

RIVER AND WEATHER CONDITIONS

Prepared for Waterways Association Meeting 03/14/2018
National Weather Service Forecast Office, Pittsburgh PA

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

WEATHER RECAP

February was a very active month for the Upper Ohio valley, as several systems brought heavy rain to the region. The first in the series brought heavy rain and thunderstorms across central Ohio, the northern West Virginia pan-handle, and western Pennsylvania with basin average amounts up to 2-3 inches. This resulted in flooding on several of the Area Rivers and smaller tributaries after an already soggy January. Crests on some of the local rivers were the highest they have been in over 13 years, including the Ohio River at Pittsburgh, which crested at 27.5 feet. Additional flood stats will be documented below.

Due to these events, this month was the wettest February on record for the Pittsburgh area, with 7.04 inches of precipitation recorded. The 24 hour total of 1.79 inches now ranks as the 3rd highest daily precipitation total for the month of February. In addition a record high temperature of 78 degrees on the 20th was also the warmest temperature ever recorded for the month of February. This data dates back to 1871.

RIVER ICE

The river ice threat has passed for another season.

OUTLOOK

Week of March 12th: Temperatures will remain cool with periods of light snow. A warm up is expected over the weekend with dry weather.

Outlook for week of March 19: Above average temperatures and slightly above normal precipitation.

Outlook for week of March 26: Temperatures will trend closer to above average with above average precipitation.

Outlook for April: Below average temperatures for most of month, trending to above average temperatures toward end of the month. Above average precipitation is expected.

Outlook for May and June: Temperatures will begin trending toward normal. Precipitation is expected to be much above normal.

Summer Outlook: Analogs say after a cool early winter, temperatures trend near or below normal for the summer. May be like summer 2014.

HIGH WATER POTENTIAL

We will experience a less active pattern through the rest of the month, though no major precipitation events are currently expected. High water potential will remain elevated for the next couple of weeks.

<i>Location</i>	<i>Feb 2018 Precipitation</i>	<i>Departure (Inches)</i>
<i>Pittsburgh</i>	7.04 (Record)	+4.65

<i>Location</i>	<i>Feb Average Temperature</i>	<i>Departure Degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
<i>Pittsburgh</i>	38.8	+7.7	78 on Feb 20	10 on Feb 3

	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

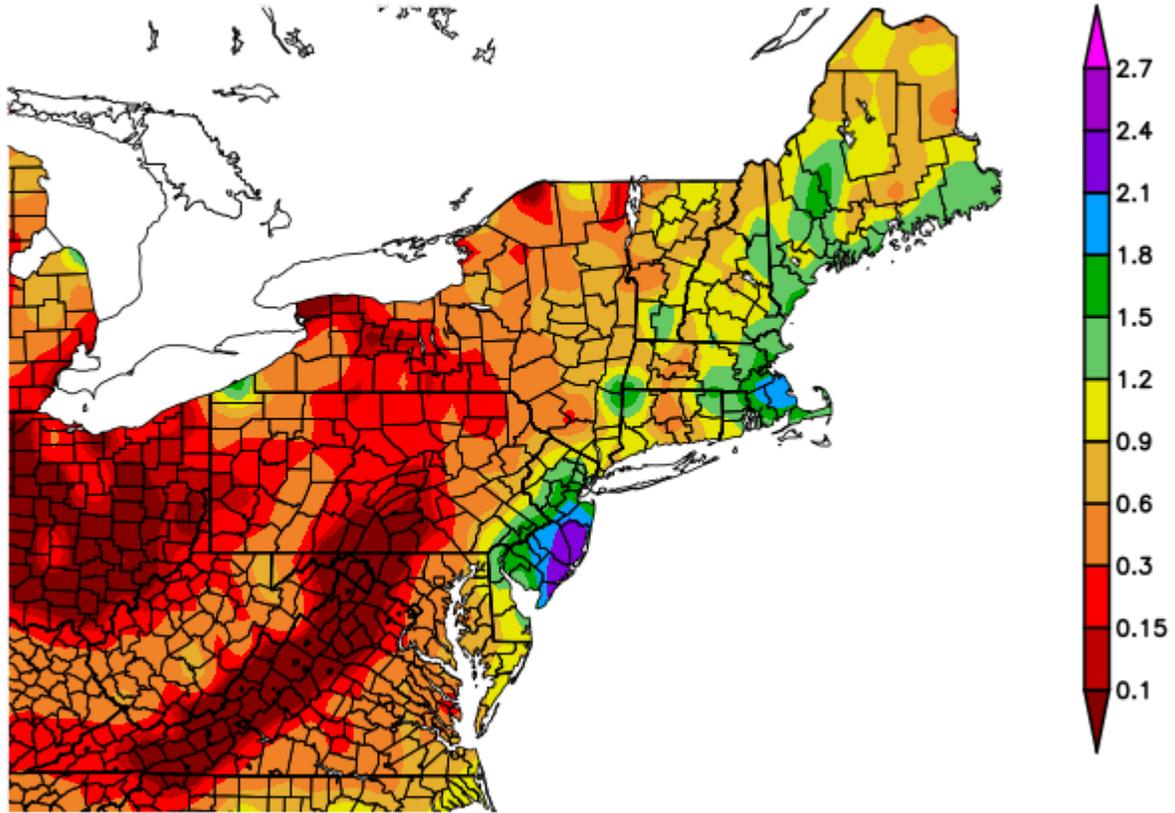
Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
40%		30%	30%					
Scattered Snow Showers	Mostly Cloudy	Chance Snow Showers	Chance Snow Showers	Partly Sunny	Mostly Clear	Mostly Sunny	Partly Cloudy	Mostly Sunny
High: 31 °F	Low: 28 °F	High: 40 °F	Low: 24 °F	High: 34 °F	Low: 21 °F	High: 44 °F	Low: 25 °F	High: 50 °F

Average Yearly rainfall Pittsburgh: 38.19 inches **In 2017:** 42.15(+3.96) **So Far in 2018:** 12.03 (+5.87)

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. **So far for 2017-18:** 41.5(+4.9); 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

Precipitation (in) 3/5/2018 – 3/11/2018



Generated 3/12/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain/snow forecast

