

RIVER AND WEATHER CONDITIONS

Prepared for Waterways Association Meeting 08/8/2018
National Weather Service Forecast Office, Pittsburgh PA

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

WEATHER RECAP

After a rather active start to the month of July, precipitation and temperatures averaged around normal for western Pennsylvania, eastern Ohio, and northern West Virginia. The heaviest rain was actually focused over central Pennsylvania and Maryland as a result of a blocking high over the Atlantic and broad trough over the eastern US resulting in flash flooding.

OUTLOOK

Week of August 6th: Cold front passage Wednesday and again late Friday. Temperatures will remain near normal, in the low 80's for highs and 60's for lows, with afternoon shower and thunderstorm chances persisting. Precipitation around 1.50 inches.

Outlook for week of August 13: Upper trough will keep temperatures near, if not cooler than average through the middle of the week, with some warming toward the end. Daily chances for showers will continue. Precipitation around 1.00 inch.

Outlook for week of August 20: Eastern US toughing persists. Temperatures near normal with near normal rainfall. Precipitation less than 1.00 inch

Outlook for September: Near normal temperatures with near normal precipitation.

Outlook for October: Near to slightly above normal temperatures. Near normal precipitation.

Outlook for November: Dry conditions, precipitation may be below normal. Near normal temperatures.

HIGH WATER POTENTIAL

The high water potential is near normal as flows on area rivers and streams are running close to or slightly below average. 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>July 2018 Precipitation</i>	<i>Departure (Inches)</i>
<i>Pittsburgh</i>	3.96	+0.13

<i>Location</i>	<i>July Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
<i>Pittsburgh</i>	73.5	0.9	93 on Jul 4	55 on Jul 8

	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

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
Slight Chance Showers then T-storms Likely	T-storms Likely then Chance Showers	Partly Sunny	Partly Cloudy	Chance Showers then Chance T-storms	Chance T-storms then Chance Showers	Chance Showers then Chance T-storms	Mostly Cloudy	Chance Showers then Chance T-storms
High: 82 °F	Low: 67 °F	High: 83 °F	Low: 67 °F	High: 83 °F	Low: 66 °F	High: 81 °F	Low: 65 °F	High: 81 °F

8-14 Day Outlook... Temperatures may be just slightly above normal toward the end of next week. Close to normal precipitation.

Sep-Oct -Nov Outlook...No strong signals. Appears that it will be a rather normal fall with seasonally appropriate precipitation. Could be a dry November.

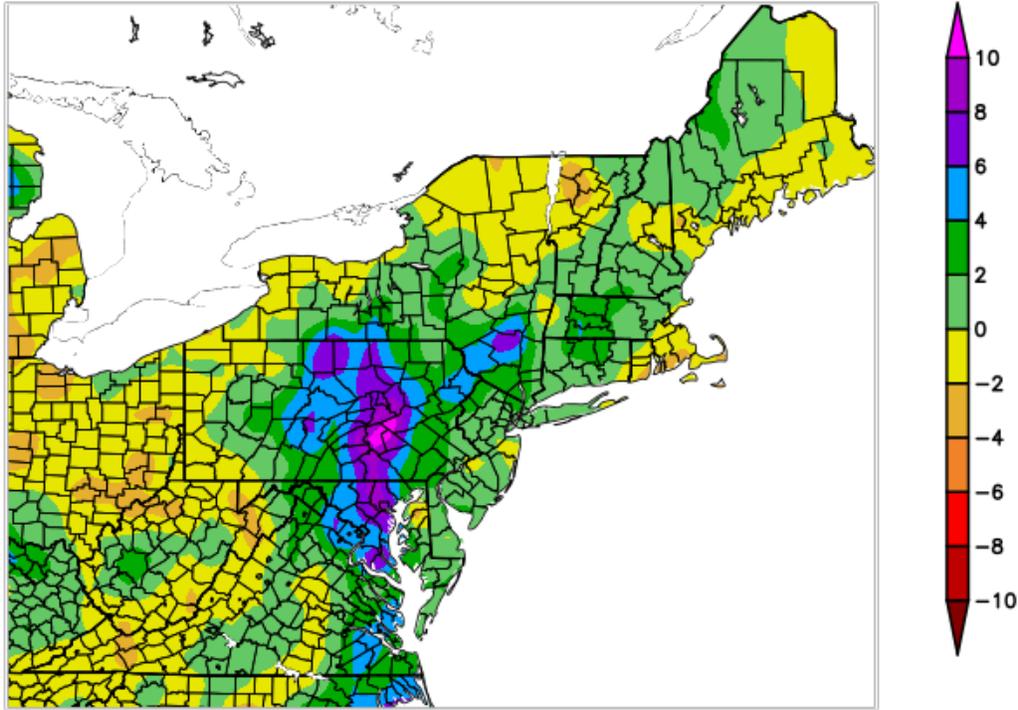
Dec-Jan-Feb (Winter Outlook)... El Niño watch issued. May lead to below average snowfall depending on strength

Average Yearly rainfall Pittsburgh: 38.19 inches **In 2017:** 42.15(+3.96) **So Far in 2018:** 31.77 (+7.71)

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

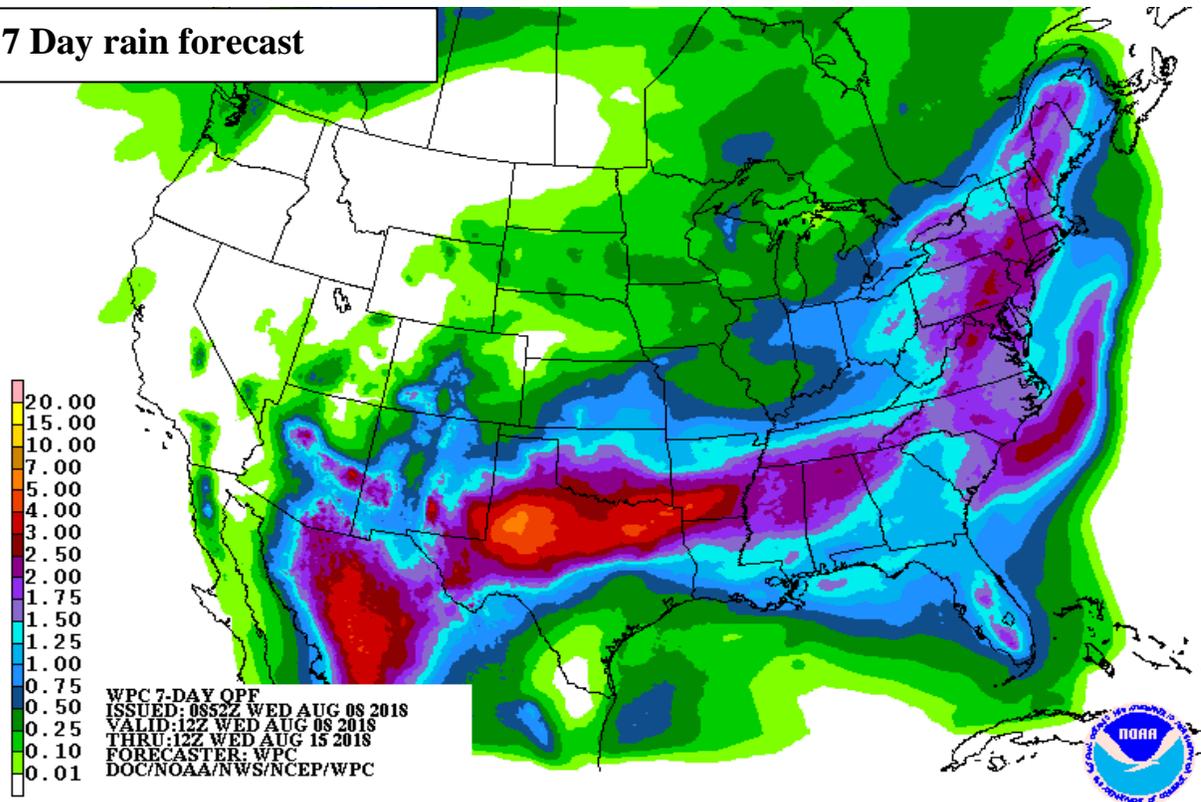
Departure from Normal Precipitation (in) 7/1/2018 – 7/31/2018



Generated 8/6/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain forecast



Western Pennsylvania Temperature Forecast August-September 2018

