

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting 09/11/2019

National Weather Service Forecast Office, Pittsburgh PA

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

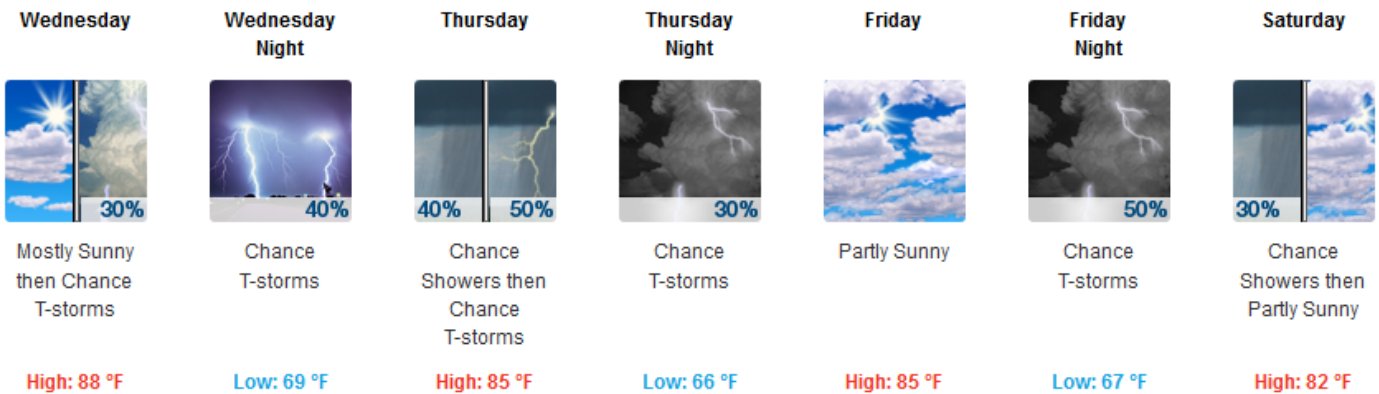
WEATHER RECAP

August was the first below average month, in regard to precipitation, since March 2019. Temperatures were very close to normal and we stayed just out of reach of 90 degrees, at least, at the airport. This ends what was a wet Meteorological Summer (15.79 inches; putting us in the top 10 wettest summers). The Seasonal average temperature, however, was right around normal.

<i>Location</i>	<i>August 2019 Precipitation</i>	<i>Departure (Inches)</i>
<i>Pittsburgh</i>	2.45	-1.03

<i>Location</i>	<i>Aug Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
<i>Pittsburgh</i>	71.9	+0.4	89 on Aug 18	53 on Aug 25

Pittsburgh Forecast:



OUTLOOK

Rest of the week: Warm temperatures in the mid-upper 80's. Chances for showers and thunderstorms Wed-Fri, before a weak cold frontal passage Fri night. Precipitation ~ 0.50-1.0 inches.

Week of Sept 16th: Warm temperatures persist. No strong signal for heavy precipitation. Atlantic remains active – will need to watch for development both near and far from the US (maybe Gulf).

Week of September 23rd: Temperatures returning to seasonal averages. Precipitation around normal.

Outlook for October: Temperatures near average and near normal precipitation.

Outlook for November: Temperatures slightly above average and precipitation below normal.

Oct-Nov-Dec Outlook... Temperatures will be slightly above normal with near normal precipitation.

Dec-Jan-Feb Outlook (Winter Outlook): Precipitation (snow) and temperatures above average (Warmth due to warm temps in December).

HIGH WATER POTENTIAL

Streamflows over the upper Ohio River basin are running near or below normal – especially as you head downstream on the Ohio. As a result, 3.00 inches of rainfall in 6-12 hours will be needed to bring river and streams to near bank full. Long Range projections are keeping the chance for river flooding low for the Monongahela, Allegheny, Youghiogheny, and upper Ohio.

	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

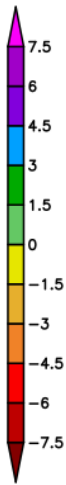
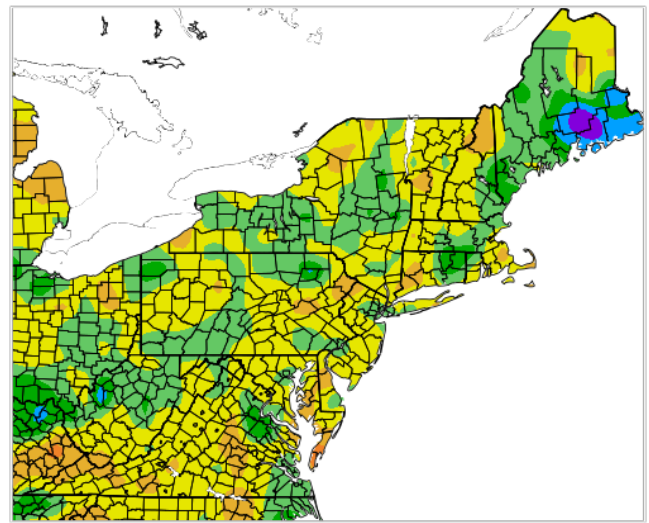
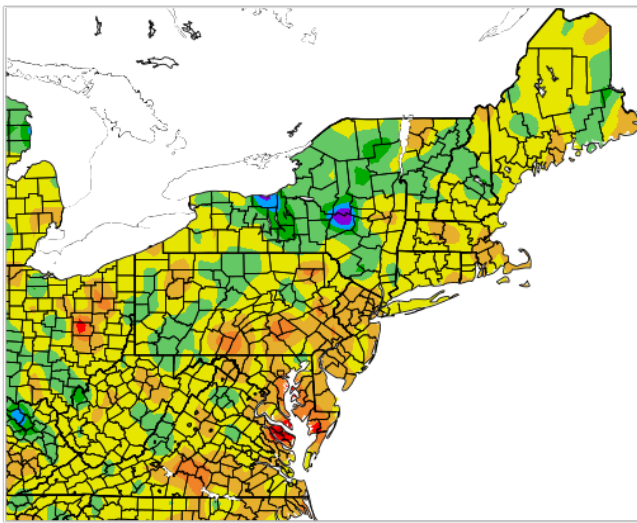
Average Yearly precipitation Pittsburgh: 38.19 inches. In 2019: 38.29" (+10.71)

Totals for: **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. 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)
8/1/2019 – 8/31/2019

Departure from Normal Precipitation (in)
8/1/2019 – 8/31/2019



Generated 9/6/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers 3/6/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain forecast

