



Trends in SWMP parameters

Created by Marcus W. Beck, beck.marcus@epa.gov, Todd O'Brien, todd.obrien@noaa.gov

This widget is an interactive tool to explore trends in SWMP data. Trends are described by an increase or decrease in values over time using a simple linear regression of summarized data. The regression for each station can be viewed by clicking on a map location. Trends at each station are plotted as circles that identify the direction and significance of the trend. The trend direction is blue for decreasing and red for increasing. The significance is indicated by radius of the circle and color shading where larger points with darker colors indicate a strong trend. Original data are available from <http://cdmo.baruch.sc.edu/>. See the [GitHub repository](#) for source code. The data include observations through December 2014 and are current as of March 2015. Please note that the use of simple regression to identify trends is for exploratory purposes only and may not be appropriate for all datasets. The map is centered at 39.77, -93.56 with a zoom level of 4.

Select parameter:

wq: Temperature (C)

Summarize by:

Years: anomalies

Select date range:

