

## RIVER AND WEATHER CONDITIONS

Prepared for Waterways Association Meeting 3/13/2013  
National Weather Service Forecast Office, Pittsburgh PA  
For the latest river and weather forecasts--<http://www.weather.gov/pittsburgh>

### WEATHER RECAP

February 2013 temperatures were below normal. Precipitation was below normal. A total of 16.3 inches of snow fell in February. The normal amount of snowfall is 10.2 inches.

	<i>February 2013 Precipitation</i>	<i>Departure (Inches)</i>	<i>February Snowfall</i>	<i>Yearly Snowfall</i>
<b>Pittsburgh</b>	2.13	-0.26	16.3 (+6.1)	42.2 (+9.7)

	<i>February Average Temperature</i>	<i>Departure degrees</i>	<i>Extreme High</i>	<i>Extreme Low</i>
<b>Pittsburgh</b>	28.7	-2.4	60 (Feb 11)	7 (Feb 2, 18)

### RIVER CONDITIONS RECAP

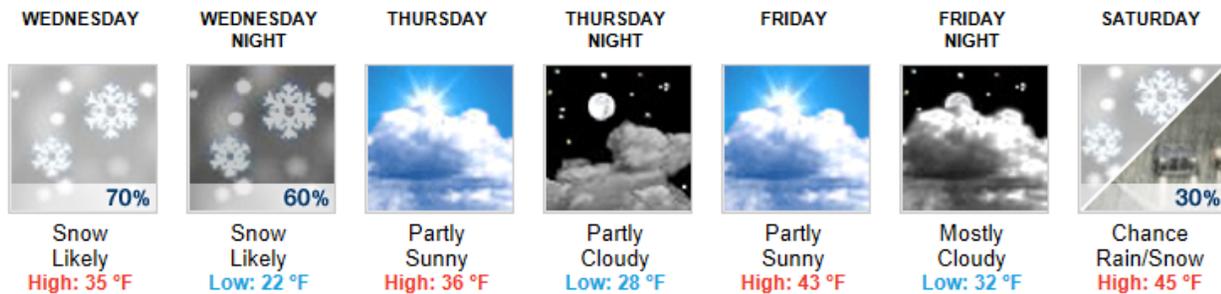
Several small rainfall/snowfall events did not bring any significant river rises in February. Several short lived warm-ups kept the snow water equivalents in the mountain areas slightly below normal for February. No river ice was reported on the major rivers.

### HIGH WATER POTENTIAL

For this time of the year, flows on the Allegheny are 40% of normal, the Monongahela 80%, and the Ohio 50%. A minimum of 1.50 inches basin wide rainfall in 6 to 12 hours is needed to bring rivers to bank full. High water potential is above normal. Current snow cover in the mountains areas and associated snow water equivalent are actually below normal.

After reaching 71 degrees on March 10 in Pittsburgh...the outlook through the end of March suggests cooler than normal temperatures through March 20 then a return to spring like temperatures for the remainder of March. The storm track will be active but the may bring more precipitation to Ohio and areas of the mid-west rather than the Pittsburgh area.

### WEATHER FORECAST



**8-14 Day Outlook...** Below normal temperatures and above normal precipitation.

**30 Day Outlook...** Normal temperatures and above normal precipitation.

**Mar-Apr-May Outlook...** Above normal temperatures and normal precipitation

**May-Jun-Jul Outlook...** Above normal temperatures and normal precipitation

**Jul-Aug-Sep Outlook...** Above normal temperatures and near normal precipitation

**Average Yearly snowfall Pittsburgh:** 41.9 inches **So far in 2012-2013:** 49.6 inches

2011-12: 37 inches

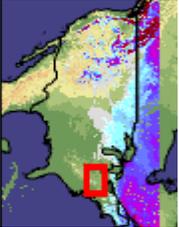
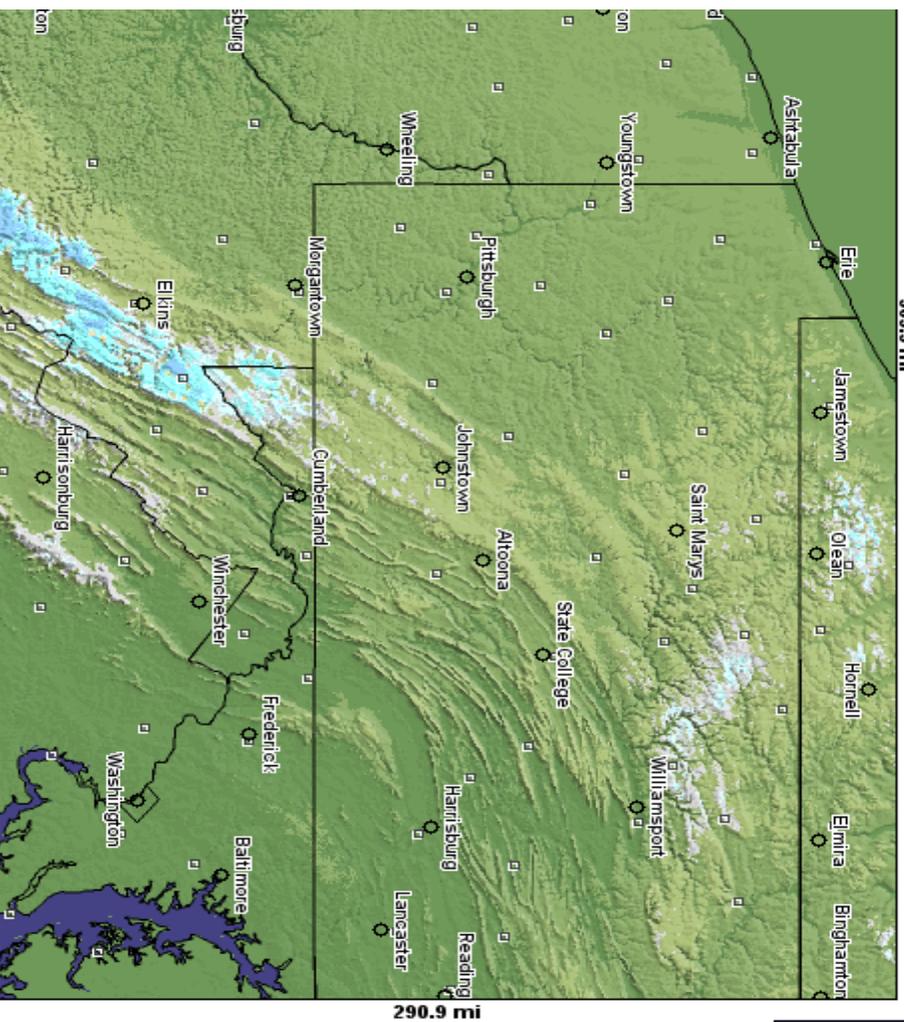
2010-11: 57 inches

2009-2010: 77 inches

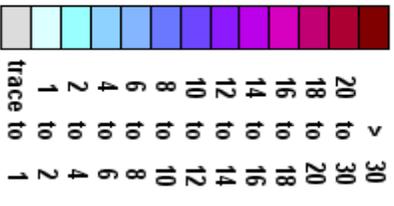
The frequent thaws have been beneficial in preventing an excessive build-up of the snow pack in the mountains. Snow water equivalent values in the mountains of the Cheat basin have only limited areas of 3.00 inches above 3000 feet.

COE Flood Storage Used

**Snow Water Equivalent forecasted for 2013 March 12, 16:00 Z**

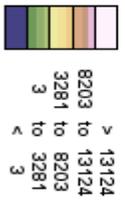


Inches of water equivalent



Not Estimated

Elevation in feet



RESERVOIR	FLOOD STORAGE CAPACITY USED
Allegheny	0%
Tionesta	1%
Union City	3%
Woodcock	11%
East Branch	0%
Mahoning	1%
Crooked Creek	2%
Conemaugh	2%
Loyalhanna	3%
Stonewall Jackson	8%
Tygart	8%
Yough	0%
Michael J. Kirwan	0%
Berlin	30%
Lake Milton	15%
Mosquito	6%
Shenango	0%