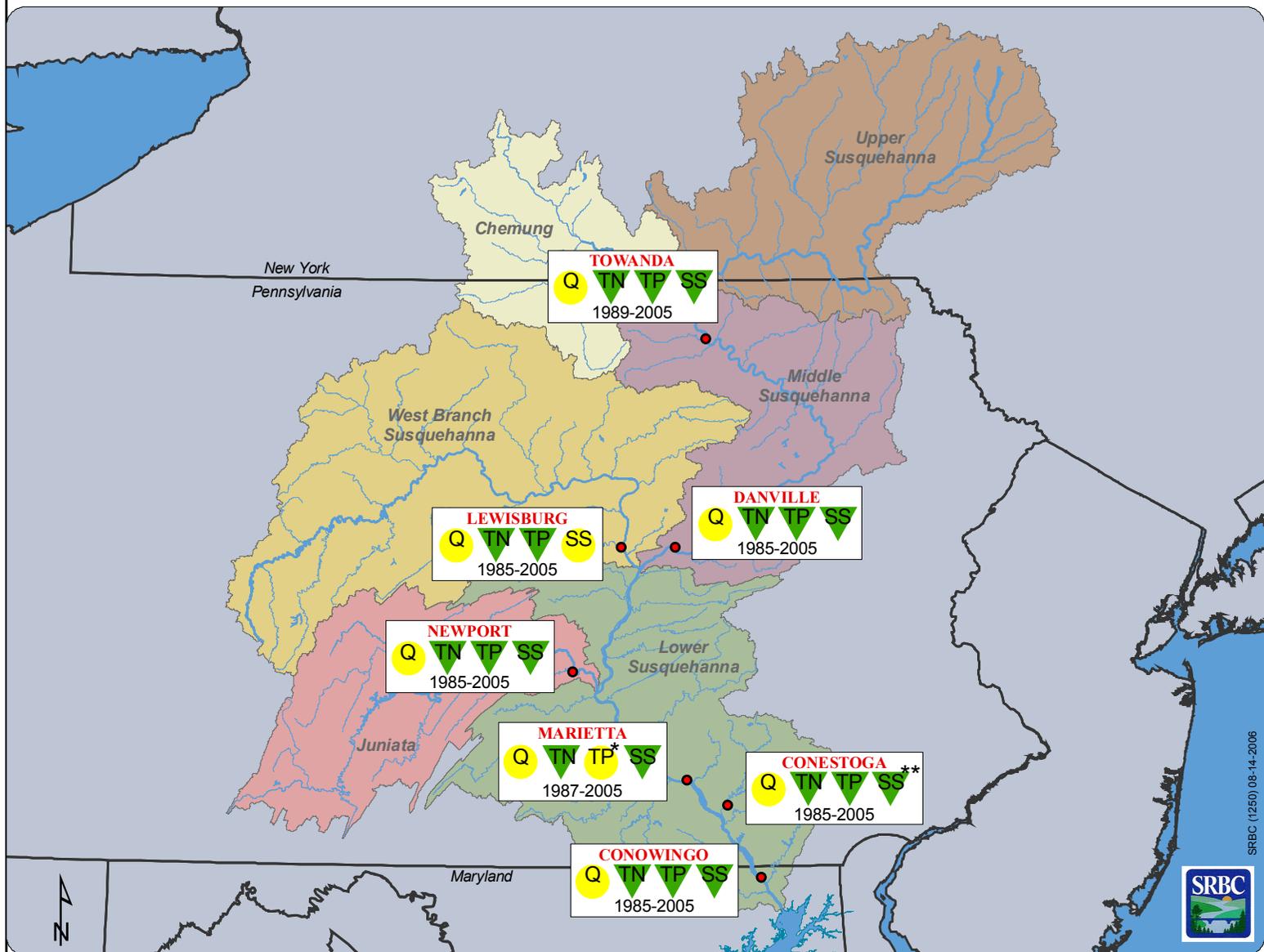


Susquehanna River Basin Commission FLOW-ADJUSTED CONCENTRATIONS 2005



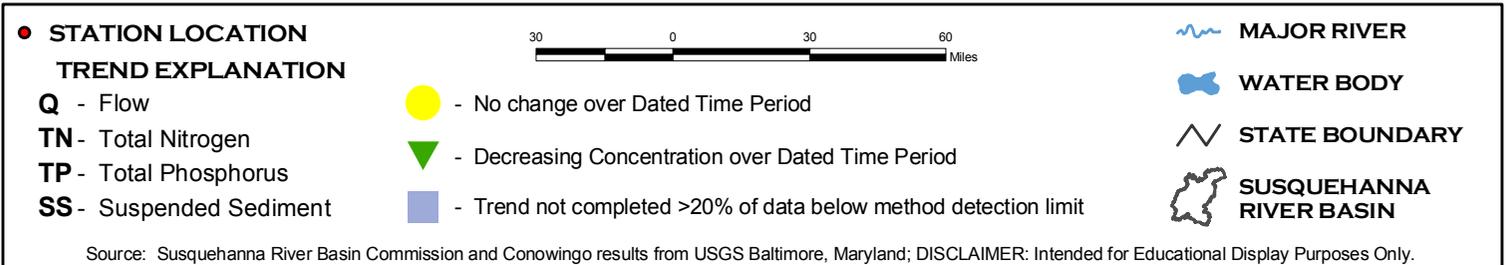
TRENDS IN FLOW, NITROGEN, PHOSPHORUS AND SUSPENDED SEDIMENT IN THE SUSQUEHANNA RIVER BASIN THROUGH 2005

The Susquehanna River Basin Commission estimates trends in nutrients and sediment as part of the Chesapeake Bay Program's annual trend update. Trends in flow-adjusted concentration (FAC) indicate changes in the process that delivers constituents to the stream. After the effects of flow are removed, this concentration relates to the nutrient reduction management actions taking place in the watershed.

2005 trends remained unchanged from 2004 trends for flow and all three parameters, except suspended sediment at Lewisburg which changed from decreasing/improving trends in 2004 to no significant trends in 2005.

* While Marietta showed no significant trends in total phosphorus, additional analysis by USGS found that trends were decreasing/improving for TP at Marietta.

** Additionally, USGS analysis of suspended sediment at Conowingo showed decreasing trends.



Source: Susquehanna River Basin Commission and Conowingo results from USGS Baltimore, Maryland; DISCLAIMER: Intended for Educational Display Purposes Only.

