

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

The first week of March was active for the Upper Ohio valley, as high water from the end of February carried over. Precipitation for the month was near normal for the first time this calendar year while temperatures were well below normal.

Precipitation for the Pittsburgh area was 2.96 inches and was 0.01 inches above The 24 hour total of 0.67 inches on the 29th was the highest 24 hour rainfall for the month. There was 12.3 inches of snowfall during the month of March with the greatest 24 hour snowfall of 8.7 inches on the 21st. The greatest amount of snow on the ground during the month was 6 inches on the 22nd.

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.

Location	Mar 2018 Precipitation	Departure (Inches)
Pittsburgh	2.96	+0.01

Location	Mar Average Temperature	Departure Degrees	Extreme High	Extreme Low
Pittsburgh	34.8	-4.8	62 on Mar 29	17 on Mar 10

	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

Extended Forecast for Pittsburgh PA

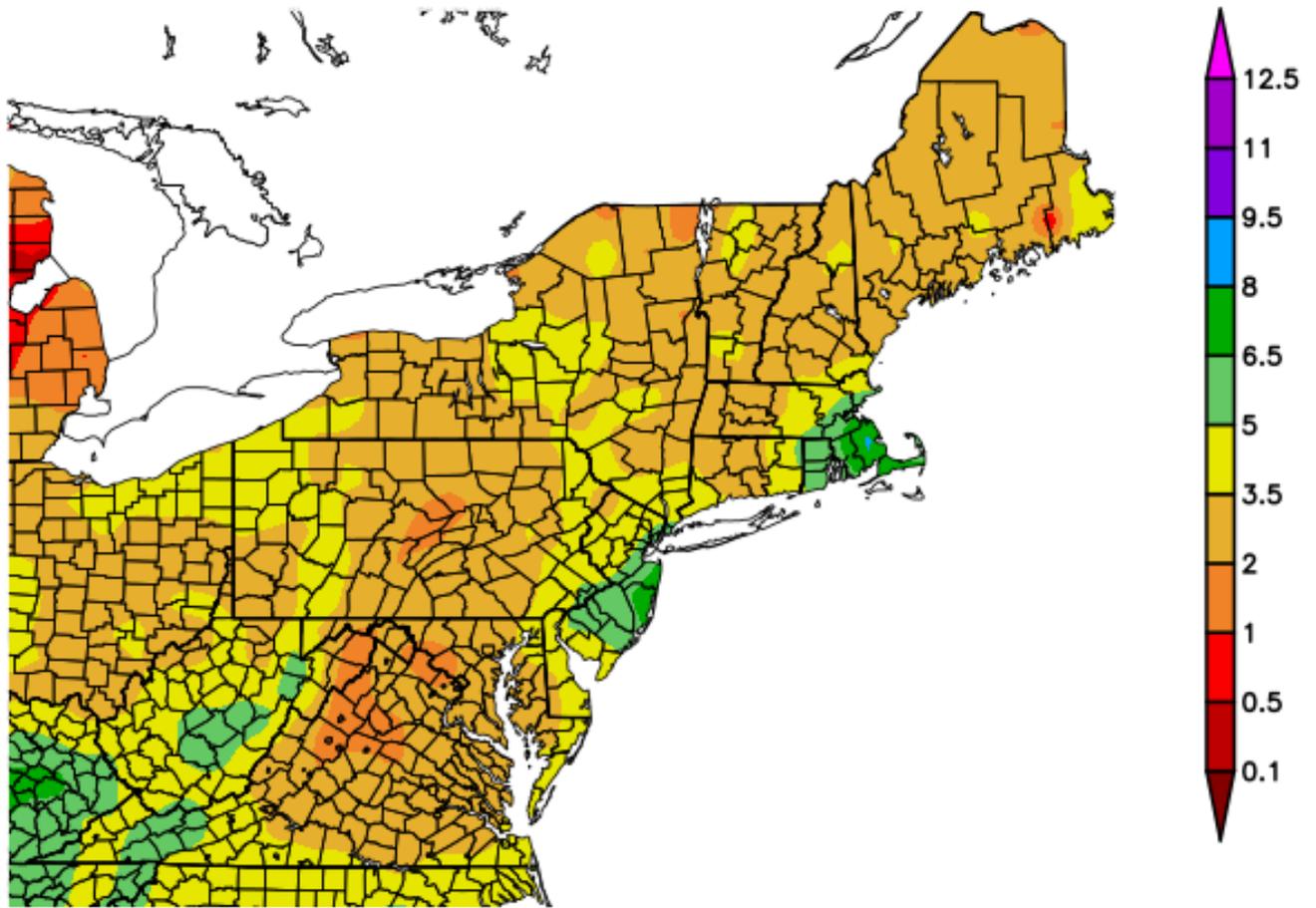
Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
Partly Sunny	Mostly Cloudy	Slight Chance Rain then Partly Sunny	Mostly Cloudy	Mostly Sunny	Partly Cloudy	Partly Sunny	Chance Rain	Showers Likely
High: 53 °F	Low: 44 °F	High: 69 °F	Low: 52 °F	High: 75 °F	Low: 57 °F	High: 76 °F	Low: 59 °F	High: 69 °F

Average Yearly rainfall Pittsburgh: 38.19 inches **In 2017:** 42.15(+3.96) **So Far in 2018:** 16.25 (+7.18)

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:** 58.8(+17.6); 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) 3/1/2018 – 3/31/2018



Generated 4/6/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

7 Day rain/snow forecast

