

RIVER AND WEATHER CONDITIONS

Prepared for the Pittsburgh Waterways Association Meeting 07/08/2020

National Weather Service Forecast Office, Pittsburgh PA

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




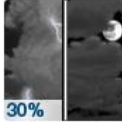





WEATHER RECAP

The month of June was slightly warmer than normal but noticeable drier. Above average temperatures are expected to continue, though there will be daily chances for thunderstorms through this week. The last time we had a stretch of 8 days over 90 degrees was August of 1995.

Location	June 2020 Precipitation	Departure (Inches)
Pittsburgh	2.30	-2.00

Location	June Average Temperature	Departure Degrees	Extreme High	Extreme Low
Pittsburgh	70.0	+1.3	90 on June 9	40 on June 4

Pittsburgh Forecast:

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
								
Sunny then Slight Chance T-storms	Mostly Clear	Sunny then Chance T-storms	Chance T-storms then Mostly Cloudy	Chance T-storms	Chance T-storms then Partly Cloudy	Hot	Partly Cloudy	Mostly Sunny then Chance T-storms
High: 95 °F	Low: 71 °F	High: 94 °F	Low: 71 °F	High: 94 °F	Low: 71 °F	High: 94 °F	Low: 72 °F	High: 94 °F

OUTLOOK

This week: The heat will persist through the remainder of the week with daily chances for thunderstorms. These will be widely scattered however. Cold front will potentially return normal temperatures to the region over the weekend.

Week of July 13th: Near normal temperatures will moderate back above normal for the rest of this week as high pressure builds. Precipitation is still expected to run near or below average.

Week of July 20th through the 31st: Heat will persist into the latter half of the month with near average precipitation.

Outlook for August: Near to slightly above normal precipitation and temperature is anticipated at this time. Again, will need to watch for tropical development.

Hurricane Season Forecast is below...

HIGH WATER POTENTIAL

Streamflows are running near to below normal across the region. Expect this trend to continue through the month of July.

	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

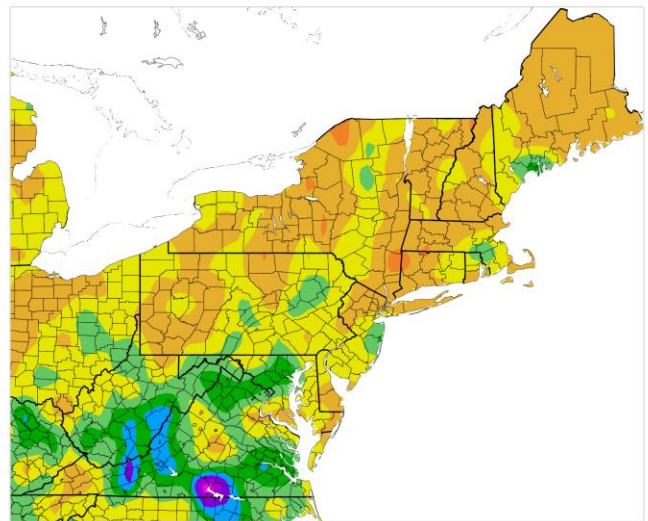
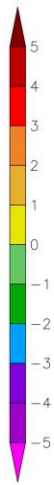
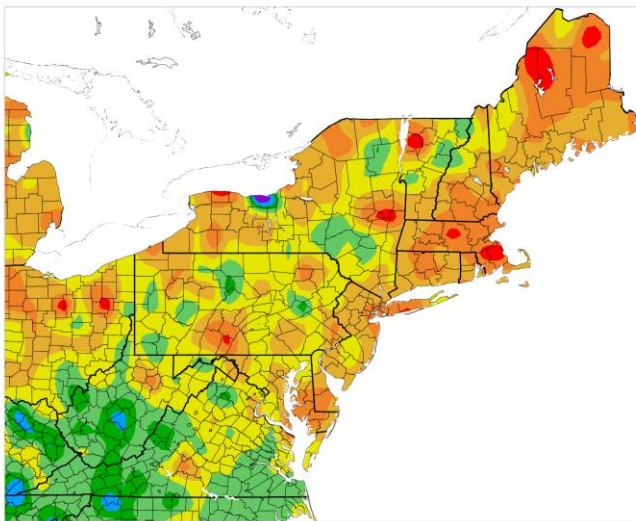
Average Yearly precipitation Pittsburgh: 38.19 inches. In 2020: 20.90 (+0.86)

Totals for: **2019: 52.46" (+14.27)**; 2018: 57.83" (+19.64); 2017: 42.15"; 2016: 35.01"; 2015: 40.56"; 2014: 36.84"; 2013: 36.65"; 2012: 41.74"

Average Yearly snowfall Pittsburgh: 41.9 inches. 2019-20: 21.7" (-19.6); 2018-19: 36.6" (-5.3); 2017-18: 59.8" (+17.9); 2016-17: 32.0" (-9.2), 2015-16: 29.6" (-12.3) 2014-15: 47.2"; 2013-14: 63.4"; 2012-13: 57"; 2011-12: 37"; 2010-11: 57"; 2009-10: 77"

Departure from Normal Temperature (F)
6/1/2020 – 6/30/2020

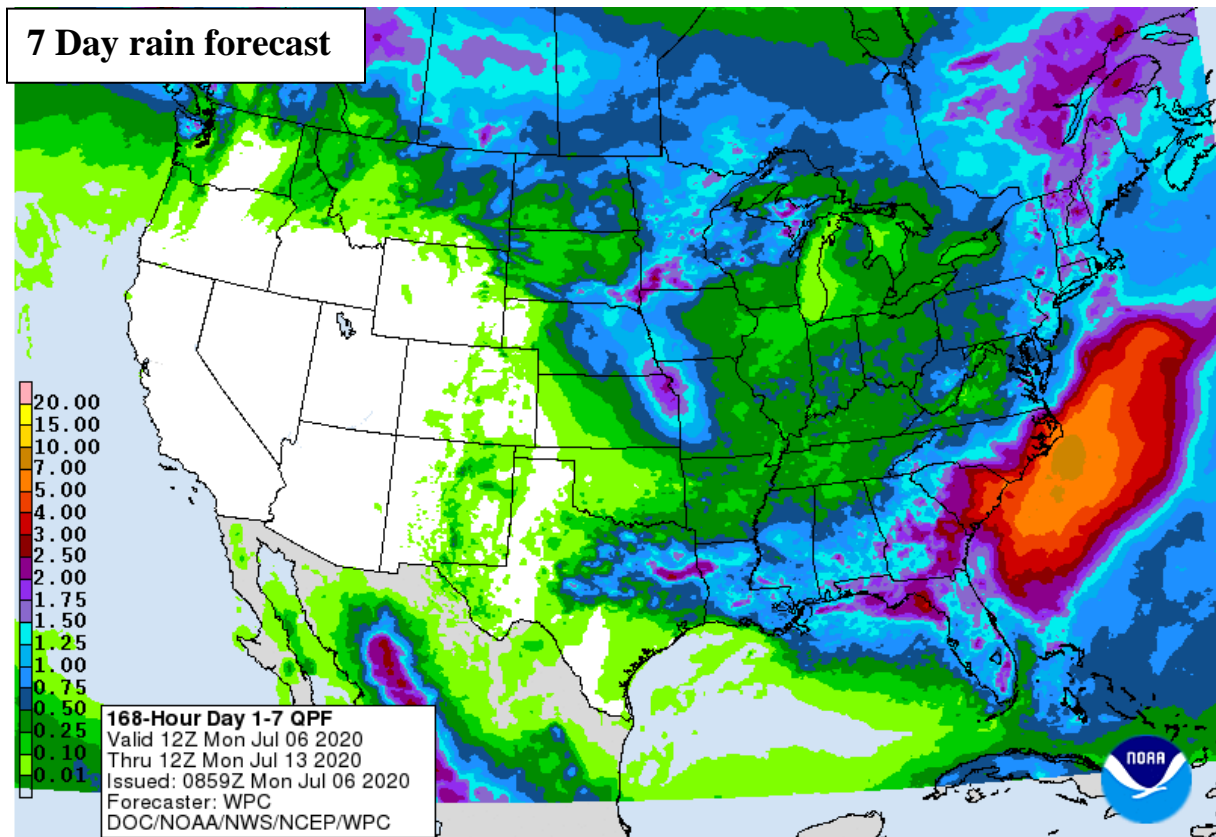
Departure from Normal Precipitation (in)
6/1/2020 – 6/30/2020



Generated 7/4/2020 at HPRCC using provisional data.

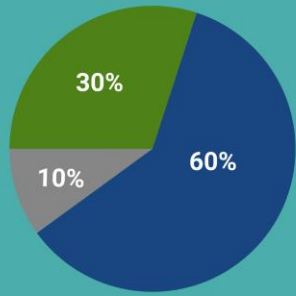
NOAA Regional Climate Centers 7/4/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers





2020 Atlantic Hurricane Season Outlook



■ Above-normal ■ Near-normal ■ Below-normal season

Season probability

Named storms
13-19

Hurricanes
6-10

Major hurricanes
3-6

Be prepared: Visit hurricanes.gov and follow @NWS and @NHC_Atlantic on Twitter.

May 2020

In addition to Enso-neutral conditions, warmer-than-average sea surface temperatures in the tropical Atlantic Ocean and Caribbean Sea, coupled with reduced vertical wind shear, weaker tropical Atlantic trade winds, and an enhanced west African monsoon all increase the likelihood for an above-normal Atlantic hurricane season. We generally average 12 named storms, 6 of which become hurricanes and 3 that become major hurricanes.

We have already had 3 named storms, 2 of which happened before the official start of the season.