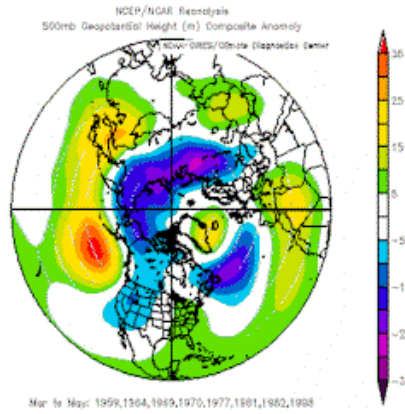


The Pennsylvania Observer



FEATURED CLIMATE HIGHLIGHT

By: Meredith Nichols

Being assured that March 2012 will rank in the top 20 warmest for Pennsylvania, the following are the distributions of temperatures for the state in the April and May that follow the other warmest March's:

April Contingency Table 2012

| | |
|---------------|--------------------|
| Above Average | Much Above Average |
| 9 | 4 |
| Below Average | Much Below Average |
| 6 | 2 |

May Contingency Table 2012

| | |
|--------------------|-------------------------|
| Above Average 7 | Much Above Average 2 |
| Below Average 8 | Much Below Average 4 |

Summary: There is a tendency for April to continue warm and for May to turn cooler.

FEATURED CLIMATE HIGHLIGHT 2

By: Steven Engblom

After looking at the past 116 years of average temperature data statewide, we noticed that warmer winters, specifically during the months of January, February, and March, the following June and July turn out to be drier in comparison to the average precipitation during these two months. We compared the top 15 warmest first quarters to the amount of rainfall the state saw during June and particularly July, and we found that a little over half of those years featured drier summers. These first three months in 2012 are shaping up to be amongst the top 15 warmest, which tells us that the upcoming June and July, especially July are looking to be drier than average.

| Month | Much Above Avg | Above Avg | Below Avg | Much Below Avg |
|--------------|----------------|-----------|-----------|----------------|
| June | 4 | 4 | 3 | 4 |
| July | 3 | 3 | 6 | 3 |