9



8-14 Day Outlook... Temperatures above average. Above normal precipitation.

Jul-Aug-Sep Outlook... Summer starts to trend near average for temperature but wet weather continues through at least first half of July. Atlantic hurricane season is forecast near normal.

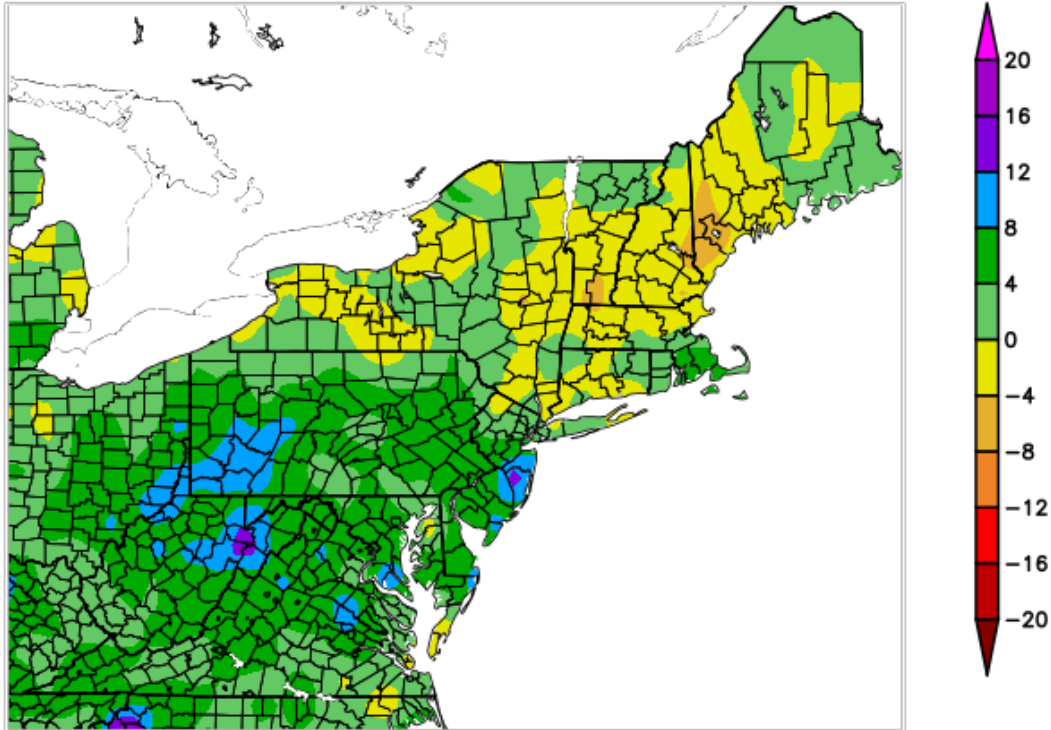
Oct-Nov-Dec Outlook... Oct and Nov warmer than normal with near average precipitation. Dec colder but near normal precip/snows.

Average Yearly rainfall Pittsburgh: 38.19 inches **In 2017:** 42.15(+3.96) **So Far in 2018:** 24.41 (+7.74)

Totals for: 2016: 35.01; 2015:40.56 2014: 36.84 2013: 36.65 inches; 2012: 41.74 inches; 2011: 44.24 inches

Average Yearly snowfall Pittsburgh: 41.9 inches. **2017-18:** 59.8(17.9); 2016-17 Season: 32.0(-9.2), 2015-16: 29.6 inches (-12.3) 2014-15: 47.2 in 2013-14: 63.4 in; 2012-13: 57 in; 2011-12: 37 in; 2010-11: 57 in; 2009-10: 77 in

Departure from Normal Precipitation (in) 1/1/2018 – 6/11/2018



Generated 6/12/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain forecast

