WEATHER RECAP
Rainfall was once again above normal for the month for much of the upper Ohio Valley. Several localized heavy rain events resulted in flash floods across western Pennsylvania, with Pittsburgh hit hardest near the end of the month. This resulted in some rises on Area Rivers, but no river flooding was recorded. We only hit 90 twice during the month.

OUTLOOK
Week of July 9th: Cold frontal passage Tuesday will result in seasonable conditions Wednesday. Dry weather is then expected until the weekend, after which afternoon shower and thunderstorm chances will increase. Less than 1.00 inch of rain is expected.
Outlook for week of July 16: Above average temperatures will persist. Fast moving disturbances will lend to an active weather pattern and an increased probability of above average precipitation.
Outlook for week of July 23: Temperatures will trend closer to normal with near normal precipitation. Rainfall around 1.00 inch.
Outlook for August: August may be cooler than average. Precipitation near normal.
Outlook for September: Near normal temperatures with above average precipitation.
Outlook for October: Dry conditions. Near to slightly above normal temperatures.

HIGH WATER POTENTIAL
Flows continue to run high from precipitation that occurred last week. That will change as we go into the next week as dry weather should allow rivers to fall back to levels more appropriate for the summer. Progressive weather pattern should decrease chances for heavy rain/flash flooding across the region. Therefore, the high water potential is near normal. Expect a minimum of 2.50 inch basin wide rainfall in 6 to 12 hours to bring rivers to bank full.

Location	June 2018 Precipitation	Departure (Inches)
Pittsburgh	6.10	+1.08

Location	June Average Temperature	Departure Degrees	Extreme High	Extreme Low
Pittsburgh	70.8	2.1	91 on Jun 18	45 on Jun 6

	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

Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night
Sunny	Mostly Clear	Sunny	Mostly Clear	Mostly Sunny	Partly Cloudy	Partly Sunny	Mostly Cloudy
High: 82 °F	Low: 60 °F	High: 82 °F	Low: 63 °F	High: 86 °F	Low: 67 °F	High: 87 °F	Low: 69 °F

8-14 Day Outlook… Warmer than normal temperatures persist. Close to normal precipitation.
Aug-Sep-Oct Outlook…Cooler August leading into a rather normal start to fall. Could be a bit more rainy in September.
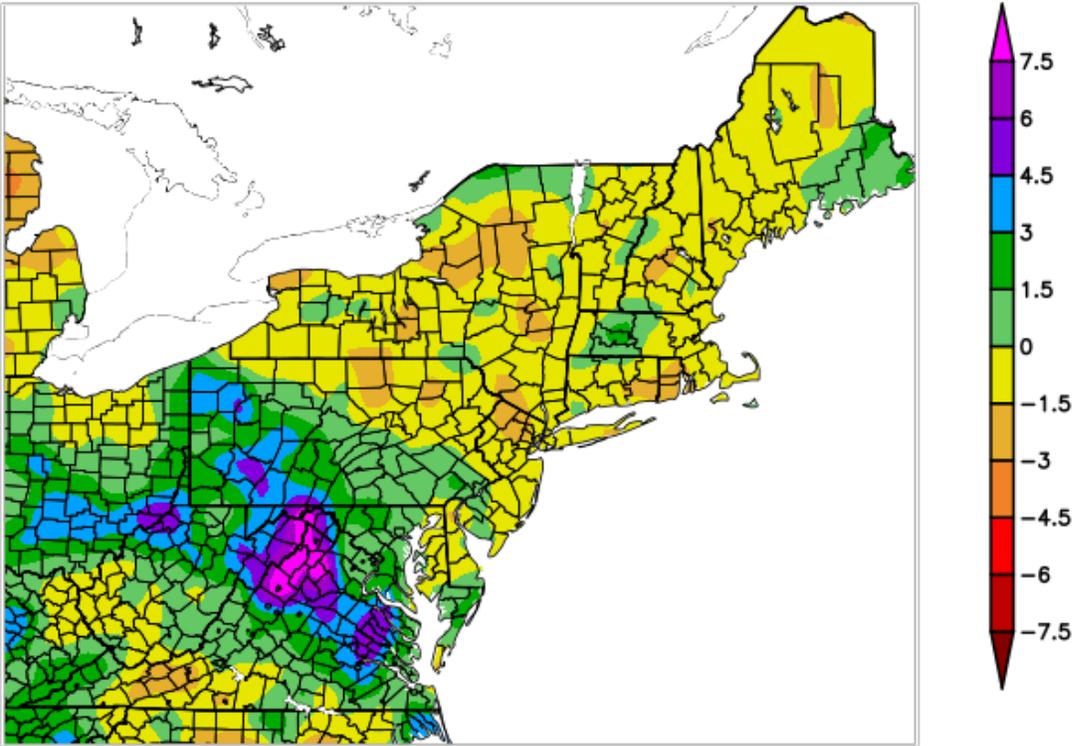**Oct-Nov-Dec Outlook…** Oct and Nov warmer than normal. Dry in November. Dec colder but near normal precip/snows.
Dec-Jan-Feb (Winter Outlook)… El Niño watch issued. May lead to below average snowfall depending on strength

Average Yearly rainfall Pittsburgh: 38.19 inches **In 2017:** 42.15(+3.96) **So Far in 2018:** 29.33 (+8.78)
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

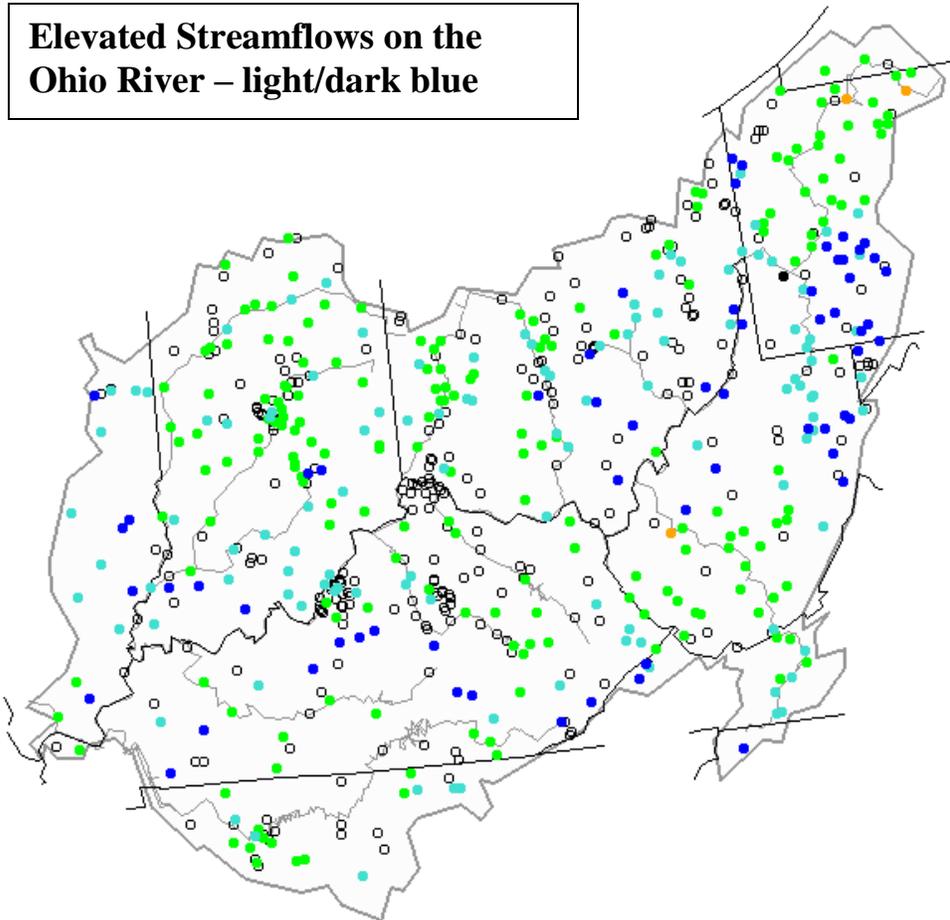# Departure from Normal Precipitation (in)
6/1/2018 – 6/30/2018

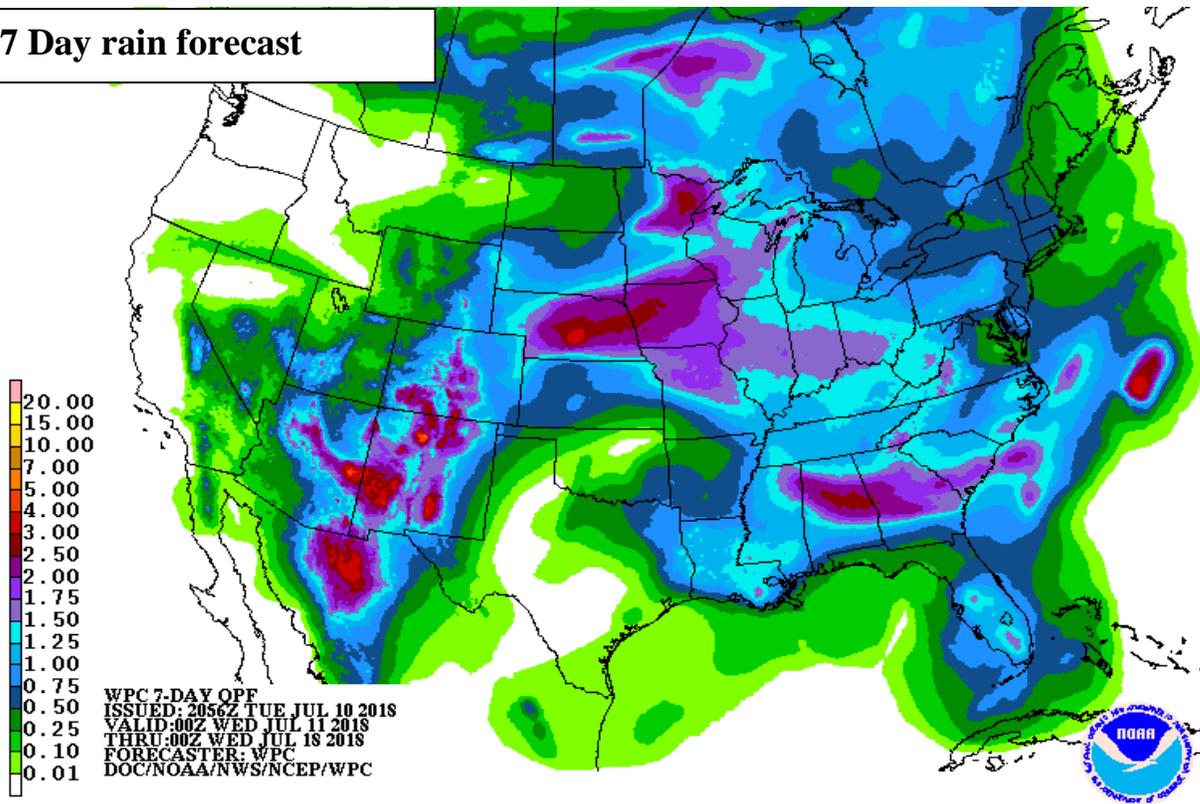Generated 7/6/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

June 2018

Elevated Streamflows on the
Ohio River – light/dark blue

WPC 7-DAY QPF
ISSUED: 2056Z TUE JUL 10 2018
VALID:00Z WED JUL 11 2018
THRU:00Z WED JUL 18 2018
FORECASTER: WPC
DOC/NOAA/NWS/NCEP/WPC

Atlantic Hurricane Outlook:

The 2018 outlook calls for a 70% probability for each of the following ranges of activity:

- 10-16 Named Storms
- 5-9 Hurricanes
- 1-4 Major Hurricanes

Cool temperatures in Atlantic and neutral ENSO owe to a less active pattern though there are warm temperatures along the coast. Close proximity development?

Weak El Nino is forecast to develop. This, in turn with near average Atlantic sea-surface temperatures by the fall look to lead to an average season.

Jun-Jul-Aug 2018   Initial conditions: 12May2018-21May2018