

Analog Methology:

Going back to 1872, we have stratified by thirds the monthly average temperatures for April and May in Philadelphia. The lowest third was classified as cooler than normal, central third as normal and the upper third as warmer than normal. This past April was warmer than normal. The highest temperature of the year so far occurred in April, not May. To no surprise, this May was much cooler than normal and may be one of the ten coolest Mays on record. So all that we did was find where these two extremes were coincidental in the same year (11 times) and then just looked what were the temperatures and precipitation for the ensuing summer.

Meteorological summer runs from June 1st through August 31st, the three normally warmest months of the year.

The results are below:

Year	June Mean	July Mean	August Mean	Summer Avg	Summer Pcpn
1878	67.4	77.6	73.9	73.0	11.84
1891*	71.8	71.9	74.3	72.7	11.38
1915*	69.6	76.0	73.1	72.9	15.31
1925	78.0	76.2	74.8	76.3	8.16
1938	71.3	77.2	78.4	75.6	20.68
1945	71.5	76.0	74.1	74.1	16.38
1952	74.7	80.1	75.2	76.7	11.95
1954	72.9	77.9	73.5	74.8	8.69
1958	67.8	77.4	73.4	72.9	17.31
1960*	70.6	73.3	74.5	72.8	9.42
1968	71.2	77.1	77.8	75.4	9.13
Analog Average	71.5	76.4	74.8	74.2	12.75
1971-2000 NMLS	72.3	77.6	76.3	75.4	12.03

* Years that also had an unseasonably cold March as was the case this year.