CBP End of the Year Report: NT Indicators

NTWG conference call
December 12, 2012

5 indicators featured

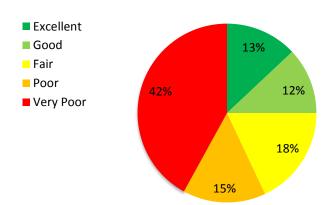
- River Flow to the Bay (1937-2011)
- Nitrogen Flow to the Bay (1990-2011)
- Phosphorus Flow to the Bay (1990-2011)
- Sediment Flow to the Bay (1990-2011)
- Stream Health Indicator (2000-2010)

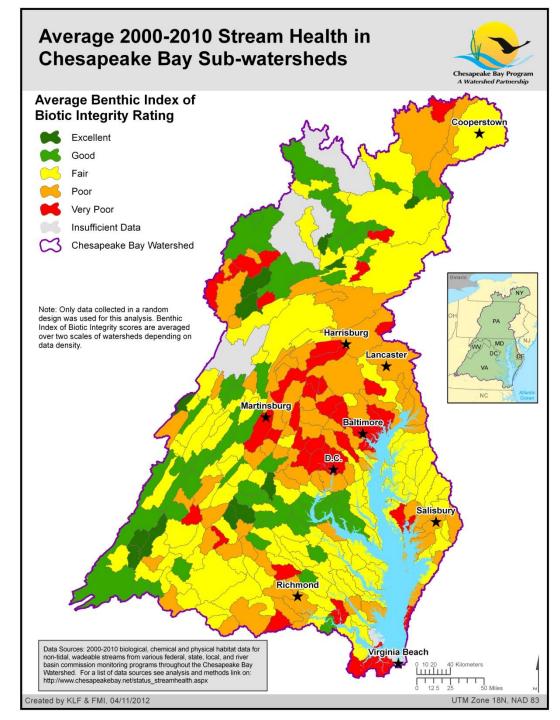
New methodologies

- Chessie B-IBI (as revised in 2011)
- Model version 5.3.2
- Sediment (using SSC consistently not SSC+TSS)

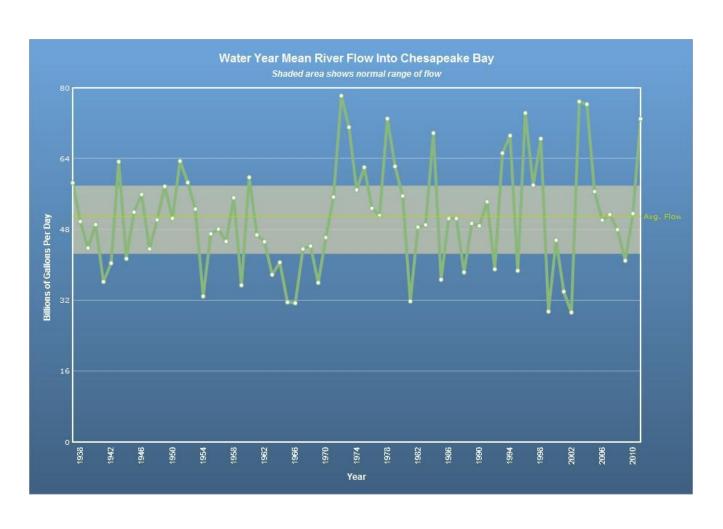
Major Stories

- Majority of stream sites are poor or very poor as rated by the Chessie B-IBI (average from 2000-2010)
- 2011 was one of the five wettest years on record due to a very wet spring followed by Hurricane Irene and Tropical Storm Lee that hit the region in the late summer/early fall.
 - 73 BGD (av. 51 BGD)
- Well above average levels of all nutrients and sediment with record high levels of TP and SS (since 1990).
 - 455 million pounds of nitrogen (av. 339 million)
 - 48 million pounds of phosphorus (av. 19 million)
 - 26 million tons of sediment (av. 5 million ton)

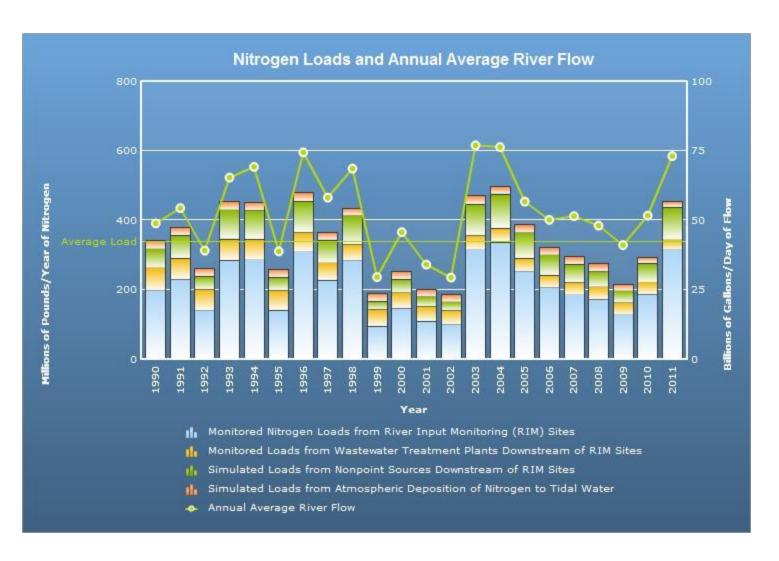




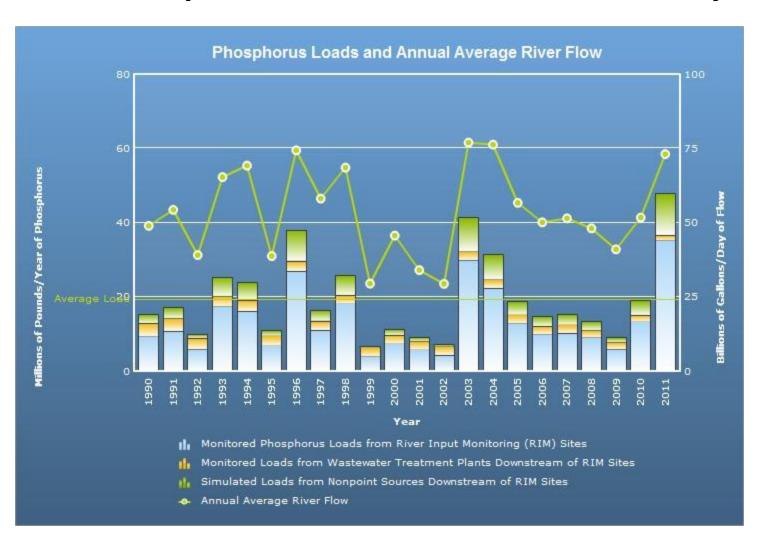
River Flow to the Bay



Nitrogen Load to the Bay



Phosphorus Load to the Bay



Sediment Load to the Bay

