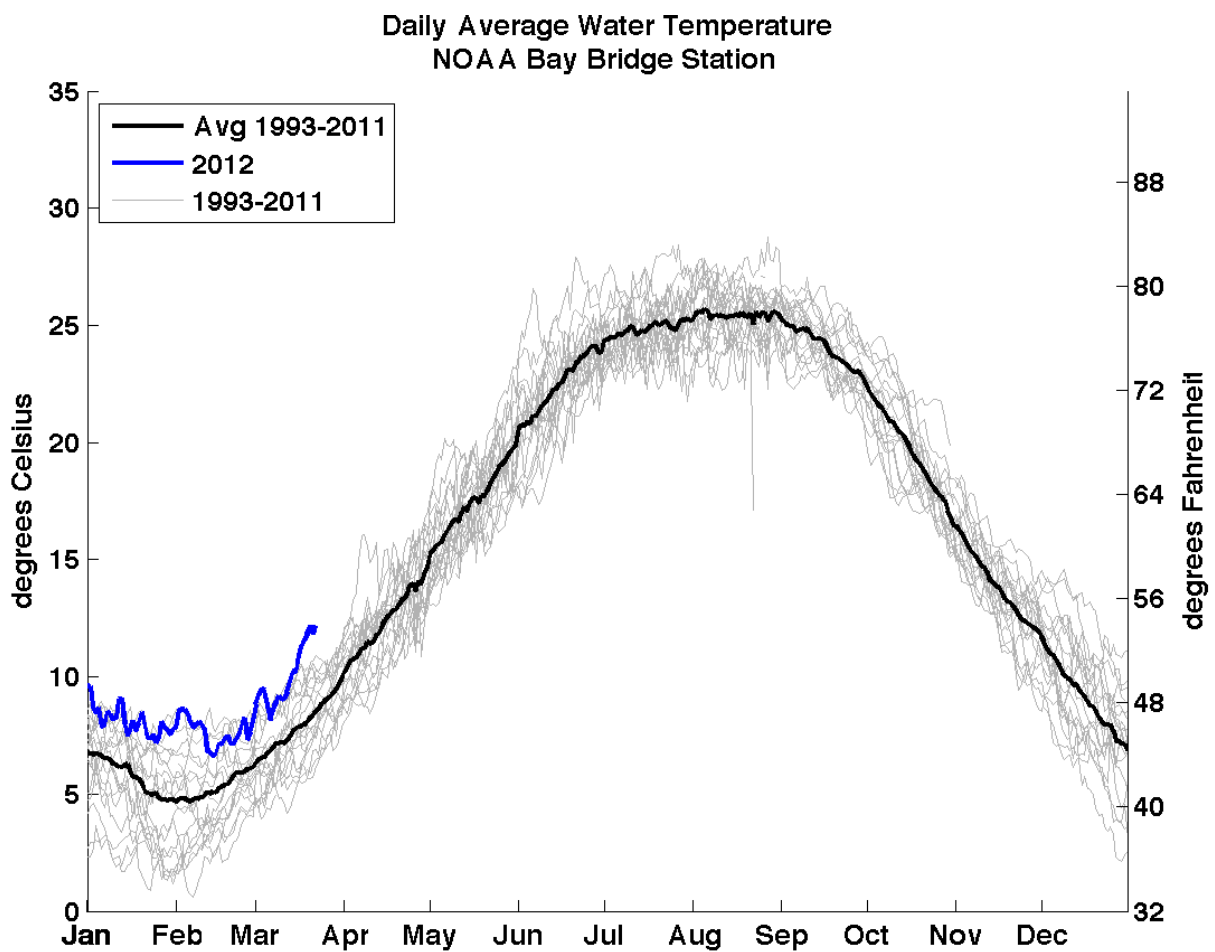


## Water temperatures in Chesapeake Bay

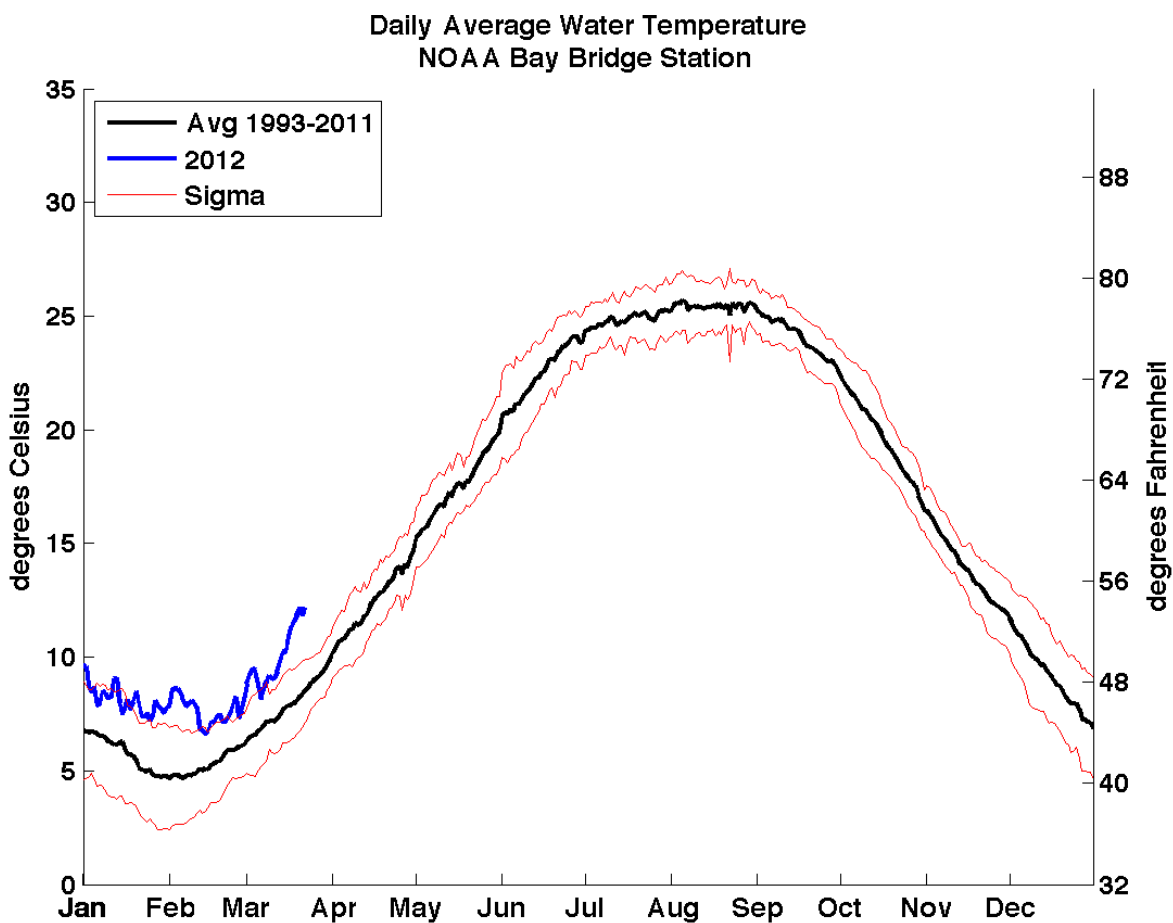
The temperature of water in the Chesapeake Bay changes with the season – warmer in summer and colder in winter. We all remember cold winters (or the last warm winter) and the Bay water is similar. For example the following plot of data shows water temperature at the Chesapeake Bay Bridge Tunnel.

The BLUE line shows water temperature measurements for this year. The heavy BLACK line is the average of all water temperatures for each day from 1993 through 2011. The LIGHT GREY lines are the data for each year.

The plot shows that this winter water temperatures have been well above average.



This plot shows the same data from 1993 to 2011. The BLUE line is this year. The BLACK line is the average for all years. And, for you statistically minded people the RED lines are one standard deviation unit below and above the mean. Record high temperatures occurred in Jan and March.



These plots will be updated monthly or on demand for unusual events.

These data are from the NOAA National Ocean Service station at the First Island of the Chesapeake Bay Bridge Tunnel. The link to the data is <http://tidesandcurrents.noaa.gov/geo.shtml?location=8638863>

Thanks to Teresa Updyke at CCPO for the data analysis and plotting.