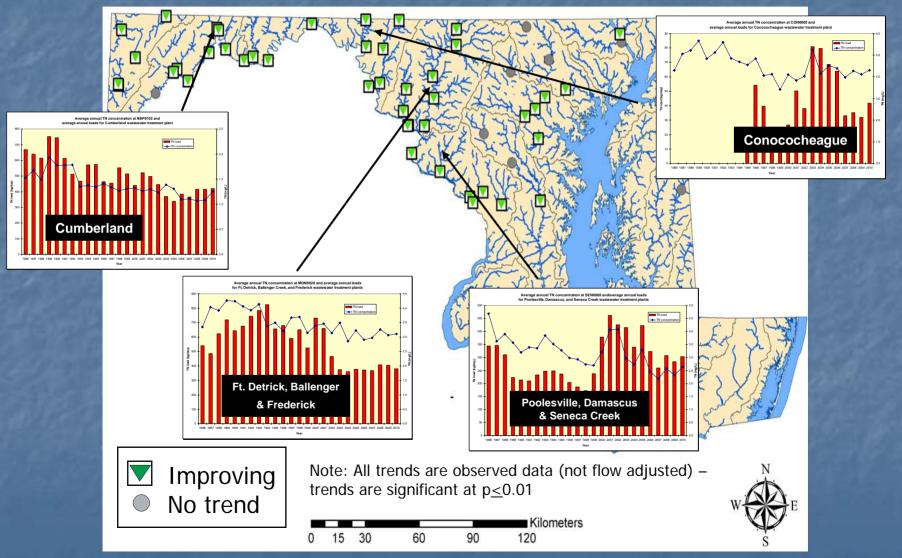


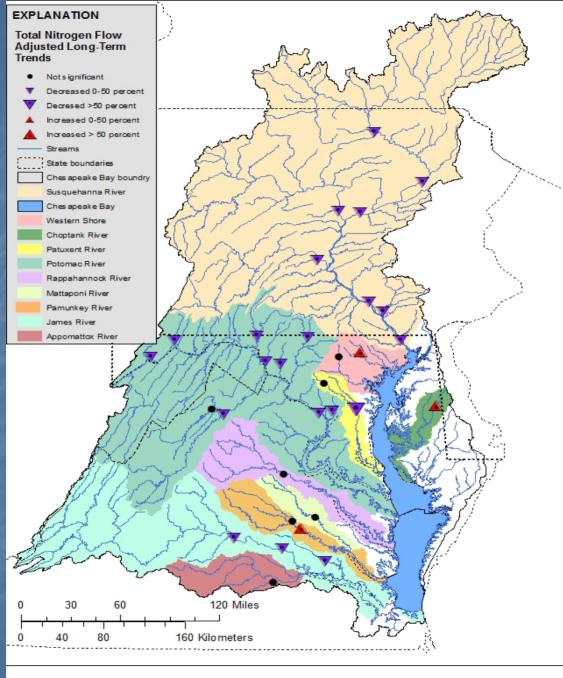
TMAW/NTW Joint Meeting March 27, 2013



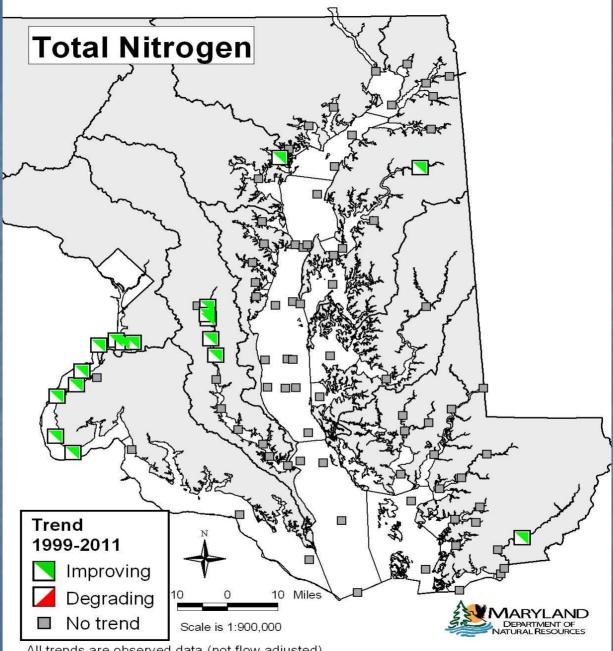
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Total Nitrogen Trends (1986-2010) at Non Tidal Monitoring Stations – 46 of 54 Show Improvement

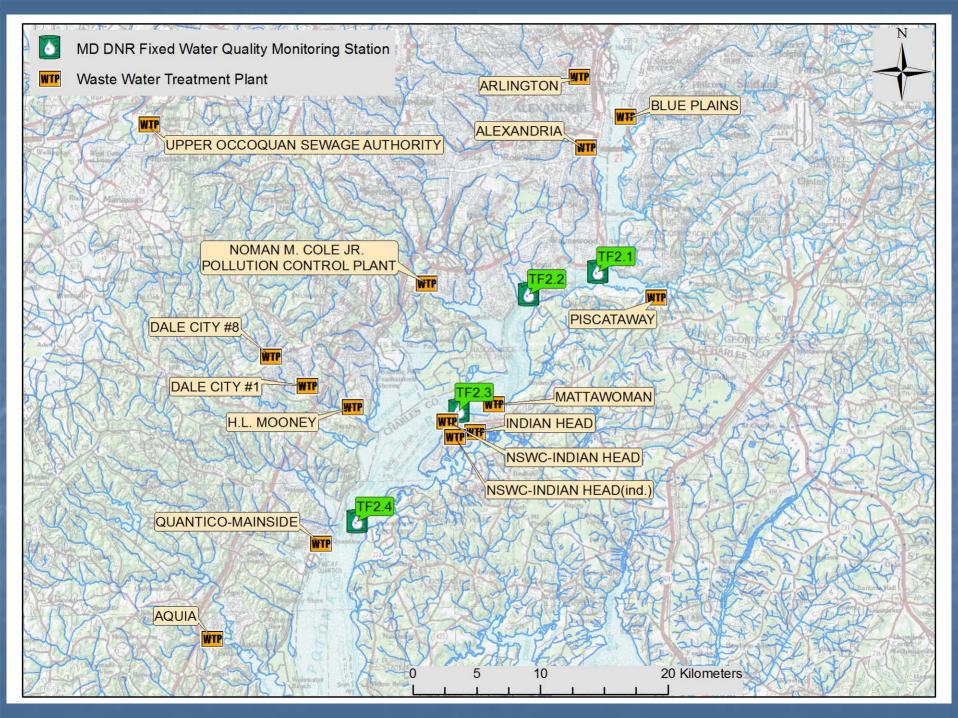




Flow-adjusted trends for total nitrogen for 31 sites in the Chesapeake Bay Watershed, 1985-2011.

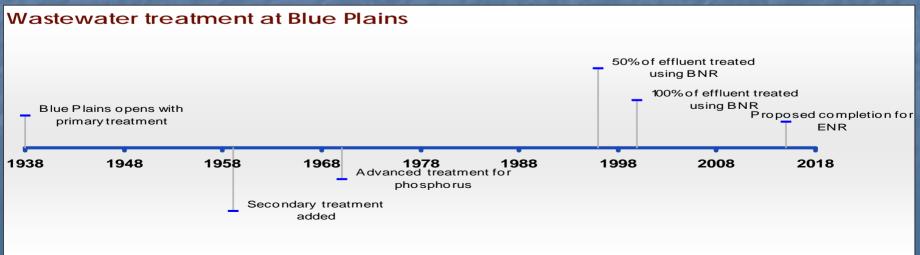


All trends are observed data (not flow adjusted). Trends are significant at p \leq 0.01.

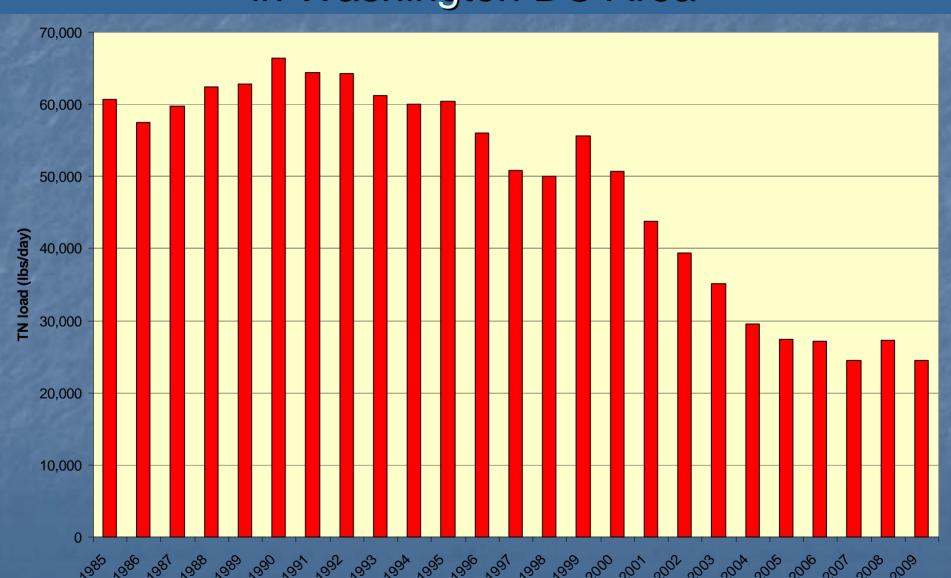


Blue Plains Wastewater Treatment Plant – 370 MGD

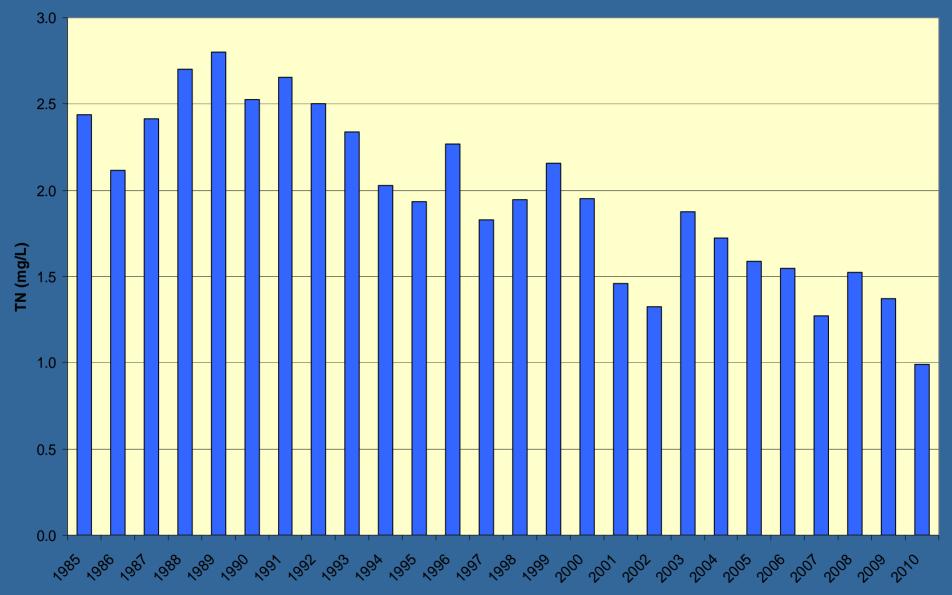


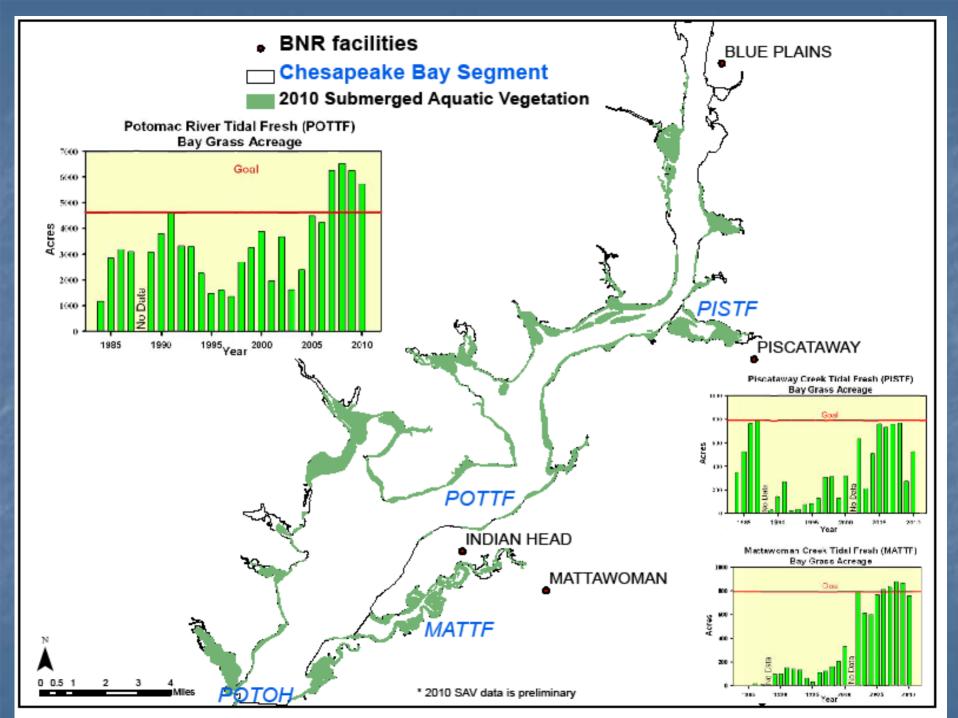


Annual Average TN Loads for 15 Major WWTP in Washington DC Area



Summer Average (June – September) Surface TN Concentrations at Tidal Fresh Potomac Stations











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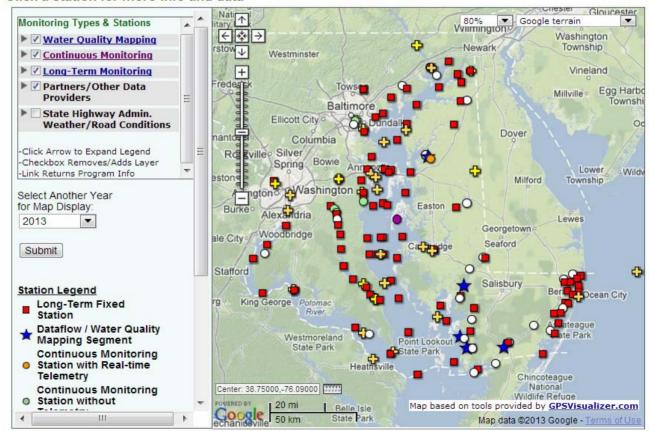
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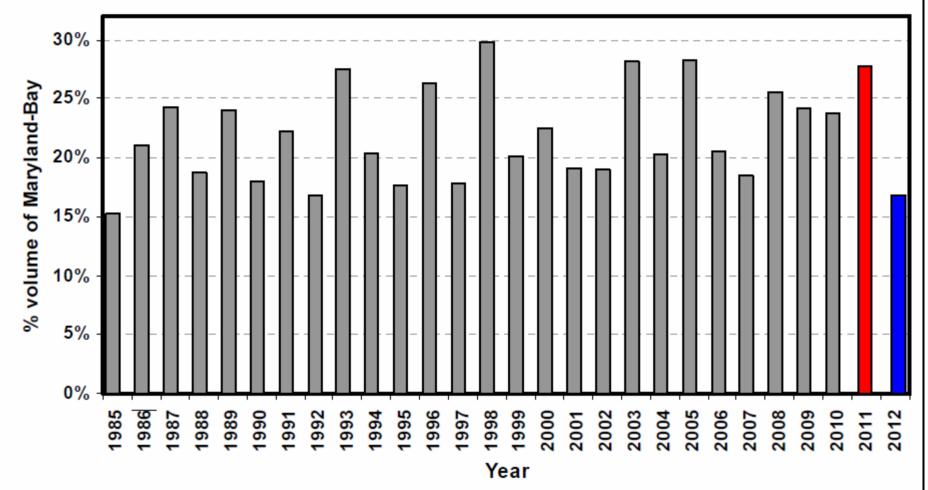
eyesonthebay Looks like Maryland's 'bottle bill' will have to be recycled in another year, bsun,md/YAf8fg 21 hours ago

eyesonthebay Did you know all of our water quality data 1985-2012 can be downloaded from @chesbayprogram ? bit.ly/XBZuF4 21 hours ago

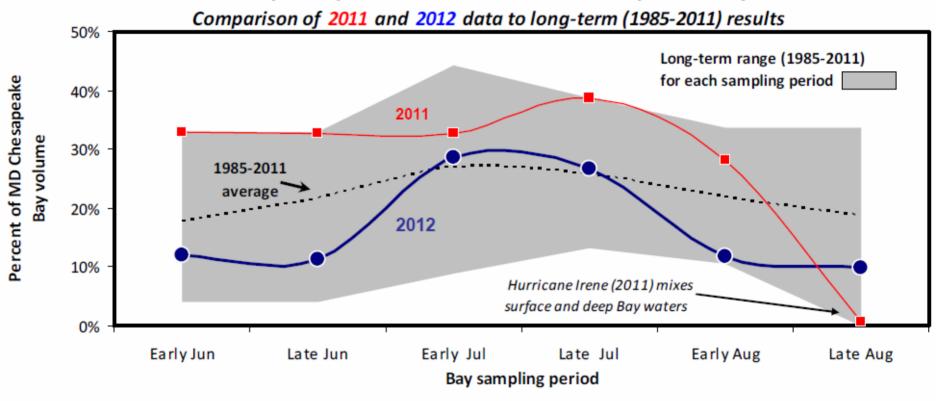
Click a station for more info and data



Average summer volume of "Dead Zone " in Chesapeake Bay (Maryland) (June-August, 1985-2012)



Seasonal volume of low dissolved oxygen waters (< 2 mg/L) in Maryland portion of mainstem Chesapeake Bay.



Message

Improved 2012 oxygen condition in the deep portions of the Bay is directly attributed to low winter and spring flows which carried lower loads of nutrients to the Bay. Reductions in nutrient loads due to continuing implementation of nutrient reduction strategies such as upgrades to wastewater treatment plants, stormwater management controls, the implementation of agriculture BMPs such as cover crops, and reductions in atmospheric deposition through point source air emissions reductions helps to further reduce available nutrients.



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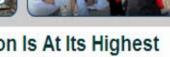
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Chesapeake Bay Blue Crab Population Is At Its Highest Level Since 1997

Annual Bay-Wide Winter Dredge Survey Results Indicate 60% Increase; 658 Million Crabs Show Bi-State Management Actions Continue to Improve Abundance

The results of the most recent winter dredge survey show a 60% increase in Maryland's crab population. The survey indicates that 2008 management measures put into place through a historic collaboration with Virginia and the Potomac River Fisheries Commission are continuing to pay dividends with the crab population at its highest level since 1997. This year, the survey estimated 658 million crabs overwintered in Chesapeake Bay. Go to the April 14 press release for more details and graphics.







video transcript

From the desk of Governor Martin O'Malley

One of the things we share as
Marylanders is a love for the
Chesapeake Bay. The Chesapeake
Bay has been an important part of our
heritage from the explorations of
Captain John Smith, through early
settlements and struggles for
independence and freedom. In both
the past and the present the Bay
stands out as a source of food