

Changes in Streamflow and Water Quality in Selected Nontidal Basins in the Chesapeake Bay Watershed, 1985-2004

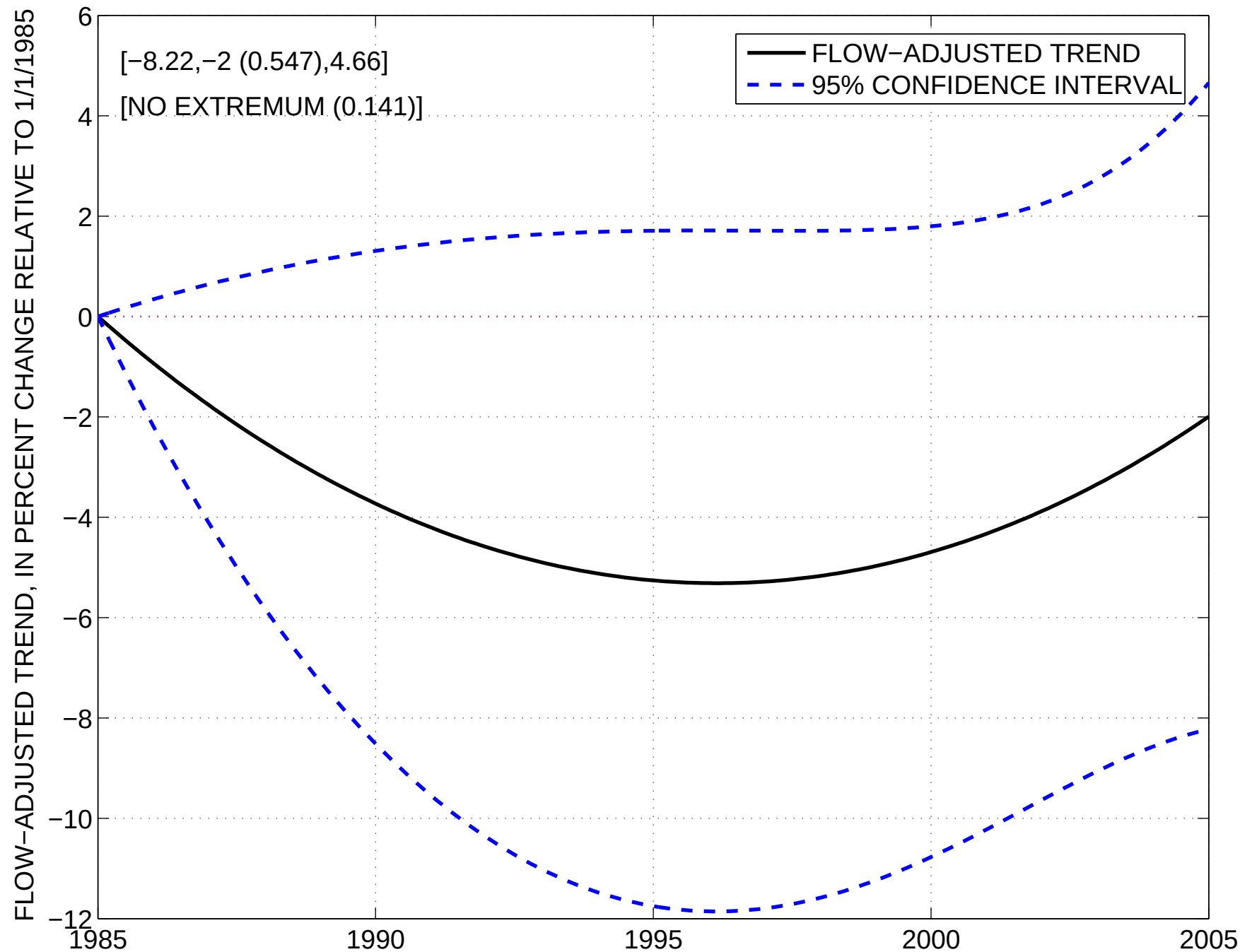
By Michael J. Langland, Jeff P. Raffensperger, Douglas L. Moyer, Jurate M. Landwehr, and Gregory E. Schwarz

Appendix 8. Flow-adjusted trend plots for all 32 sites.

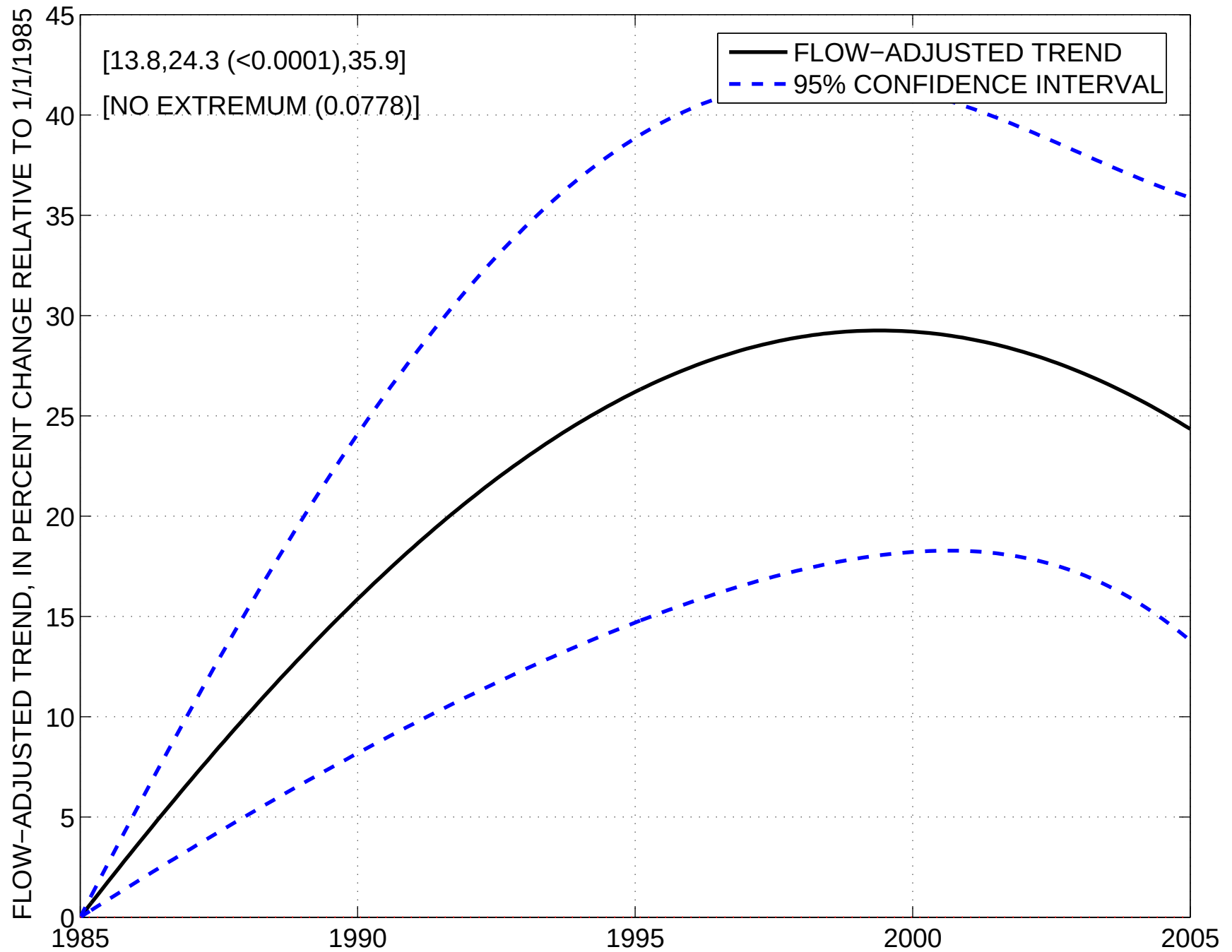
Scientific Investigations Report 2006–5178

U.S. Geological Survey
2006

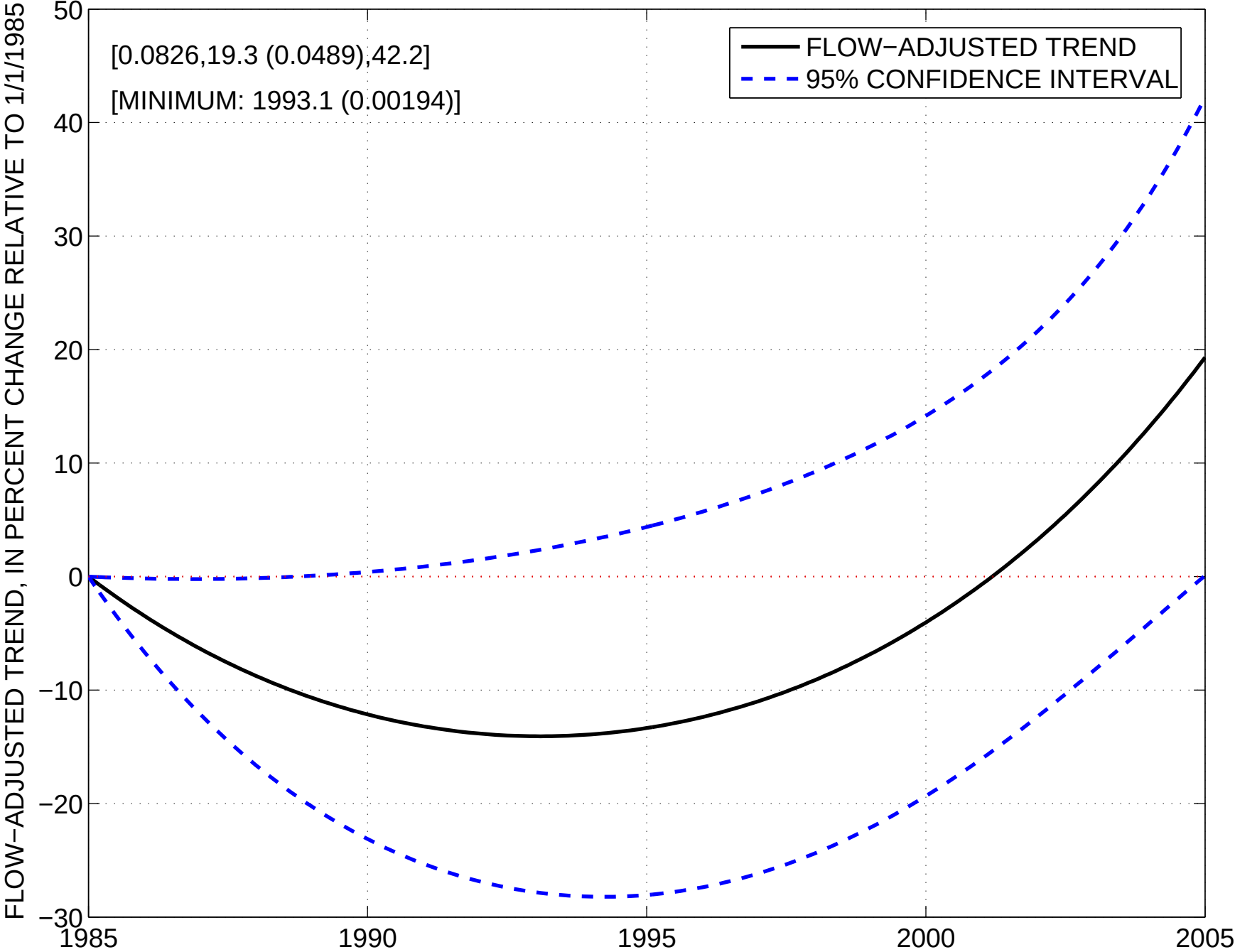
01491000: CHOPTANK RIVER NEAR GREENSBORO, MD: 00600: TOTAL NITROGEN



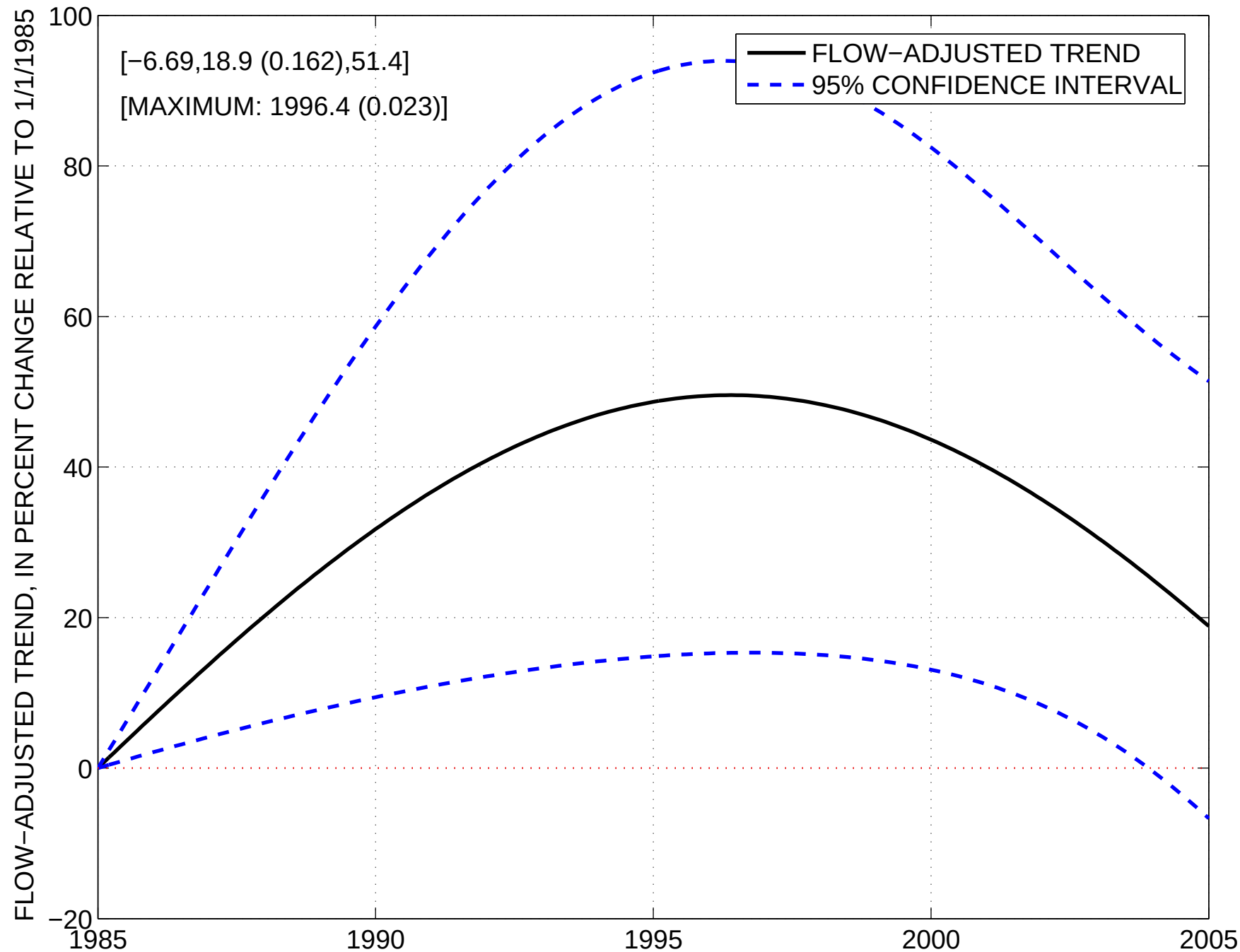
01491000: CHOPTANK RIVER NEAR GREENSBORO, MD: 00631: DISSOLVED NITRITE PLUS NITRATE



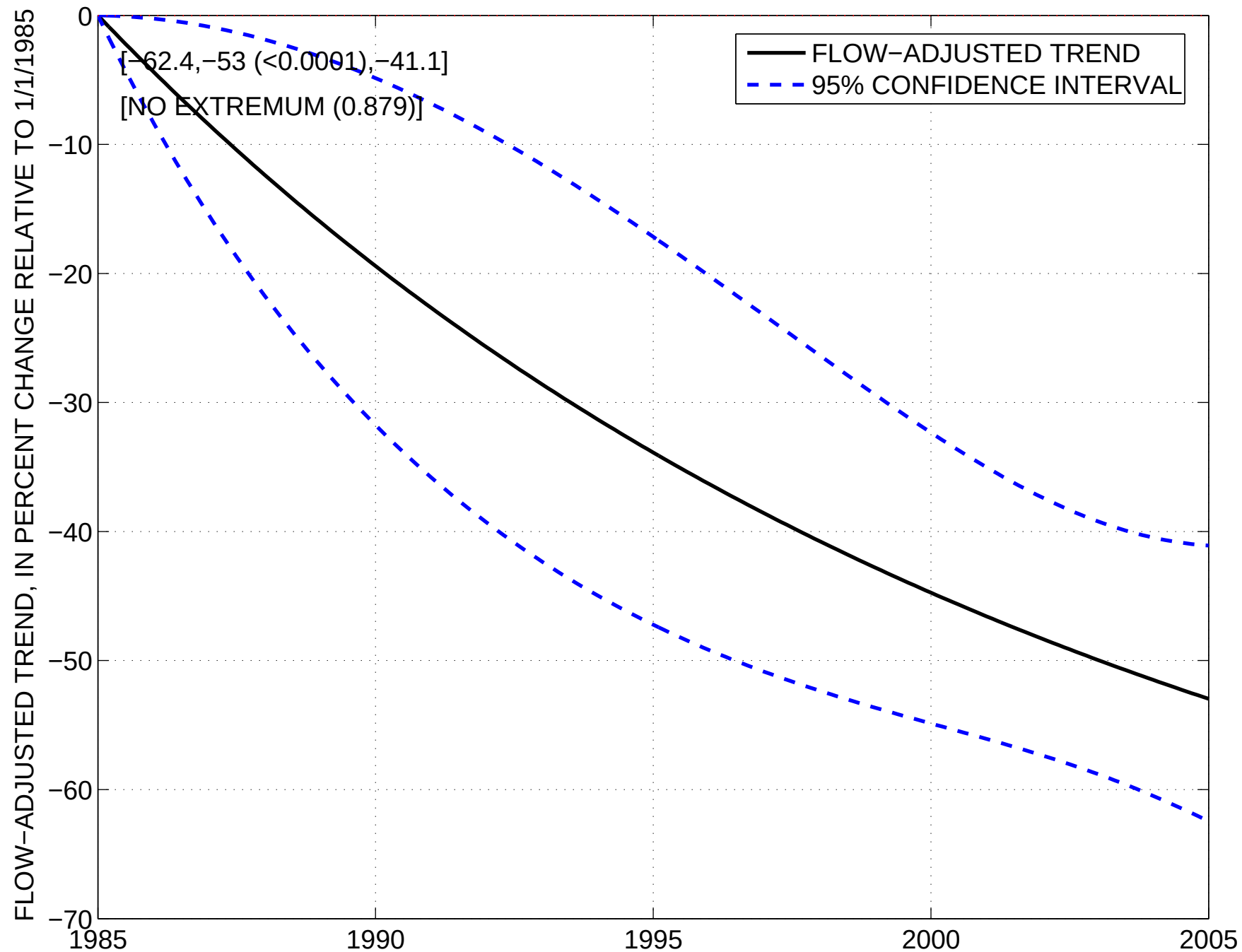
01491000: CHOPTANK RIVER NEAR GREENSBORO, MD: 00665: TOTAL PHOSPHORUS



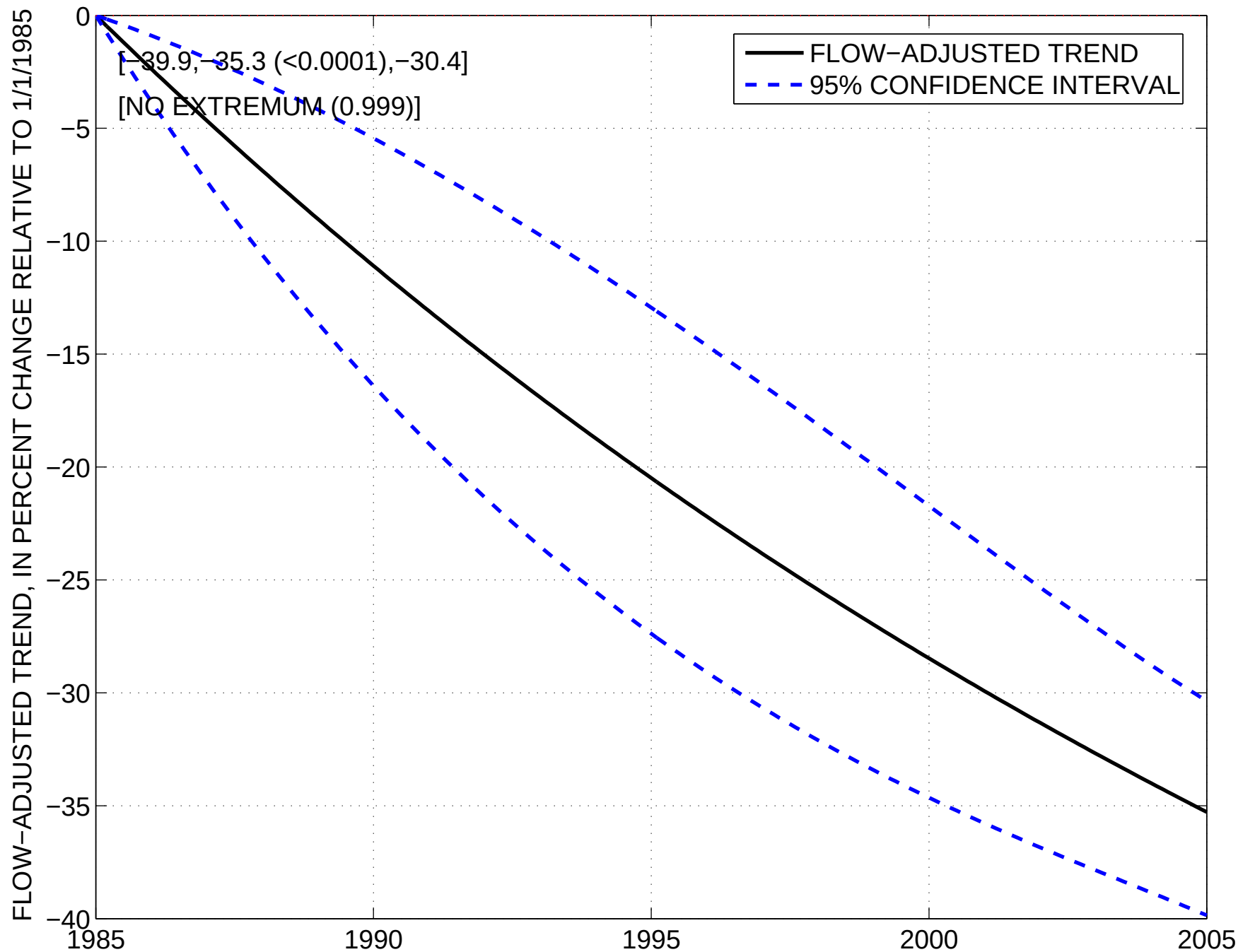
01491000: CHOPTANK RIVER NEAR GREENSBORO, MD: 00671: DISSOLVED INORGANIC PHOSPHORUS



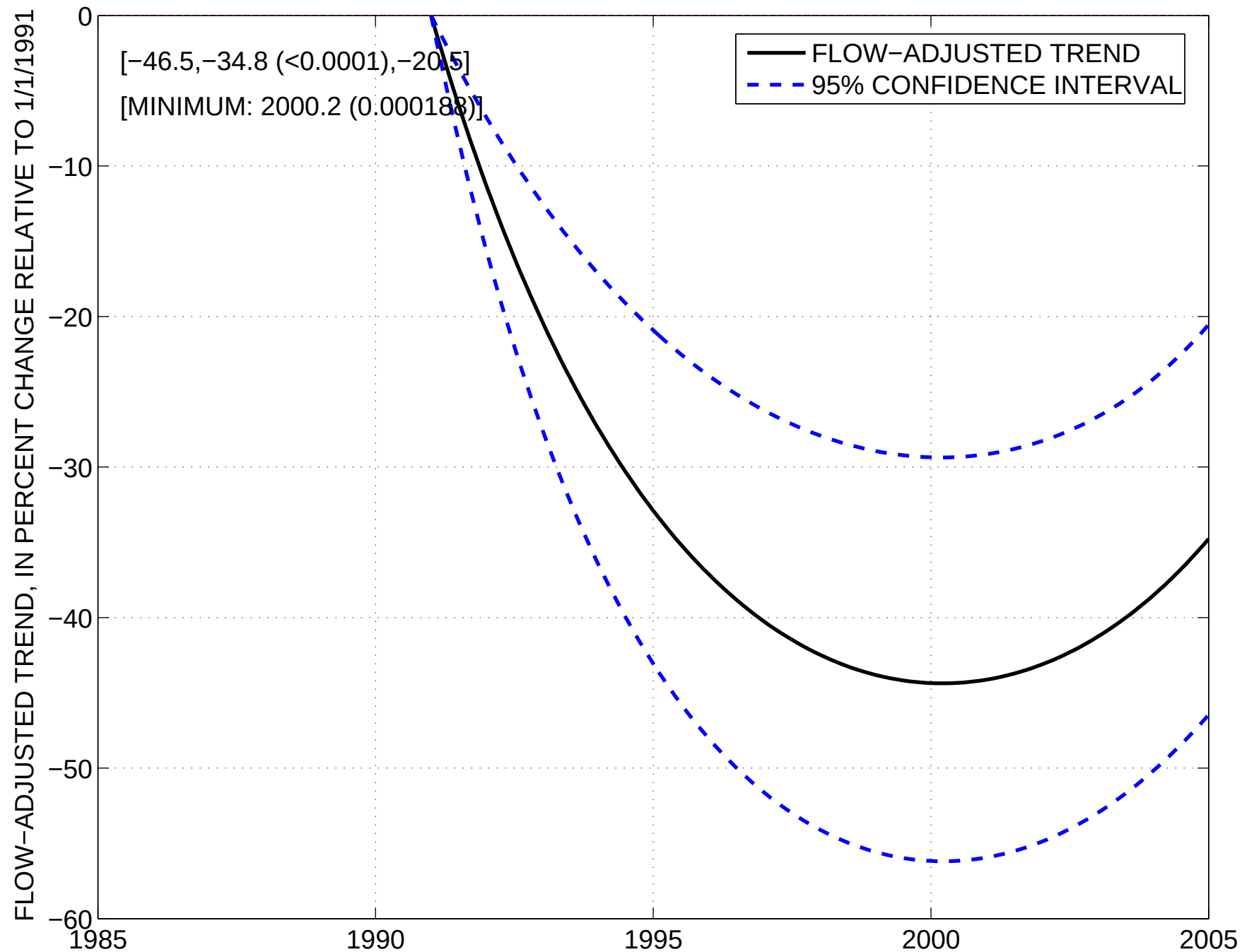
01491000: CHOPTANK RIVER NEAR GREENSBORO, MD: 80154: SEDIMENT



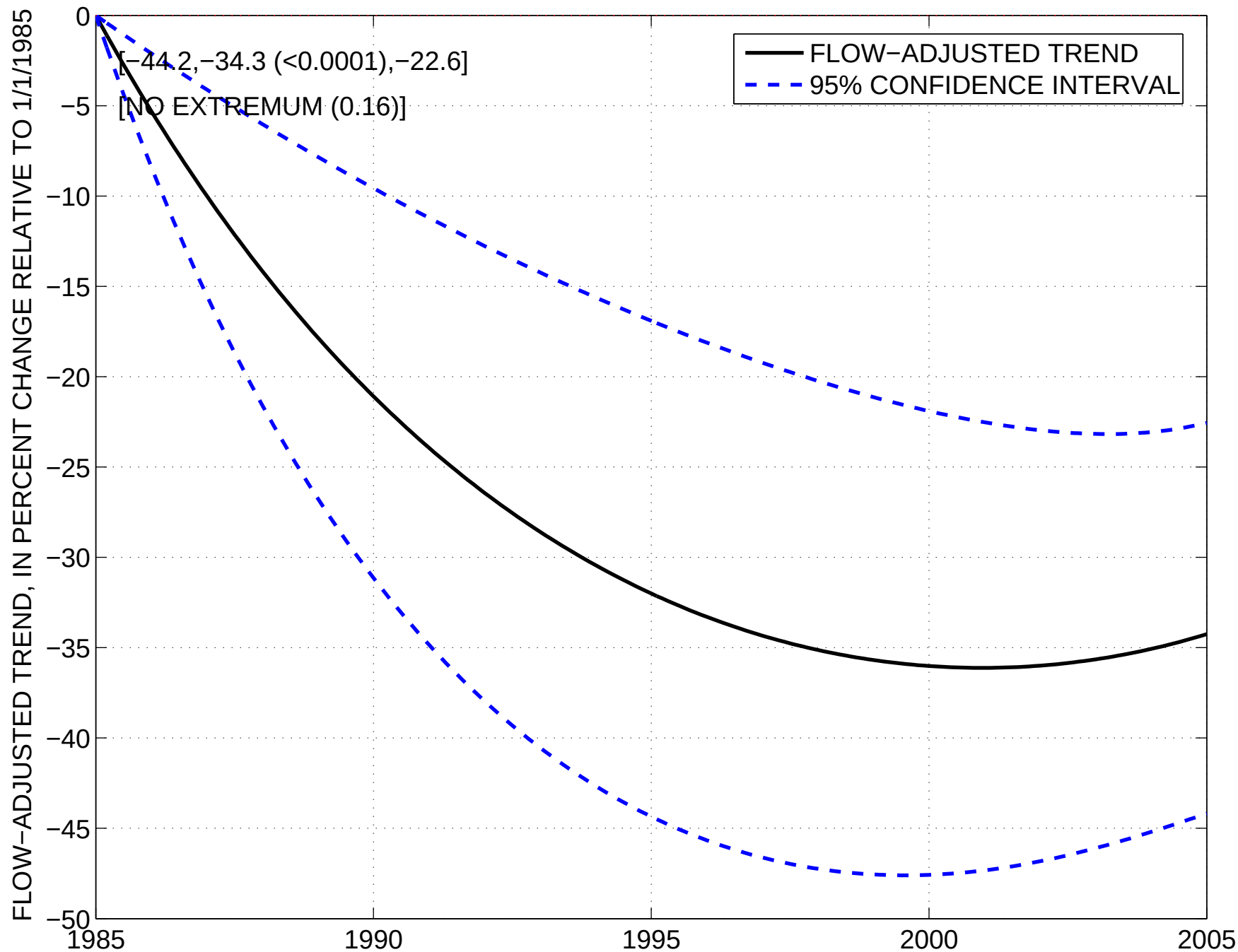
01531500: SUSQUEHANNA RIVER AT TOWANDA, PA: 00600: TOTAL NITROGEN



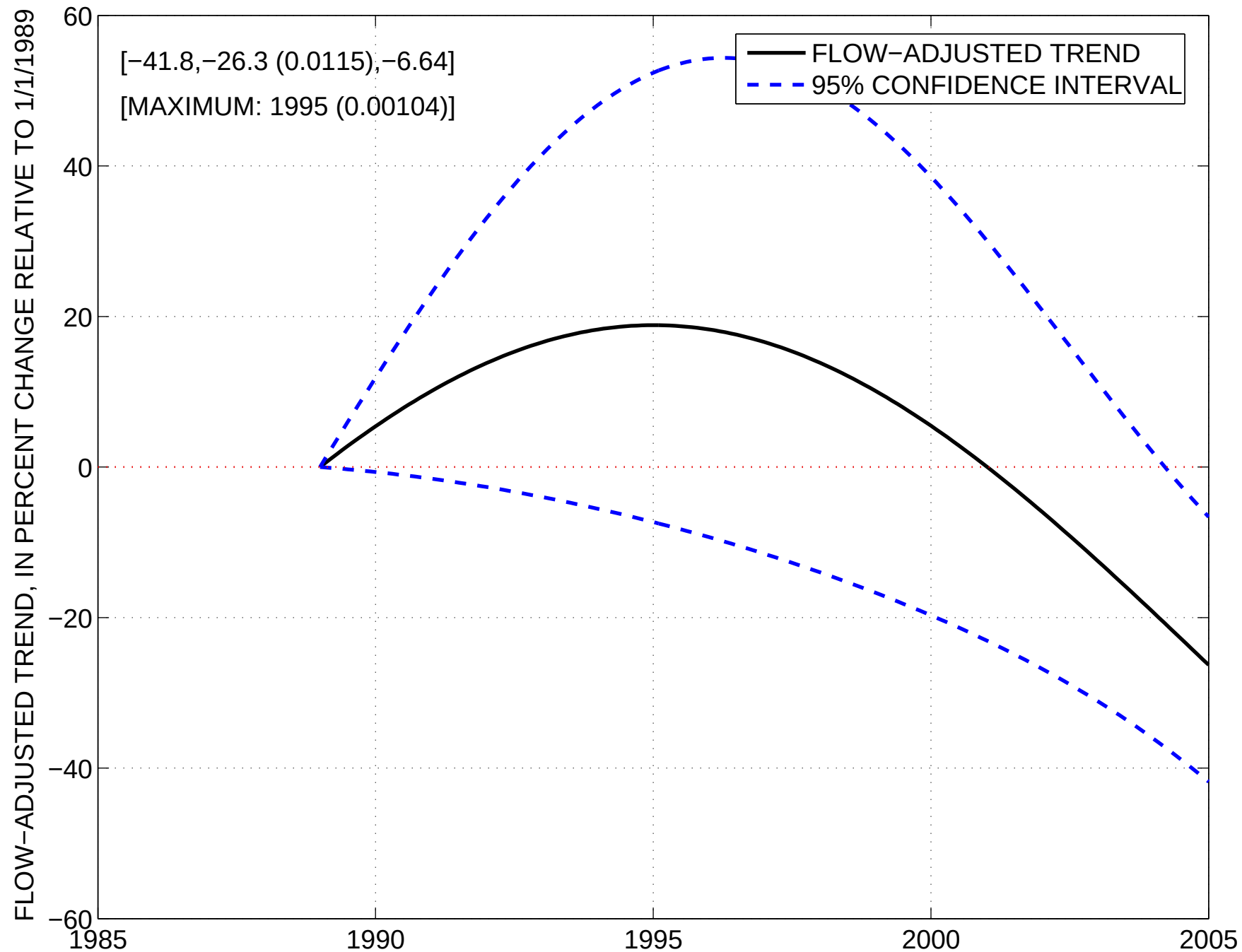
01531500: SUSQUEHANNA RIVER AT TOWANDA, PA: 00631: DISSOLVED NITRITE PLUS NITRATE



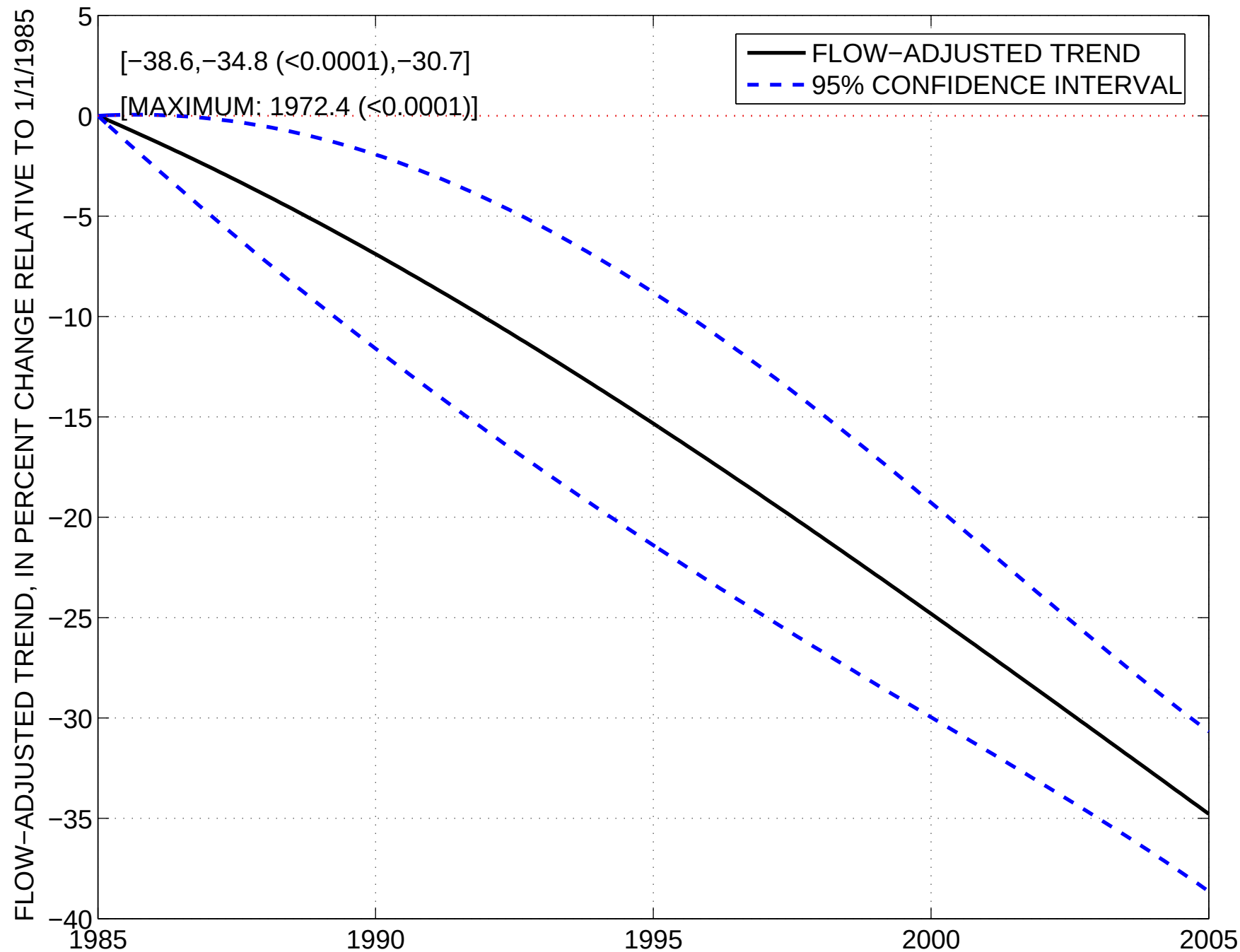
01531500: SUSQUEHANNA RIVER AT TOWANDA, PA: 00665: TOTAL PHOSPHORUS



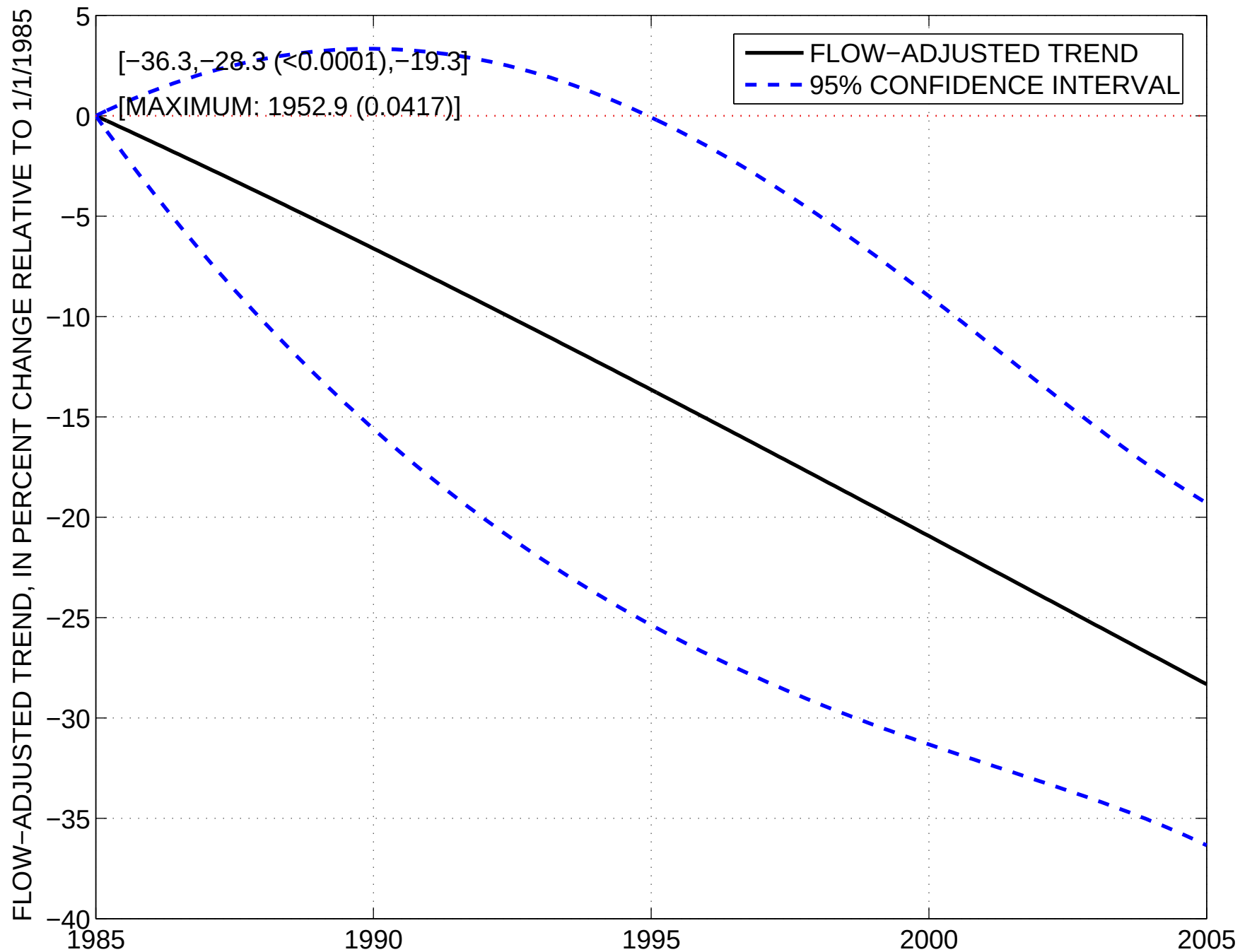
01531500: SUSQUEHANNA RIVER AT TOWANDA, PA: 80154: SEDIMENT



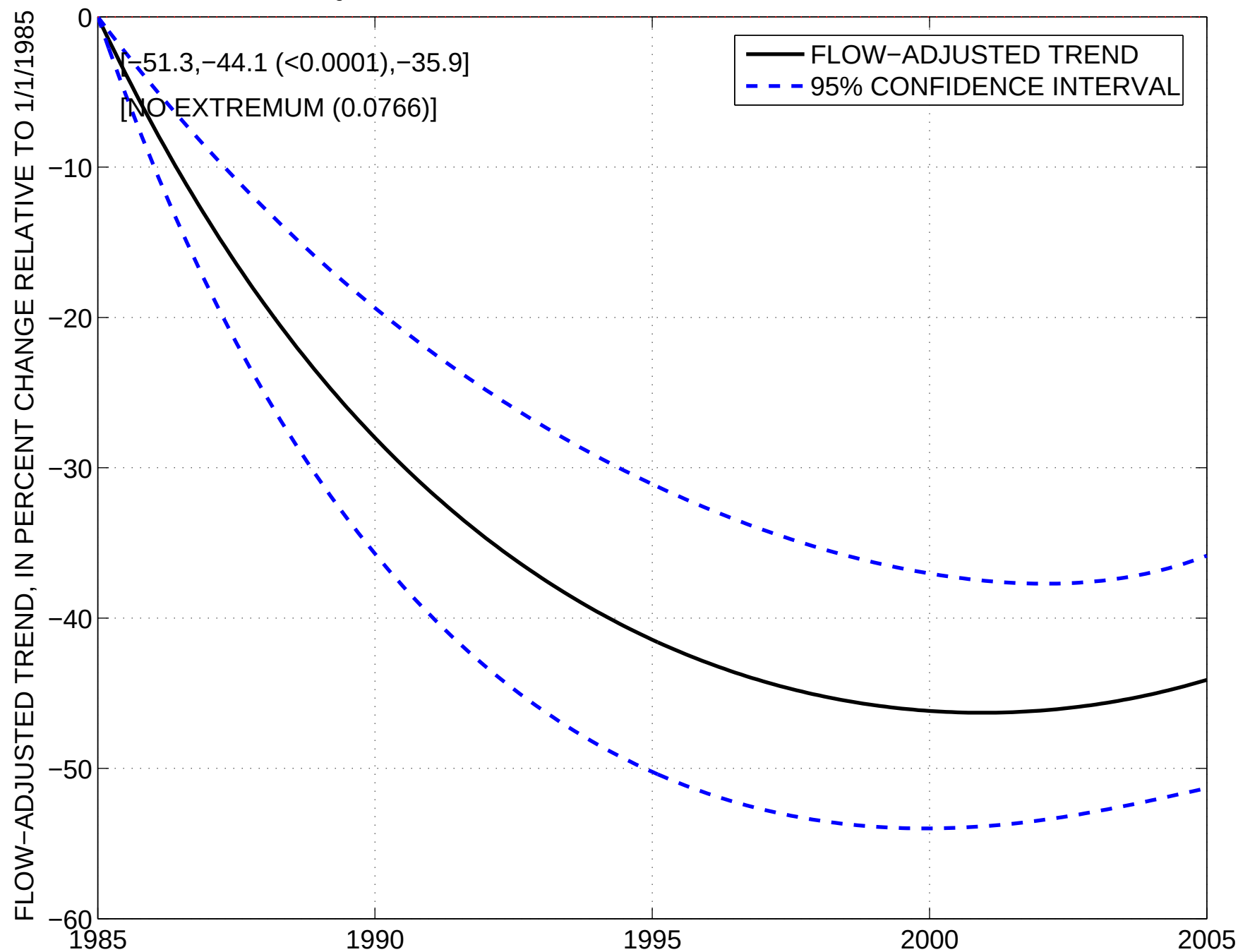
01540500: SUSQUEHANNA RIVER AT DANVILLE, PA: 00600: TOTAL NITROGEN



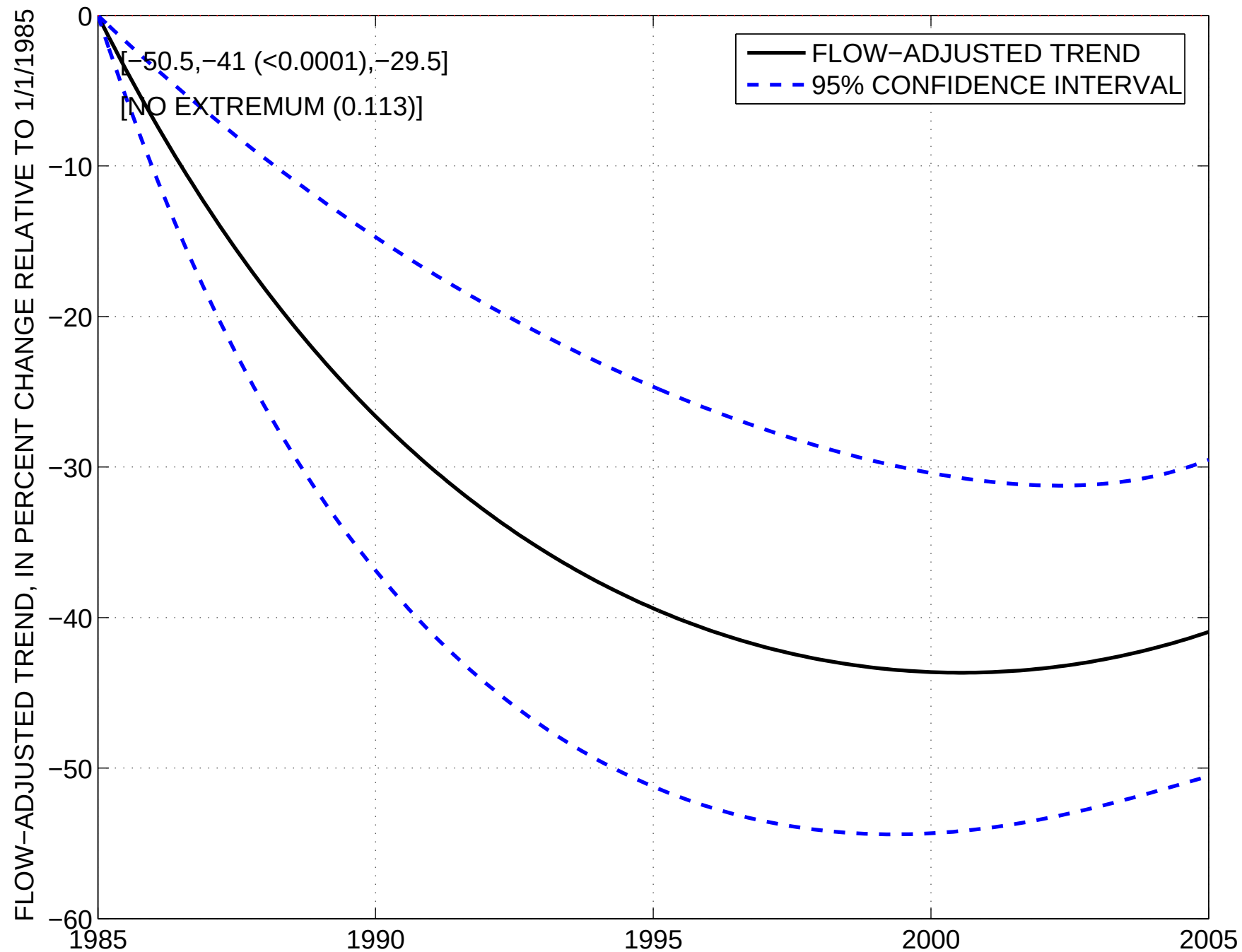
01540500: SUSQUEHANNA RIVER AT DANVILLE, PA: 00631: DISSOLVED NITRITE PLUS NITRATE



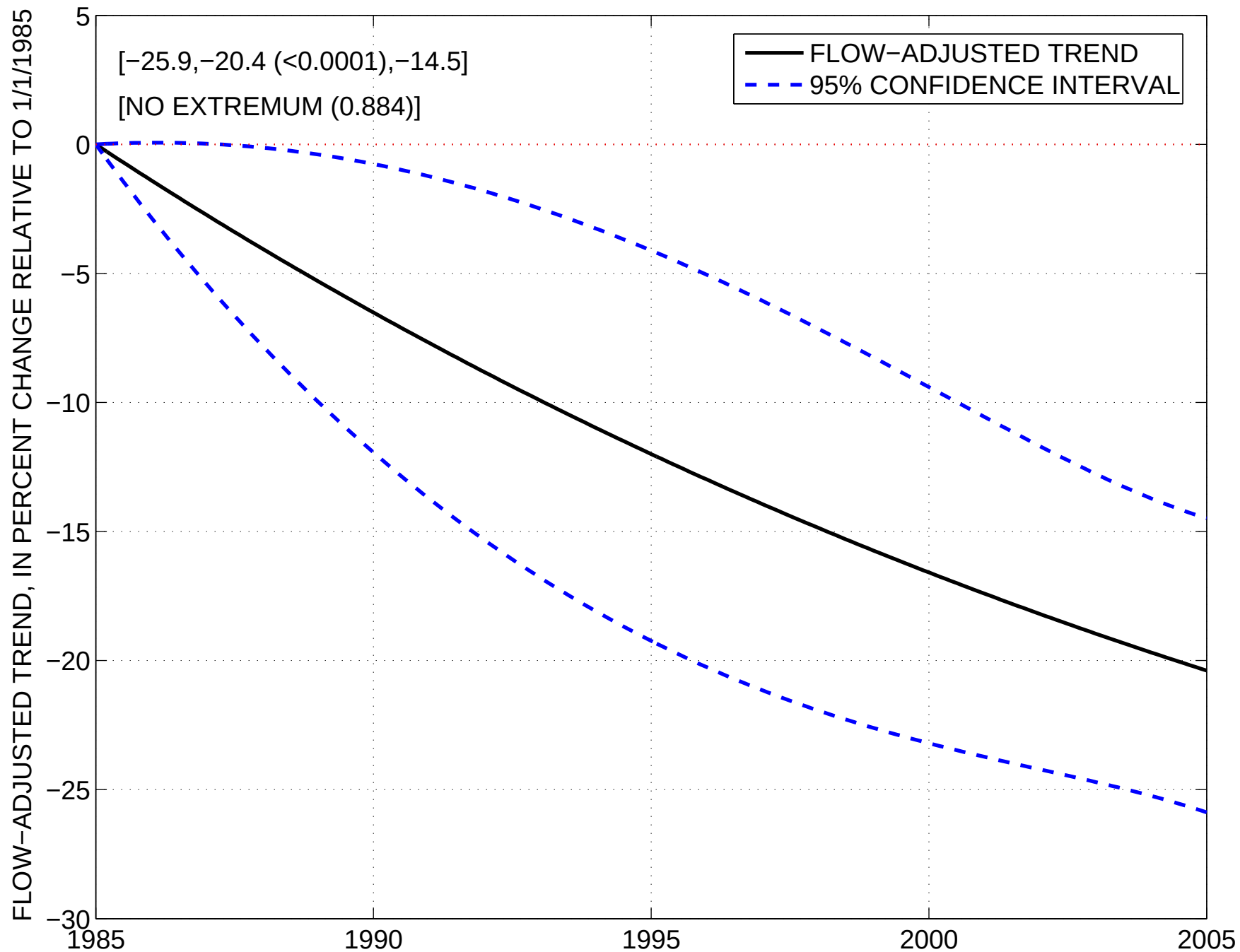
01540500: SUSQUEHANNA RIVER AT DANVILLE, PA: 00665: TOTAL PHOSPHORUS

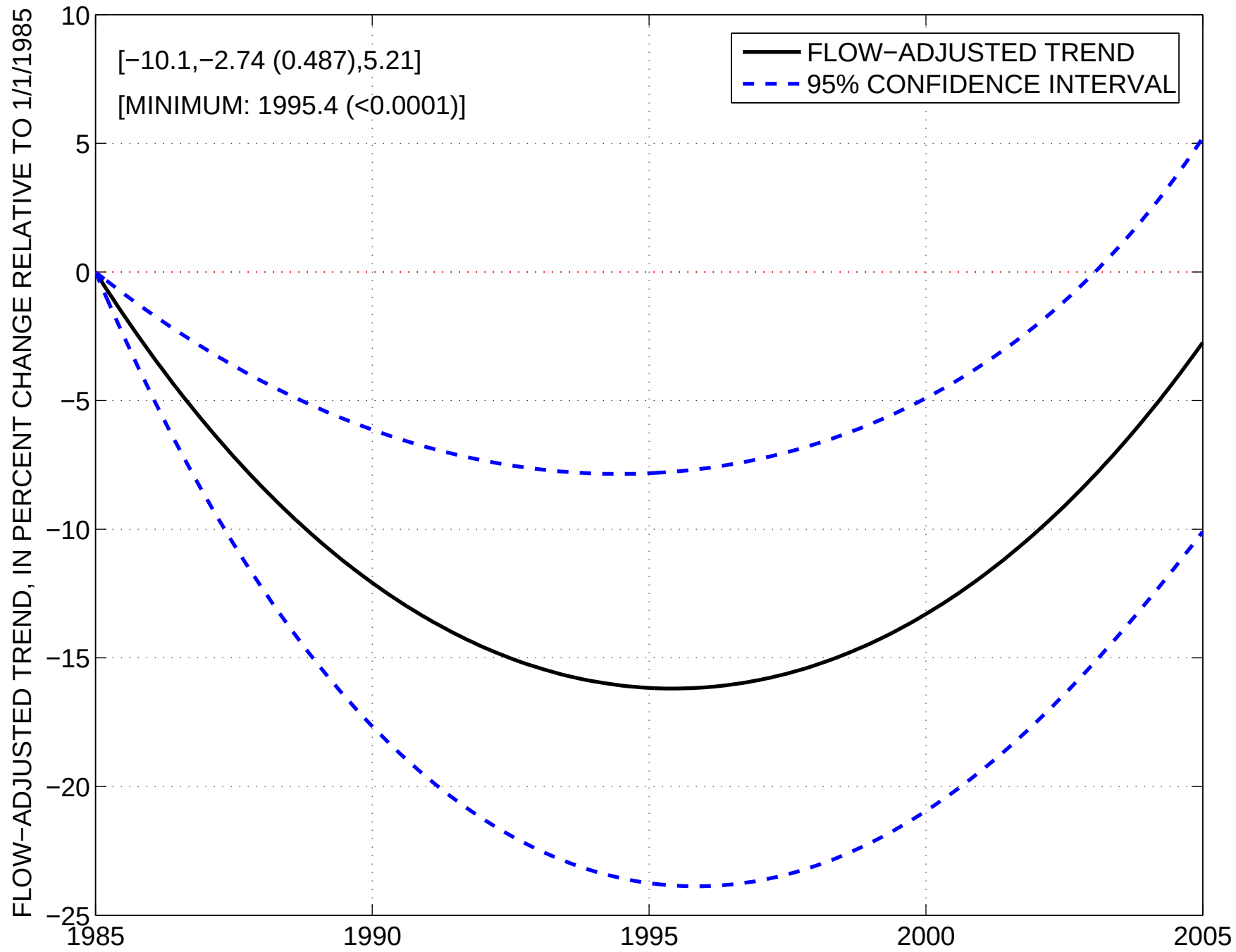


01540500: SUSQUEHANNA RIVER AT DANVILLE, PA: 80154: SEDIMENT

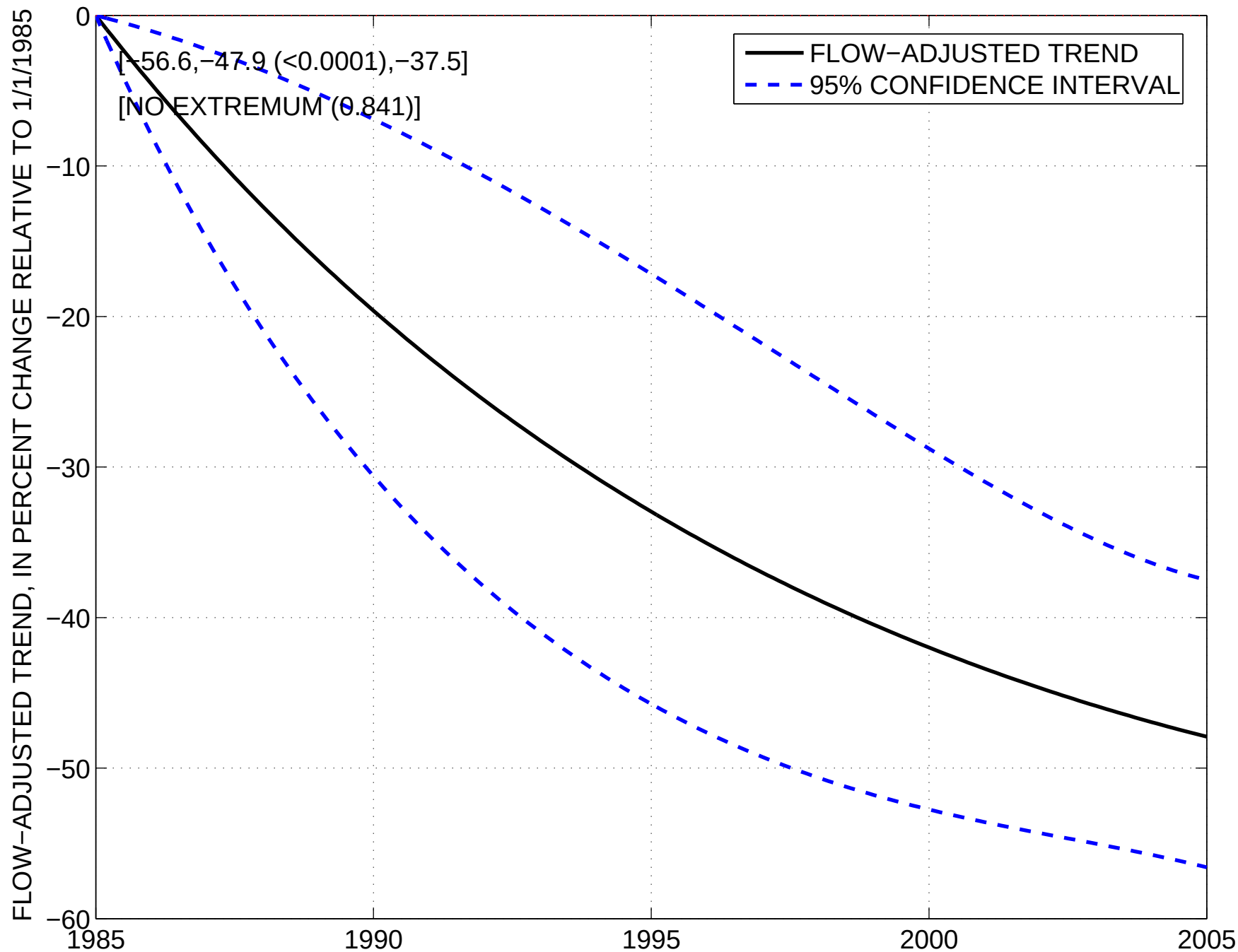


01553500: WEST BRANCH SUSQUEHANNA RIVER AT LEWISBURG, PA: 00600: TOTAL NITROGEN

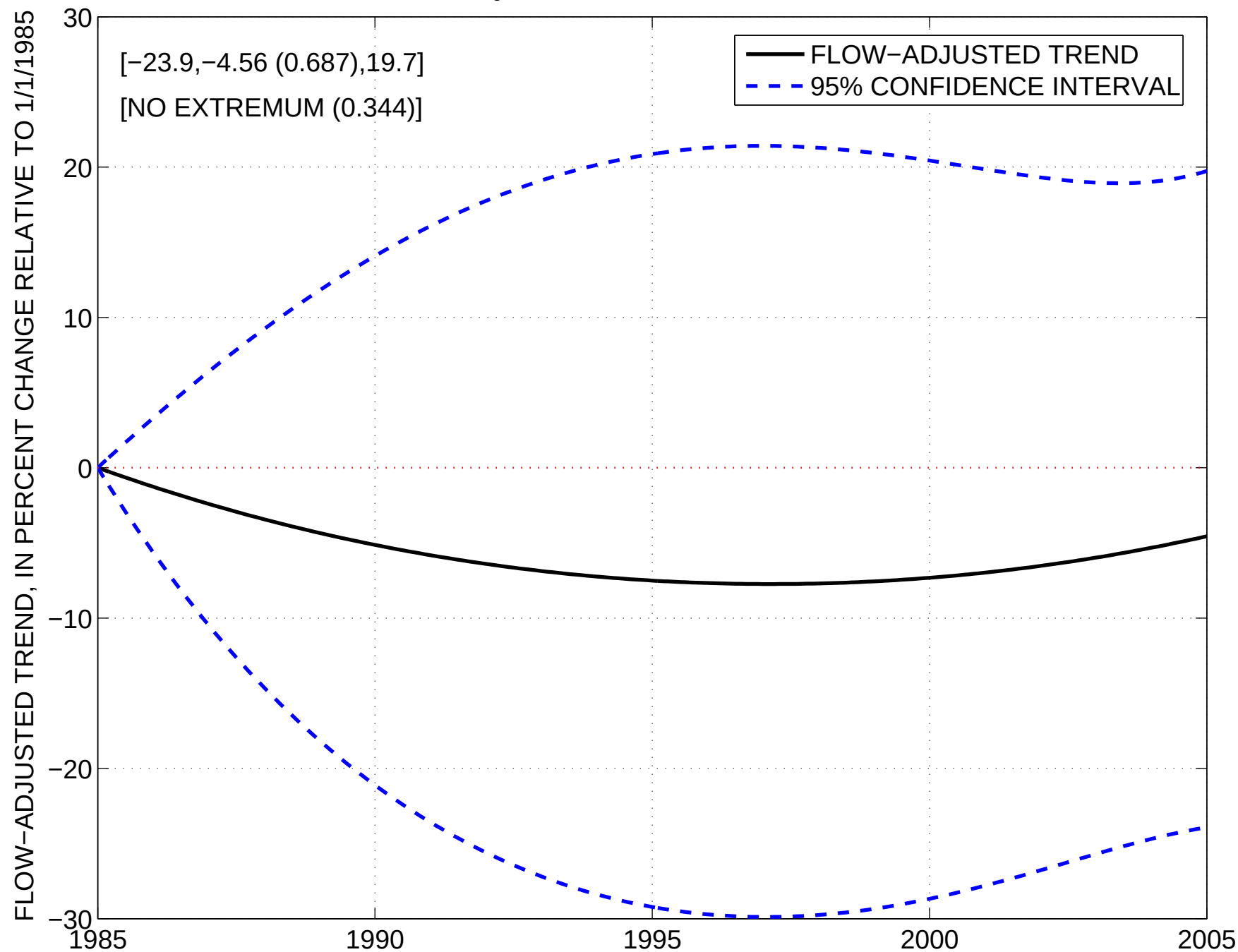




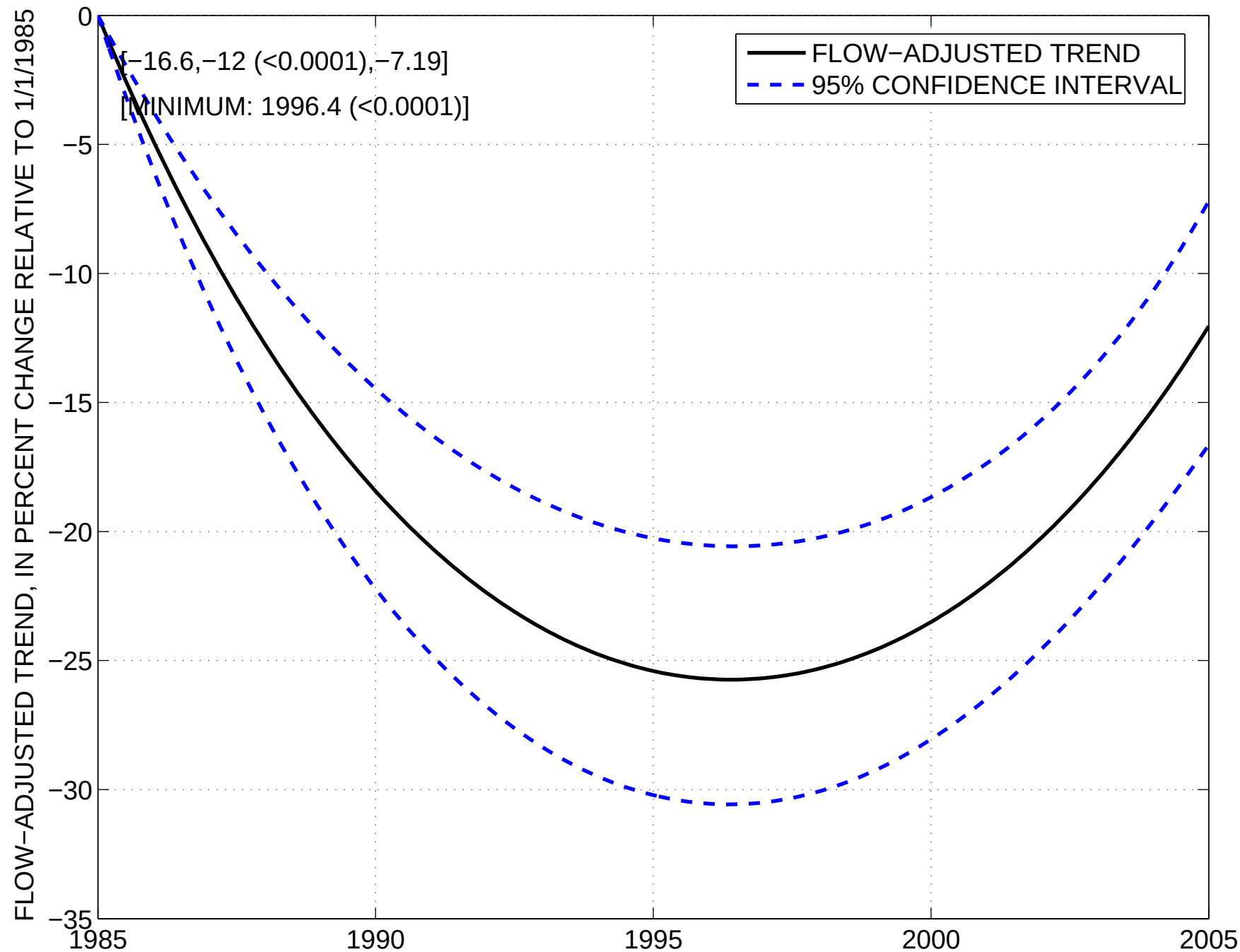
01553500: WEST BRANCH SUSQUEHANNA RIVER AT LEWISBURG, PA: 00665: TOTAL PHOSPHORUS



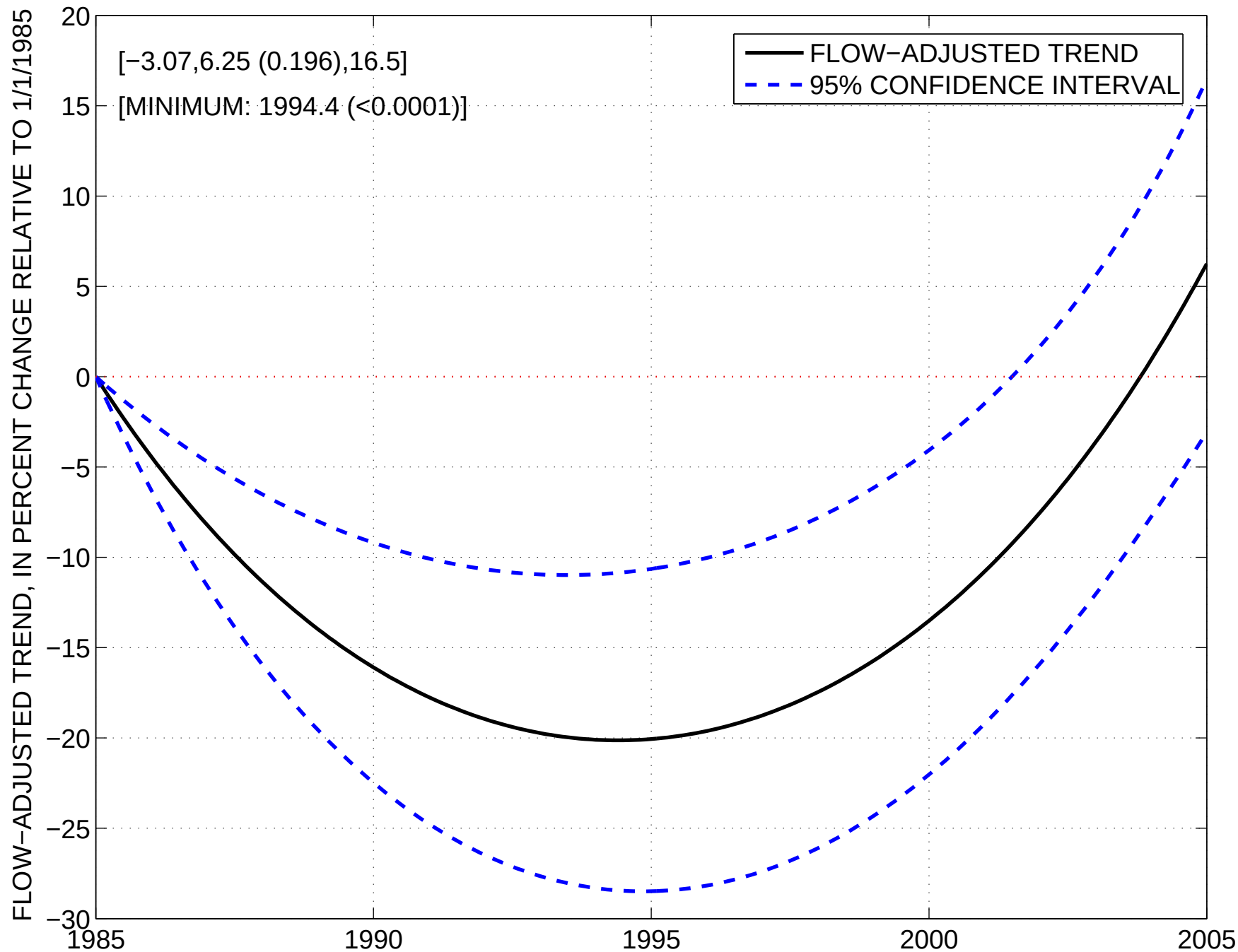
01553500: WEST BRANCH SUSQUEHANNA RIVER AT LEWISBURG, PA: 80154: SEDIMENT



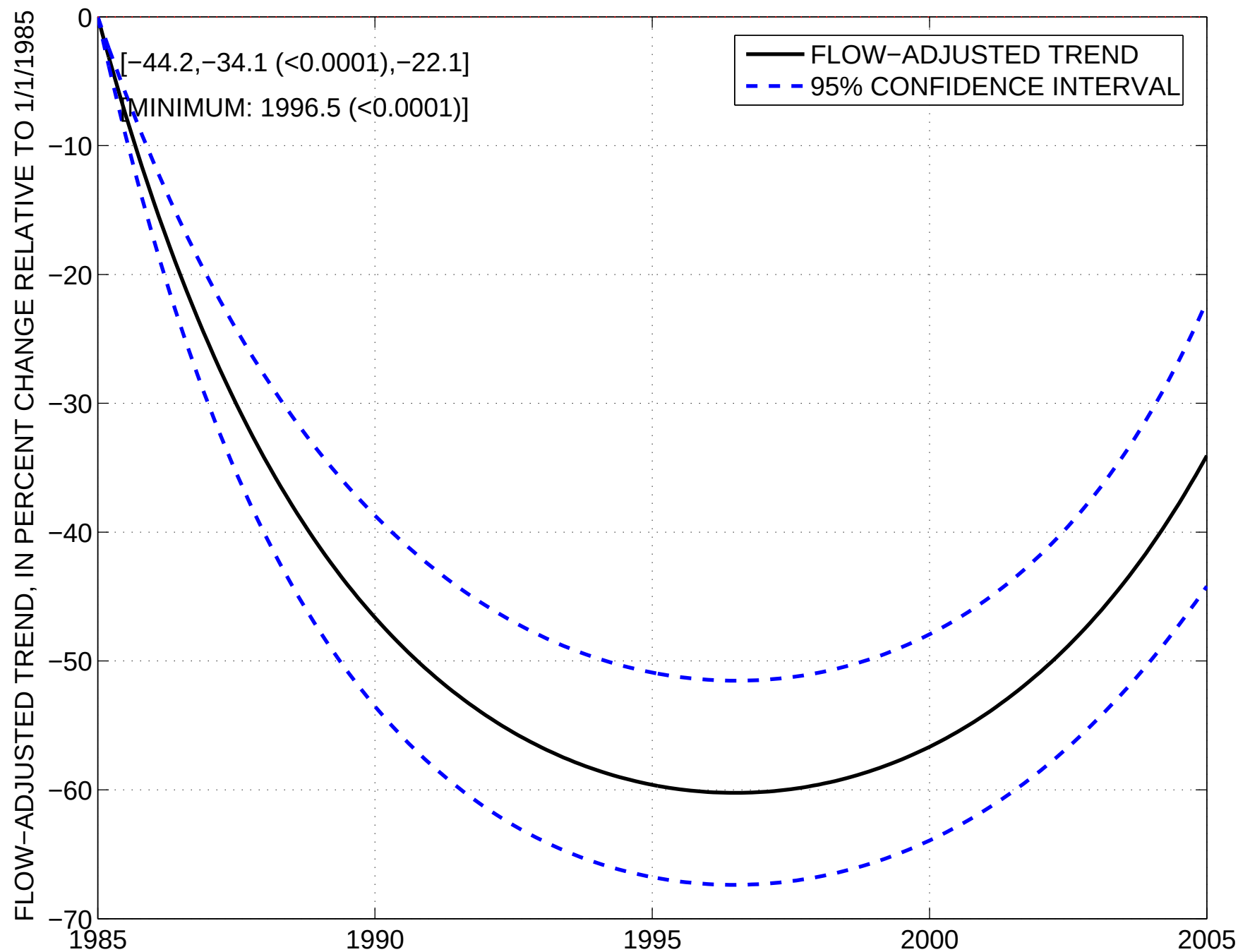
01567000: JUNIATA RIVER AT NEWPORT, PA: 00600: TOTAL NITROGEN



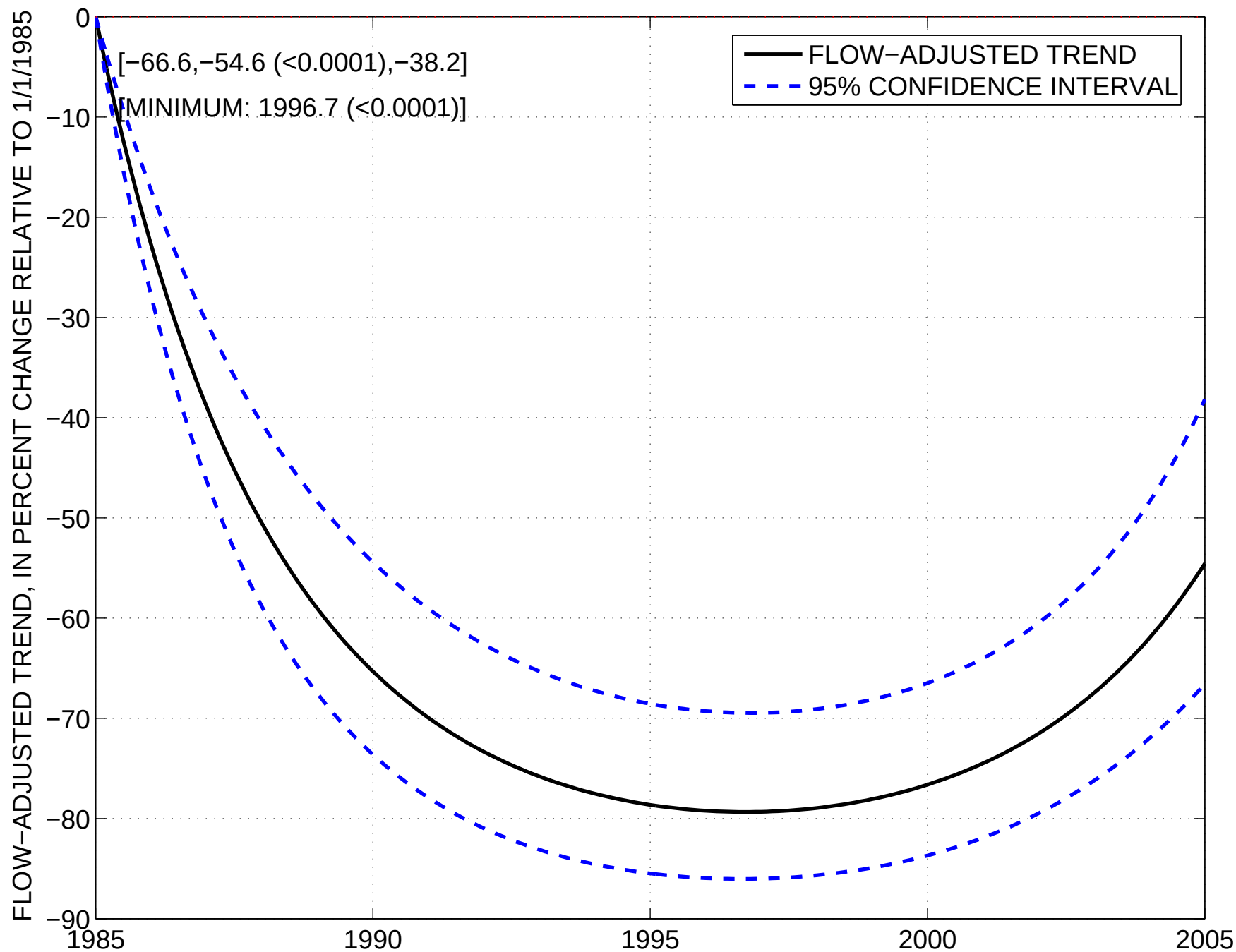
01567000: JUNIATA RIVER AT NEWPORT, PA: 00631: DISSOLVED NITRITE PLUS NITRATE



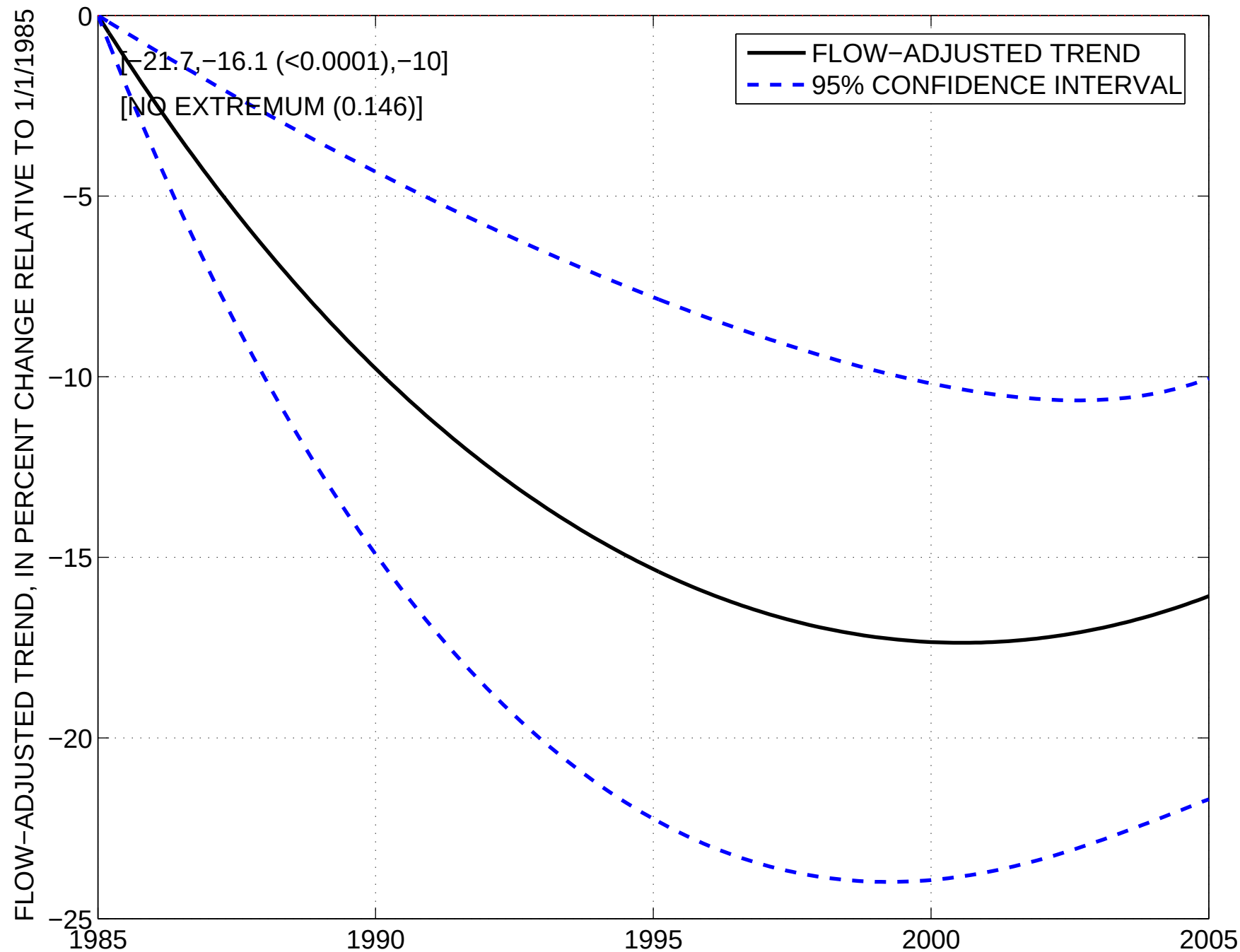
01567000: JUNIATA RIVER AT NEWPORT, PA: 00665: TOTAL PHOSPHORUS



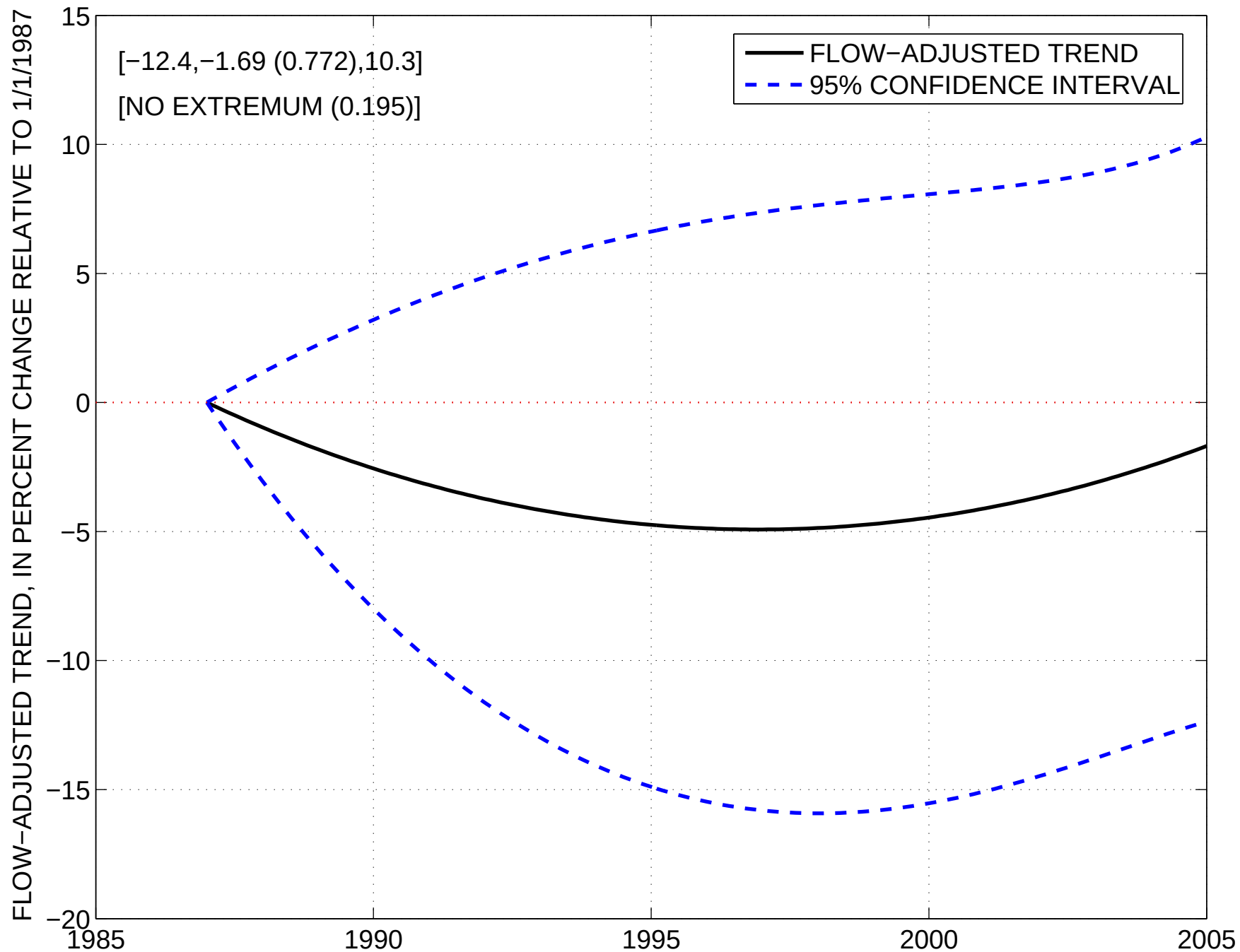
01567000: JUNIATA RIVER AT NEWPORT, PA: 80154: SEDIMENT



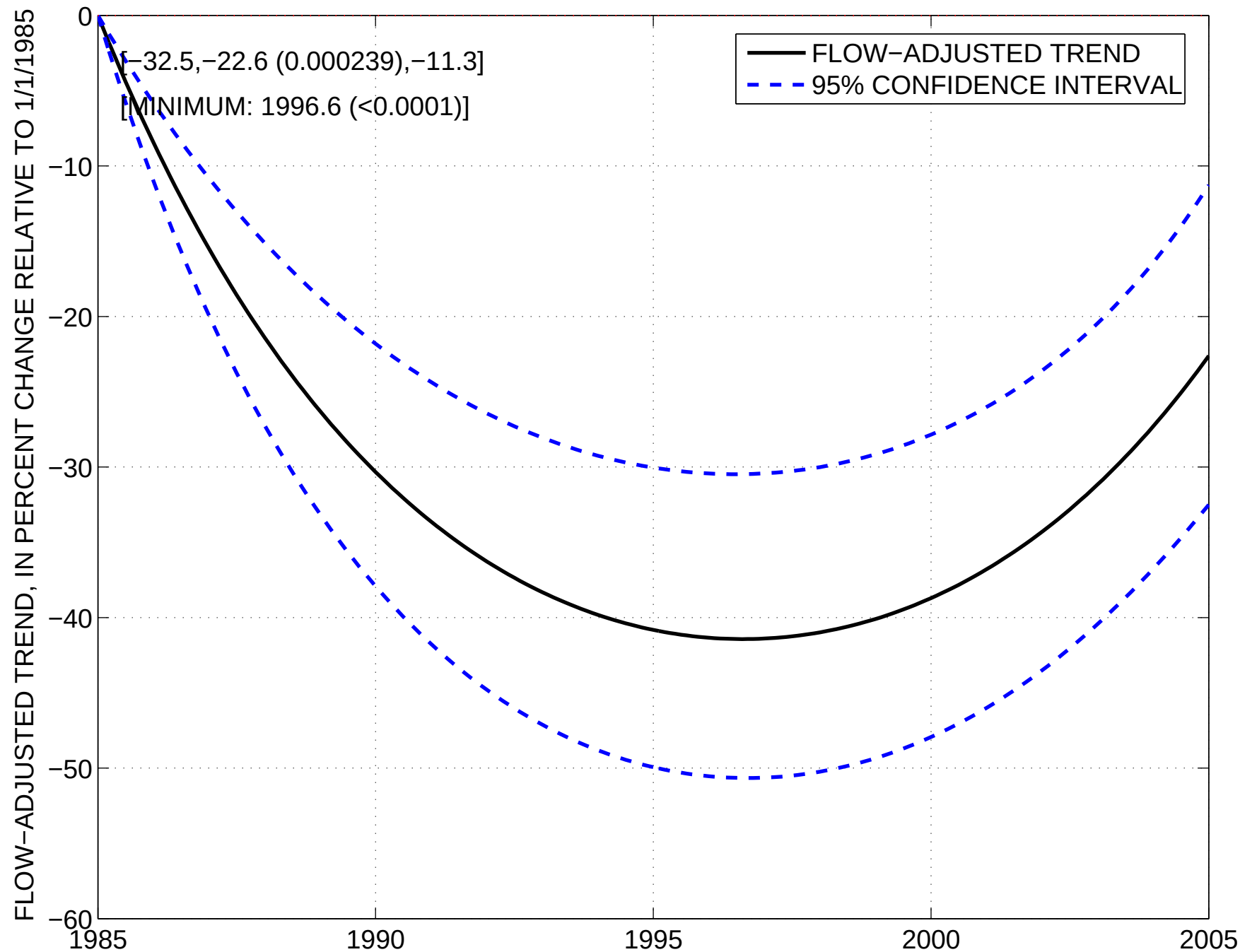
01576000: SUSQUEHANNA RIVER AT MARIETTA, PA: 00600: TOTAL NITROGEN



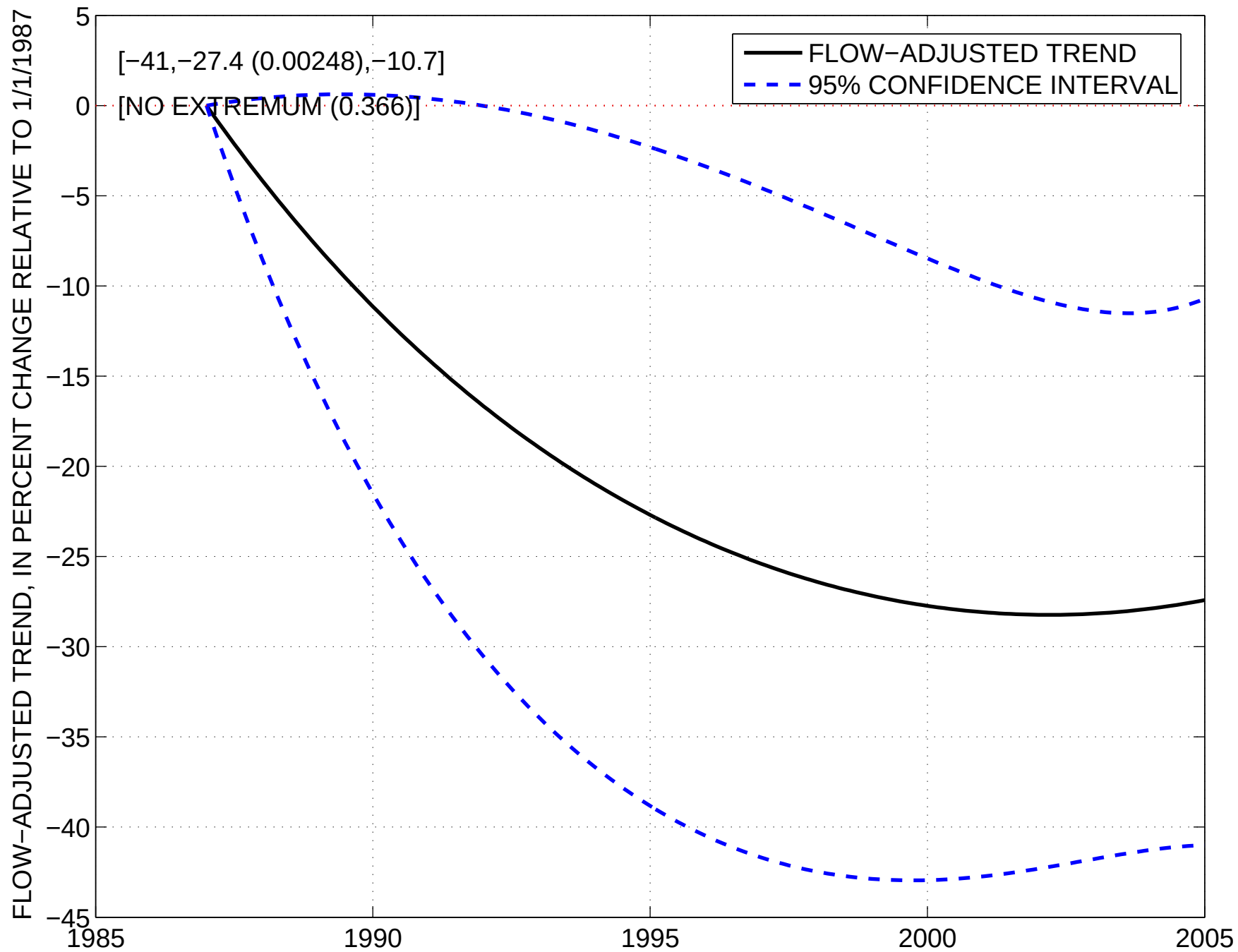
01576000: SUSQUEHANNA RIVER AT MARIETTA, PA: 00631: DISSOLVED NITRITE PLUS NITRATE



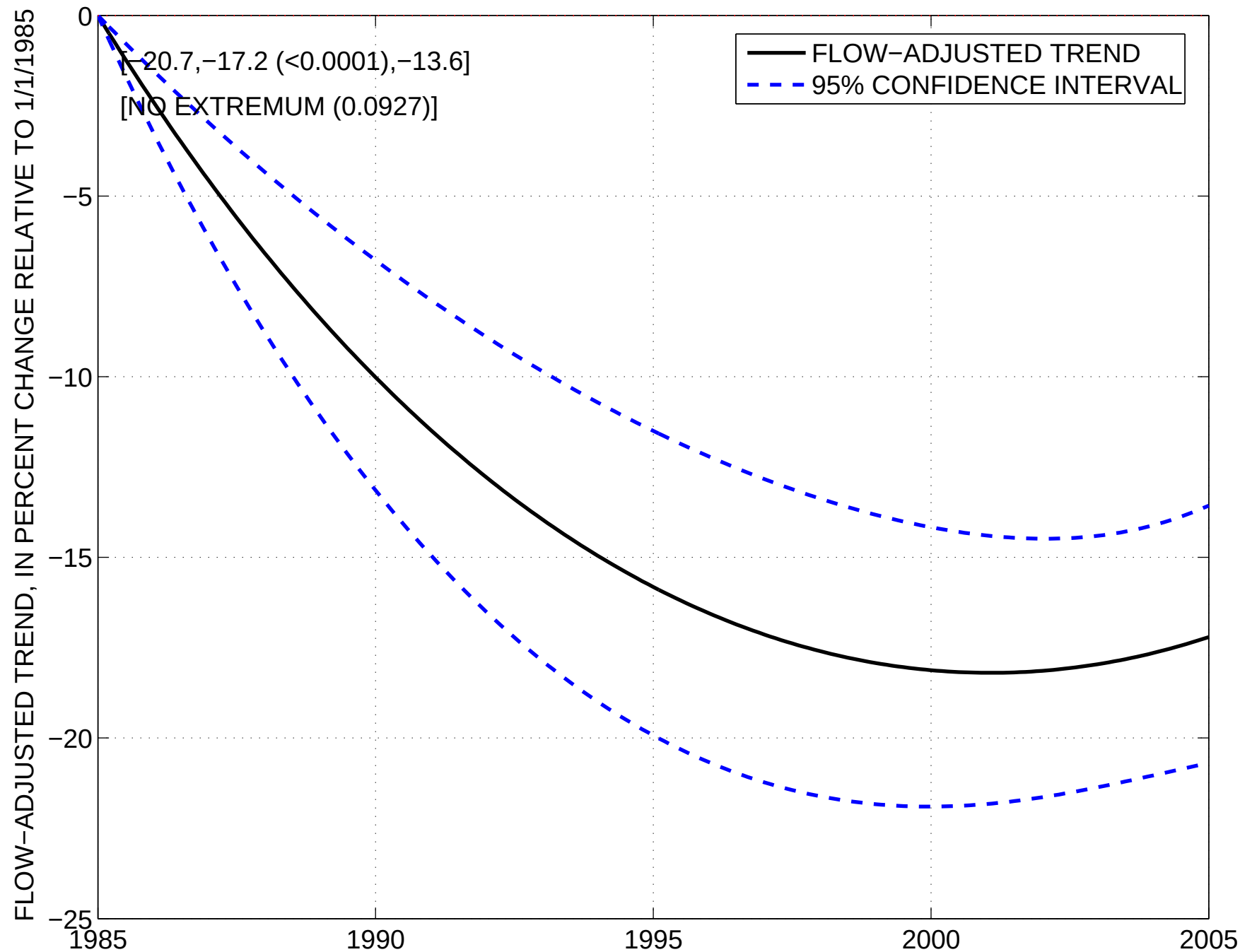
01576000: SUSQUEHANNA RIVER AT MARIETTA, PA: 00665: TOTAL PHOSPHORUS



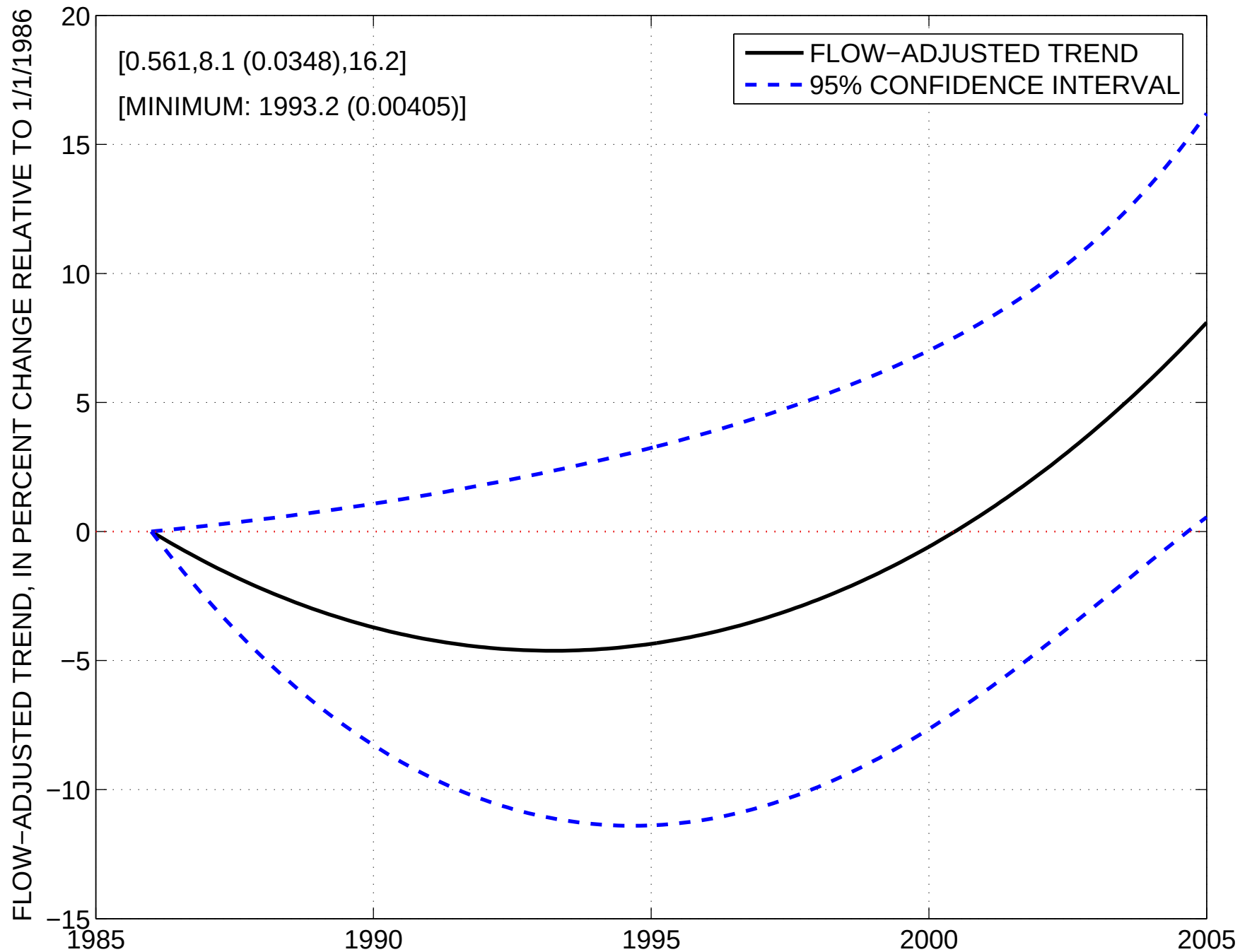
01576000: SUSQUEHANNA RIVER AT MARIETTA, PA: 80154: SEDIMENT



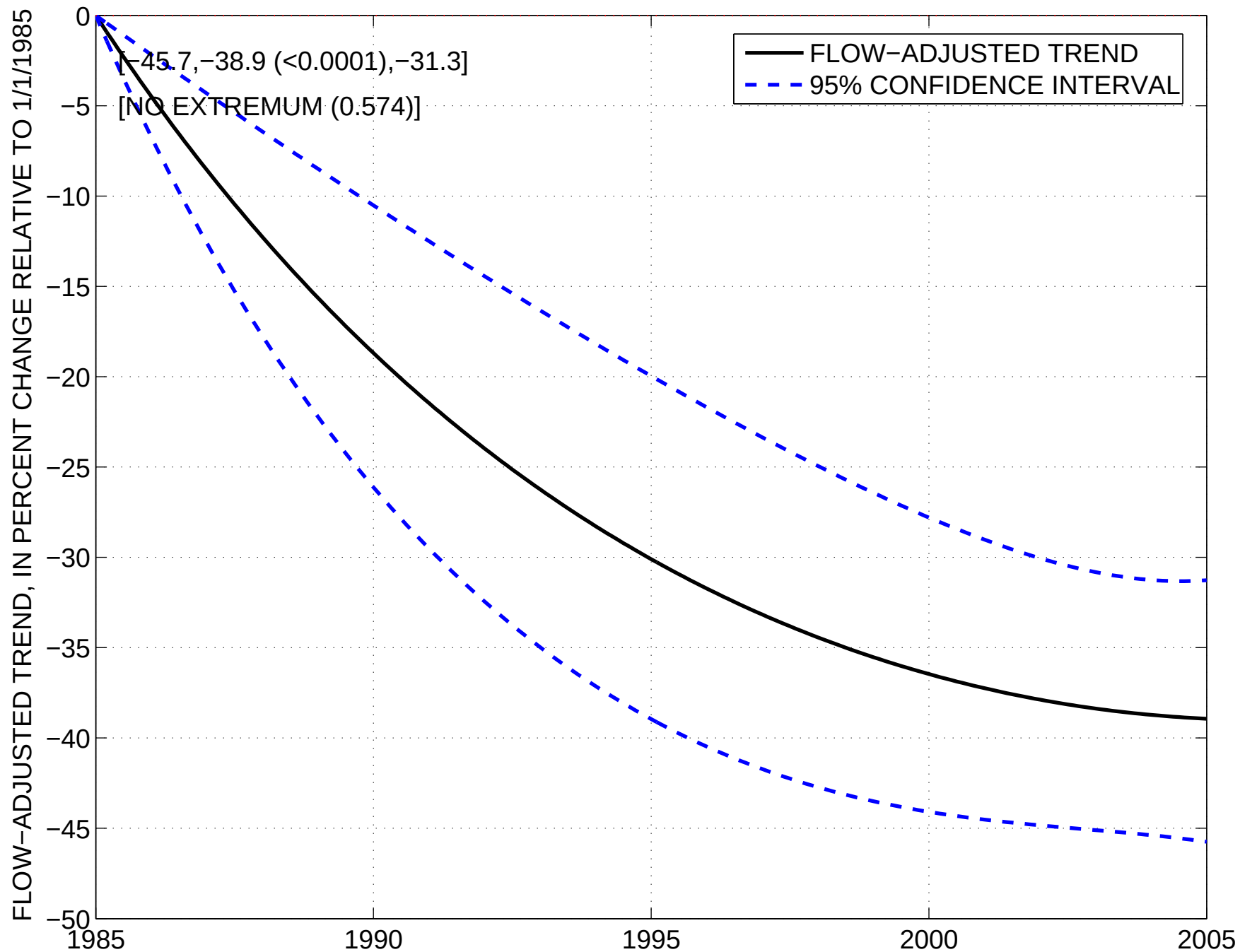
01576754: CONESTOGA RIVER AT CONESTOGA, PA: 00600: TOTAL NITROGEN



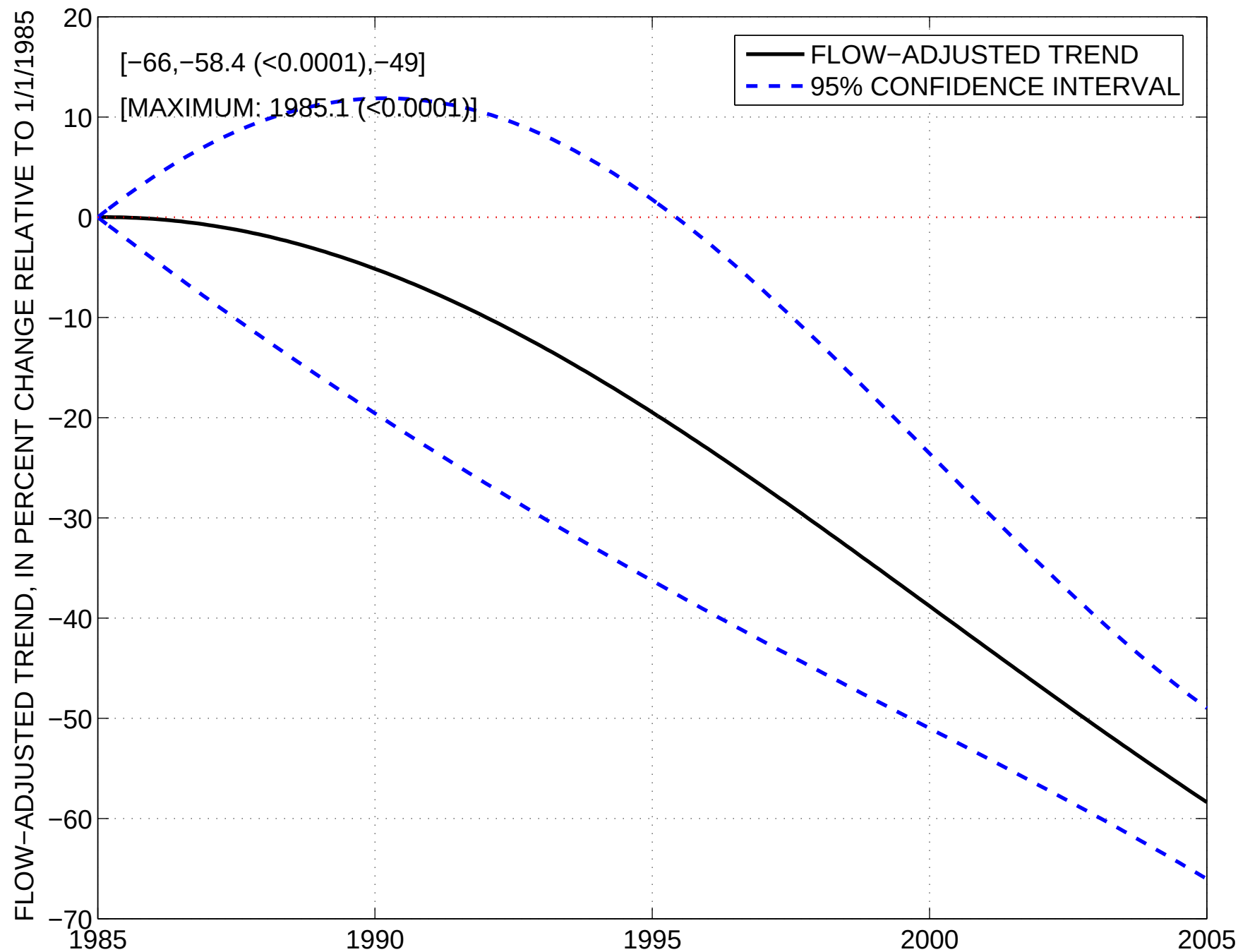
01576754: CONESTOGA RIVER AT CONESTOGA, PA: 00631: DISSOLVED NITRITE PLUS NITRATE



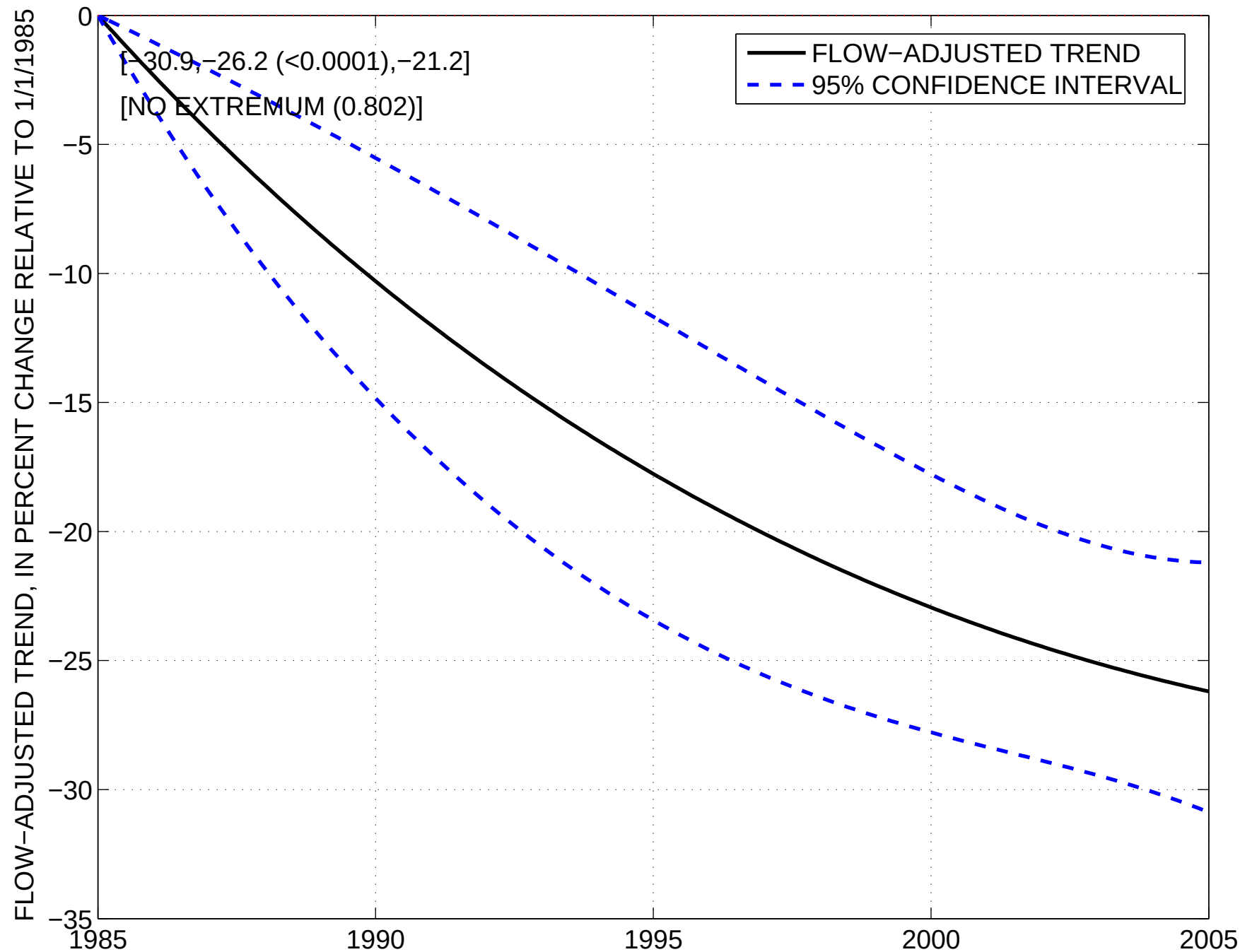
01576754: CONESTOGA RIVER AT CONESTOGA, PA: 00665: TOTAL PHOSPHORUS



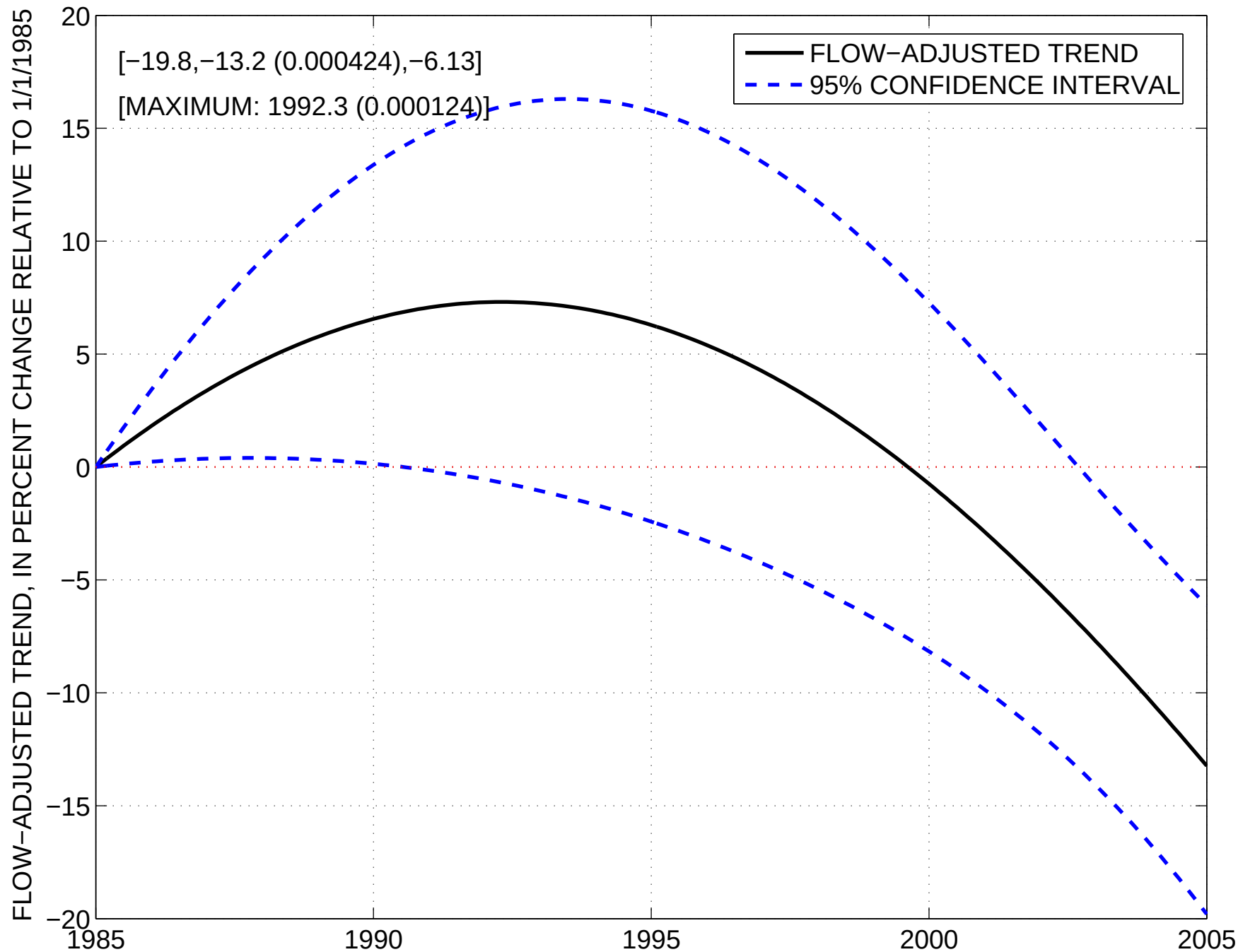
01576754: CONESTOGA RIVER AT CONESTOGA, PA: 80154: SEDIMENT



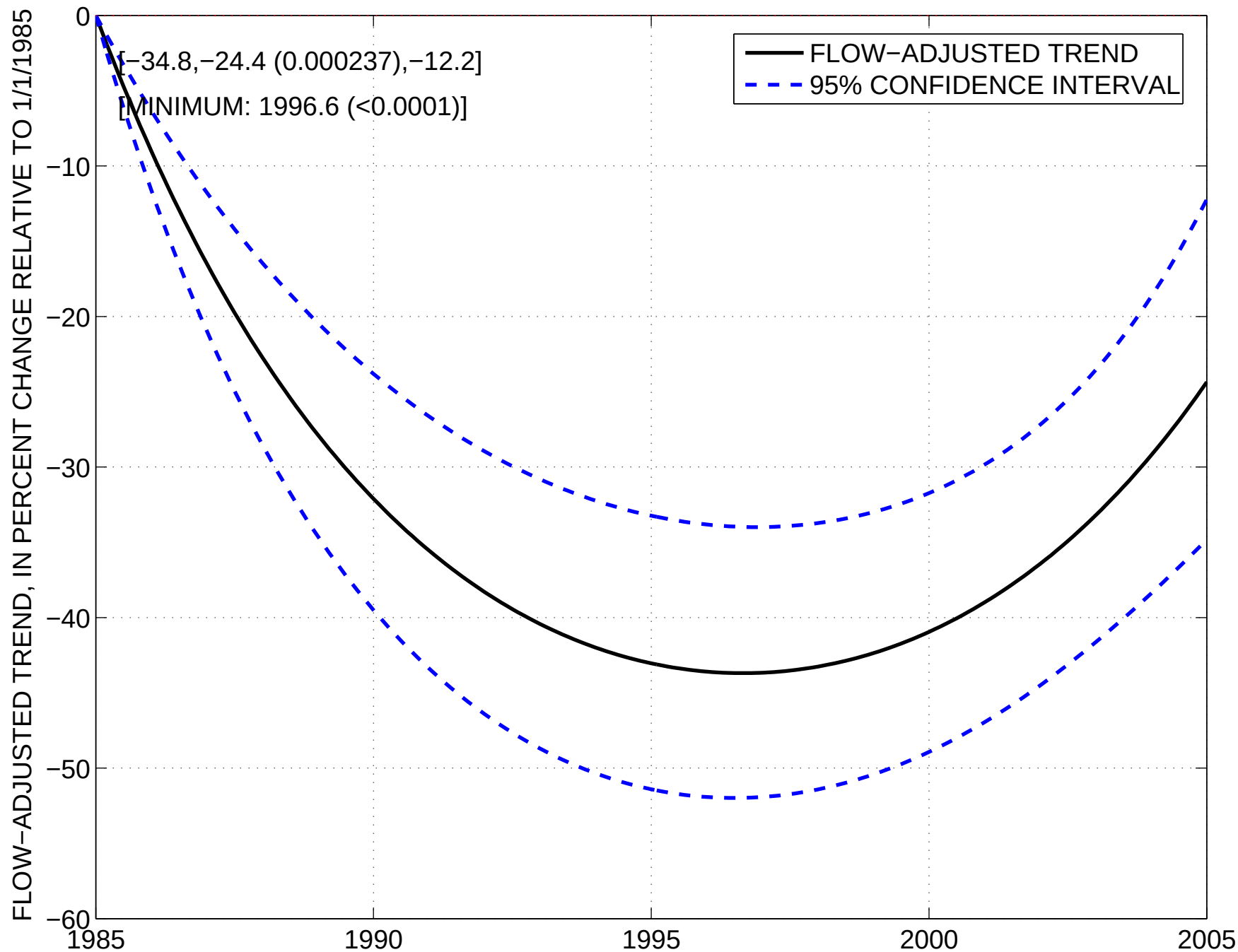
01578310: SUSQUEHANNA RIVER AT CONOWINGO, MD: 00600: TOTAL NITROGEN



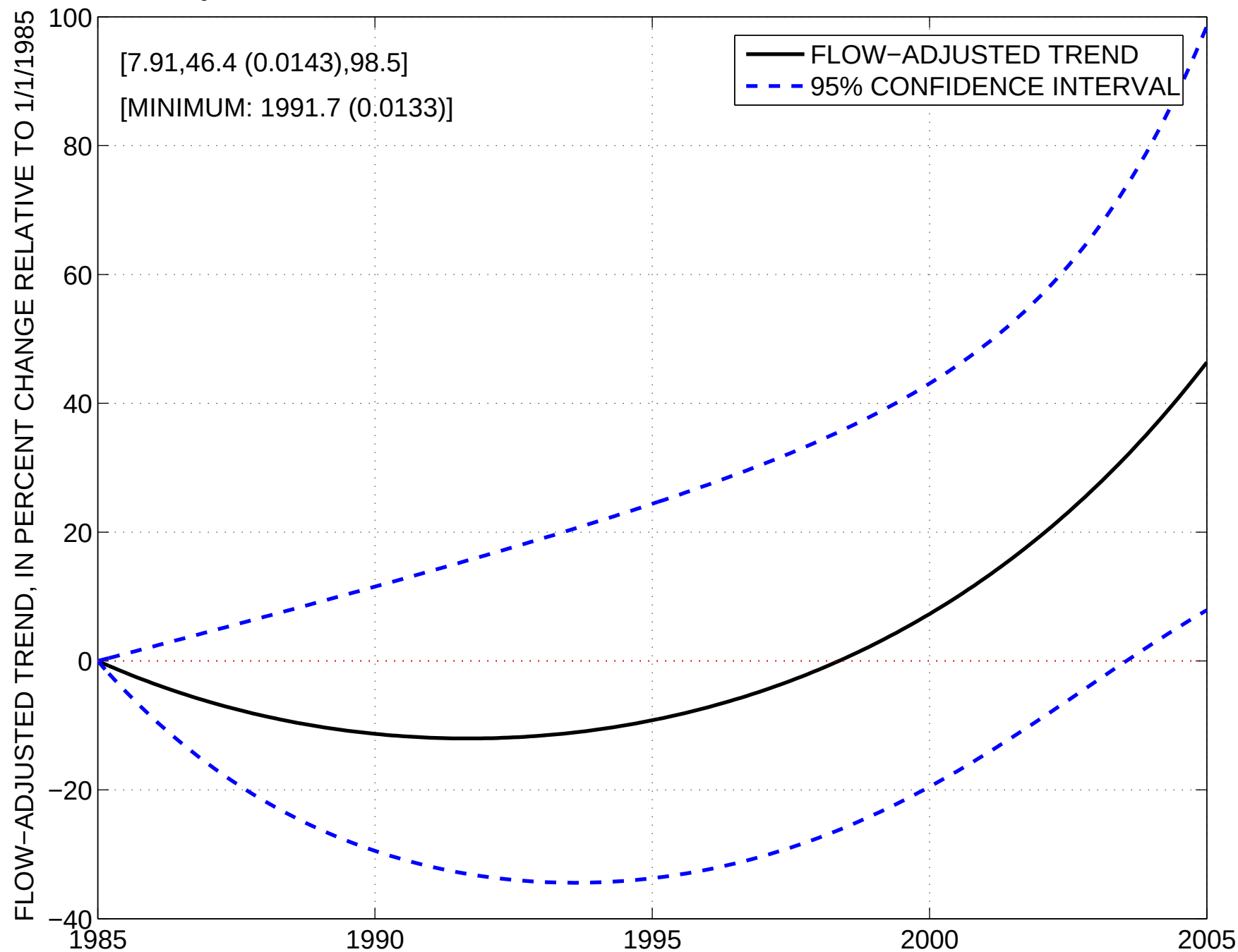
01578310: SUSQUEHANNA RIVER AT CONOWINGO, MD: 00631: DISSOLVED NITRITE PLUS NITRATE



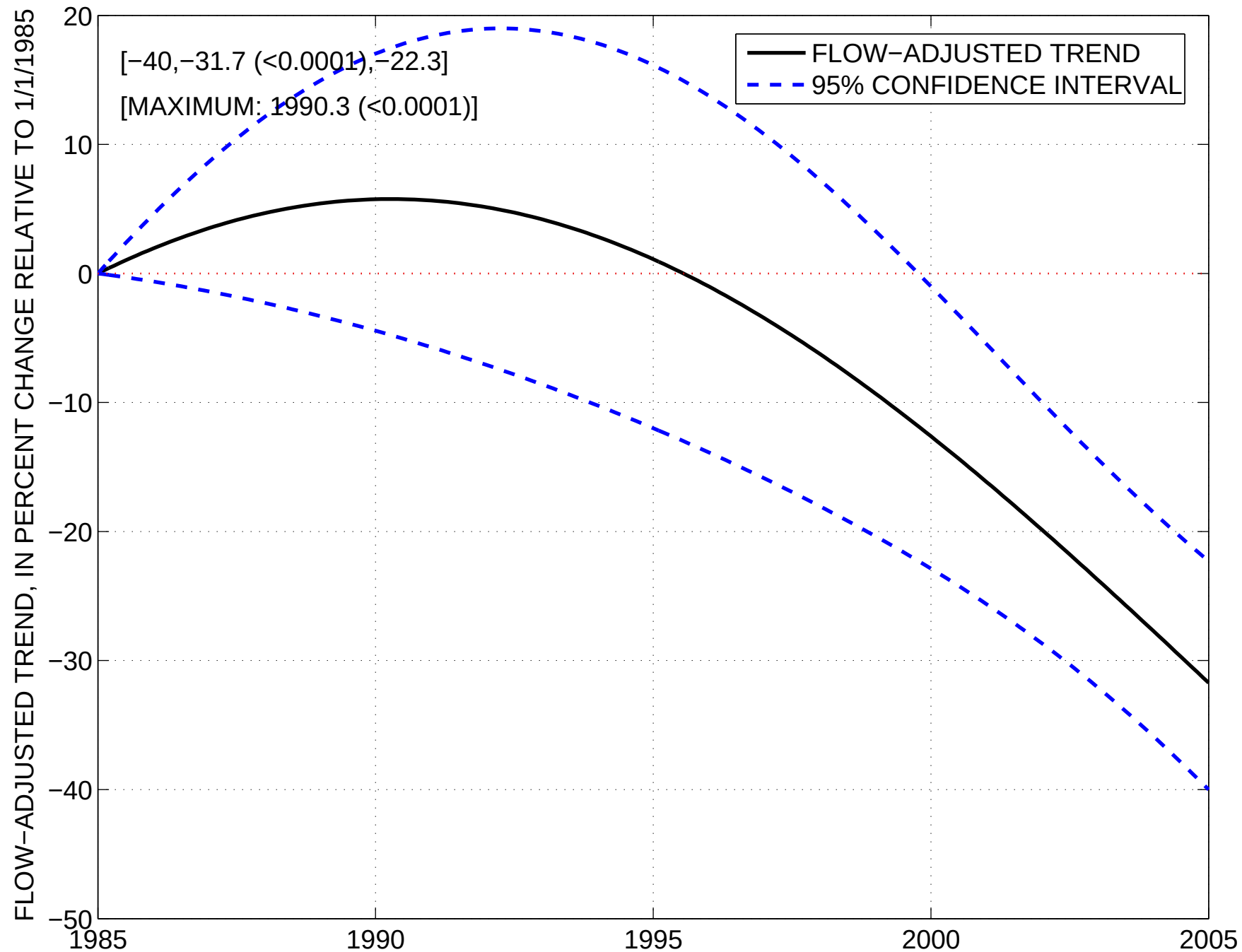
01578310: SUSQUEHANNA RIVER AT CONOWINGO, MD: 00665: TOTAL PHOSPHORUS



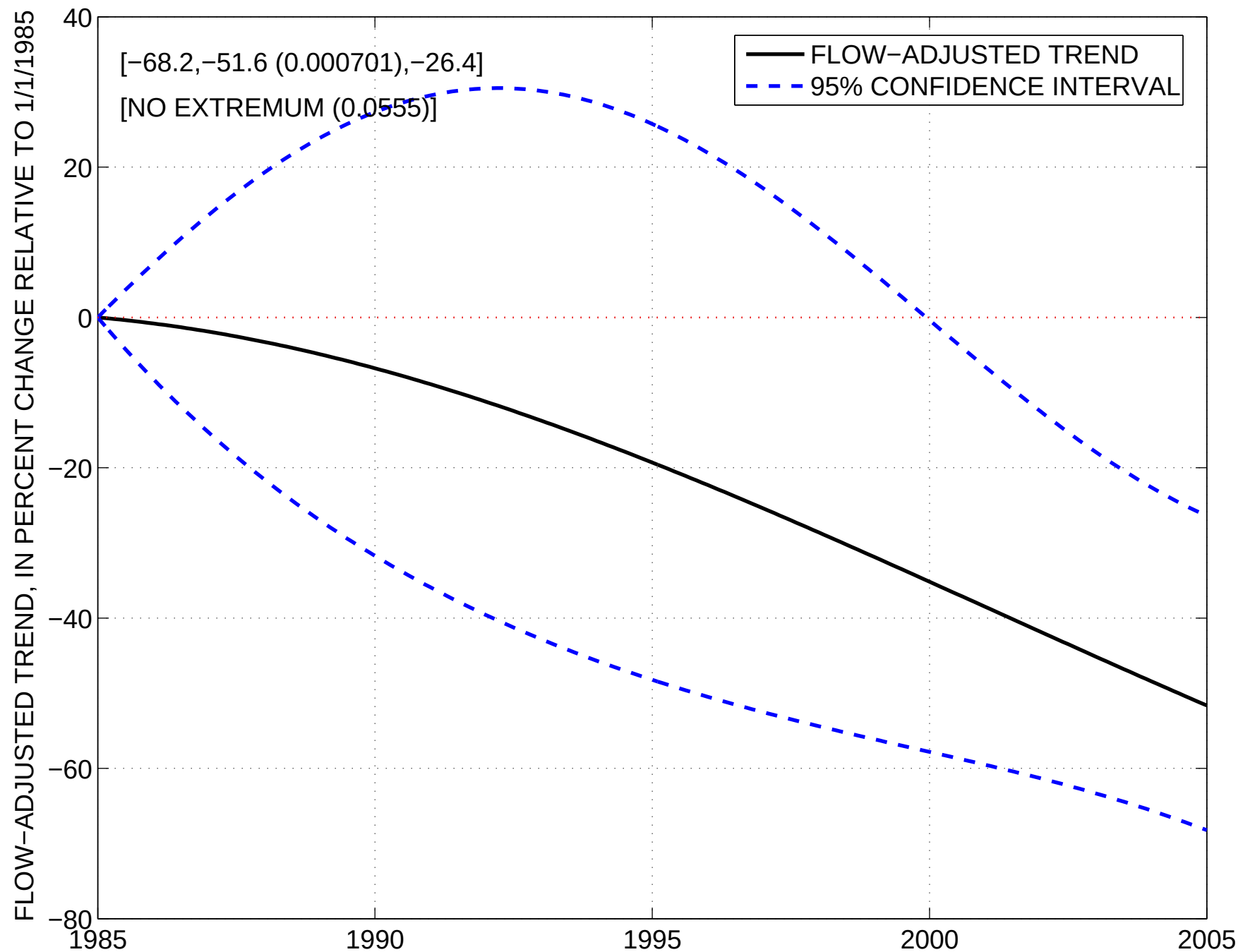
01578310: SUSQUEHANNA RIVER AT CONOWINGO, MD: 00671: DISSOLVED INORGANIC PHOSPHORUS



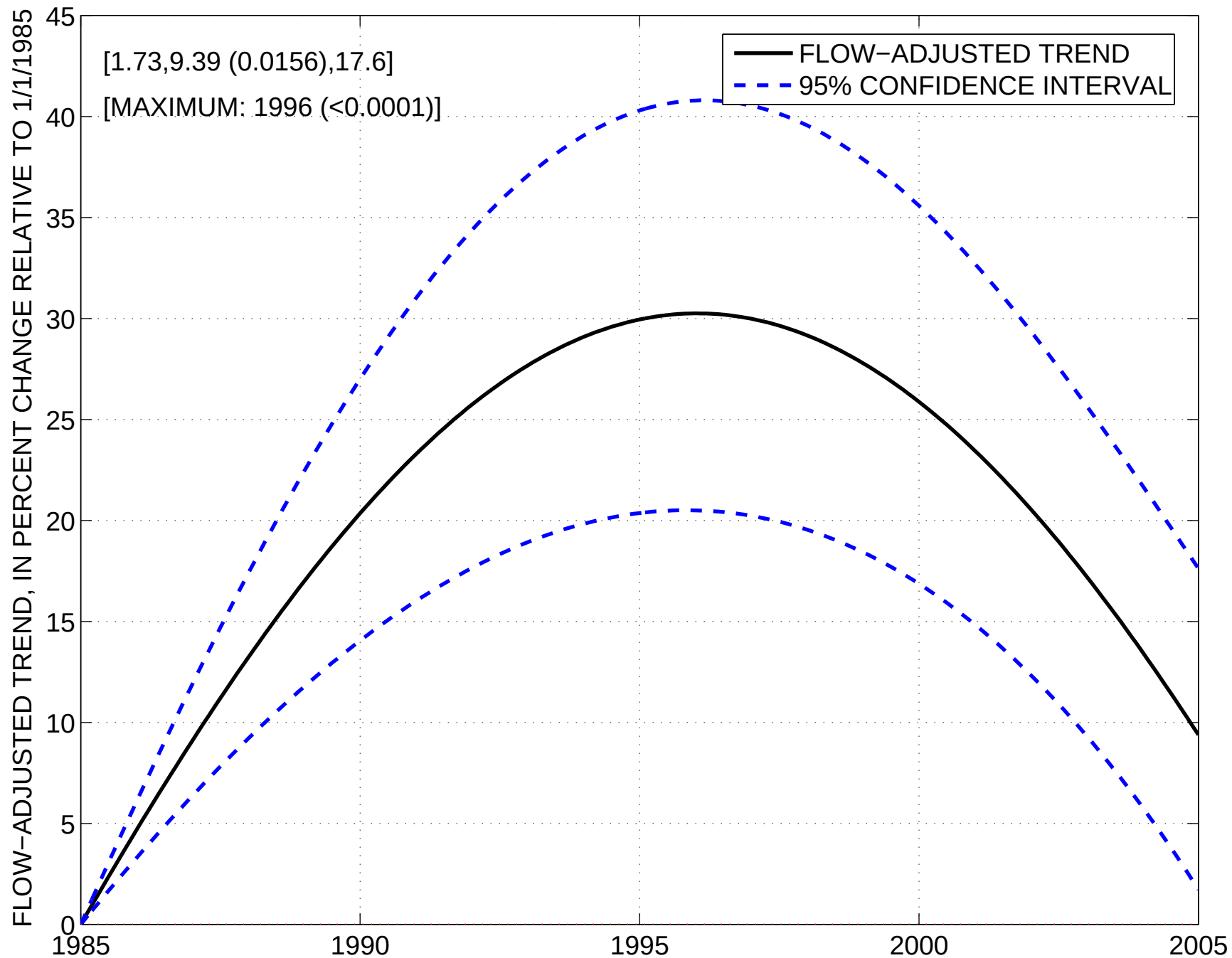
01578310: SUSQUEHANNA RIVER AT CONOWINGO, MD: 80154: SEDIMENT



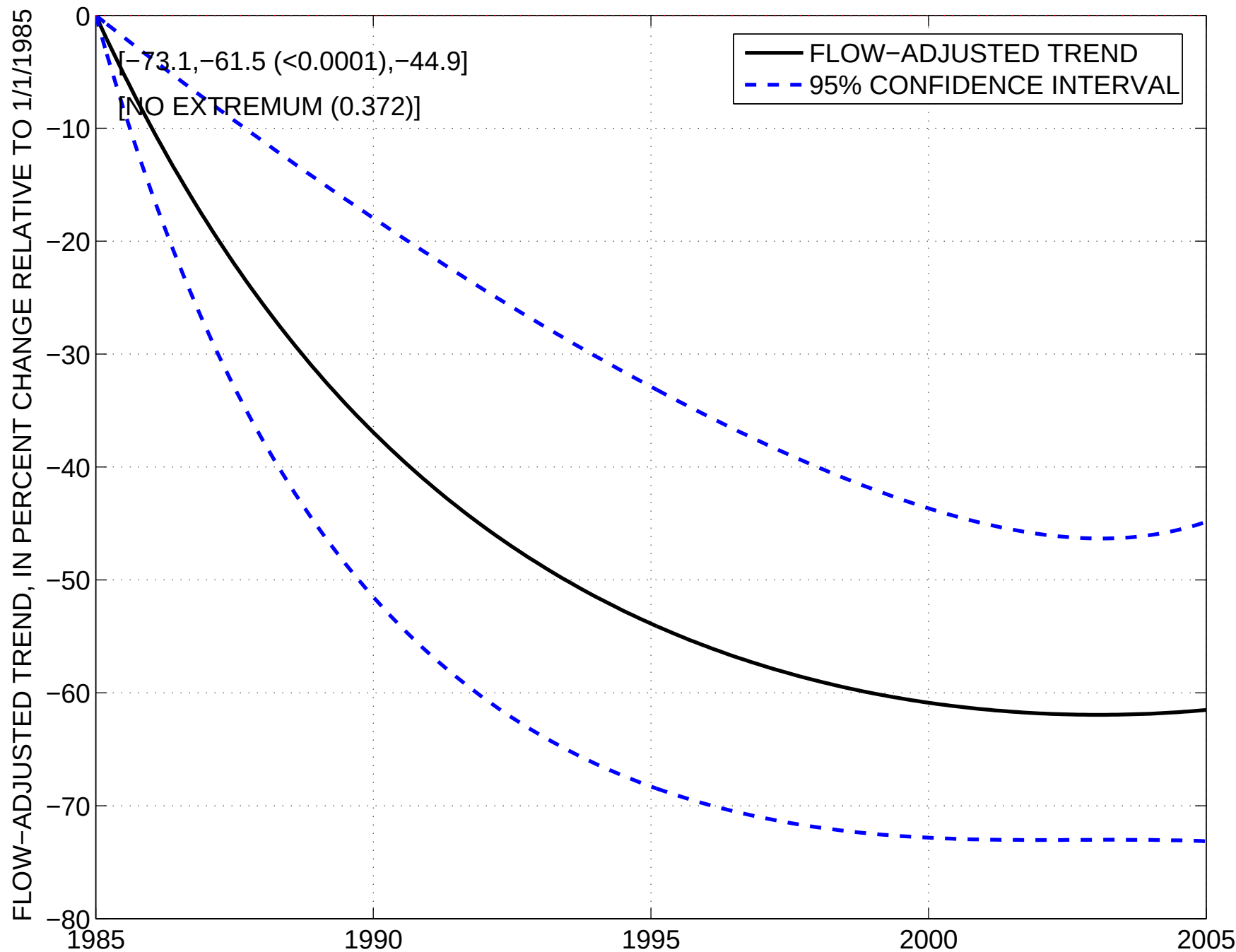
01586000: NORTH BRANCH PATAPSCO RIVER AT CEDARHURST, MD: 00530: SEDIMENT



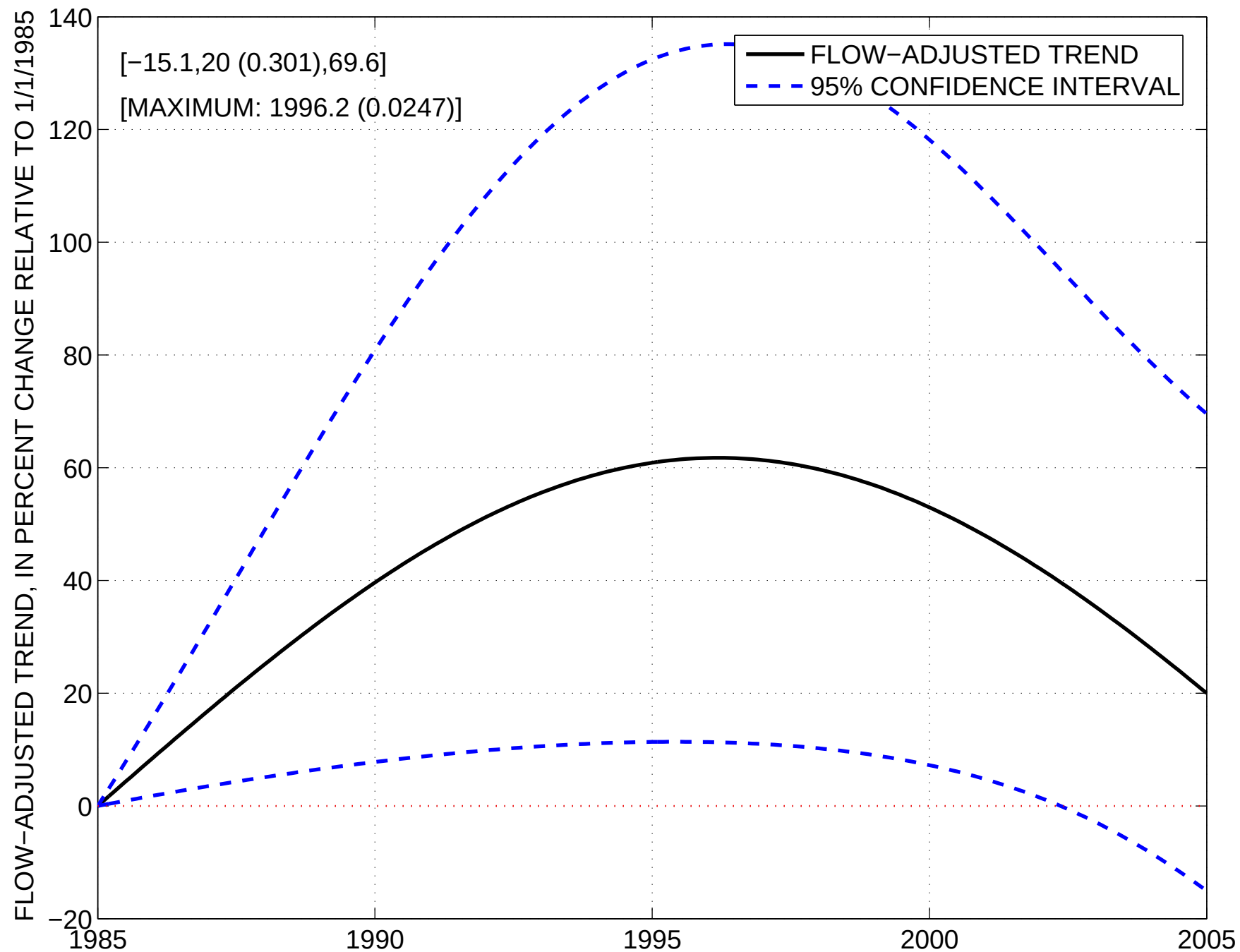
01586000: NORTH BRANCH PATAPSCO RIVER AT CEDARHURST, MD: 00600: TOTAL NITROGEN



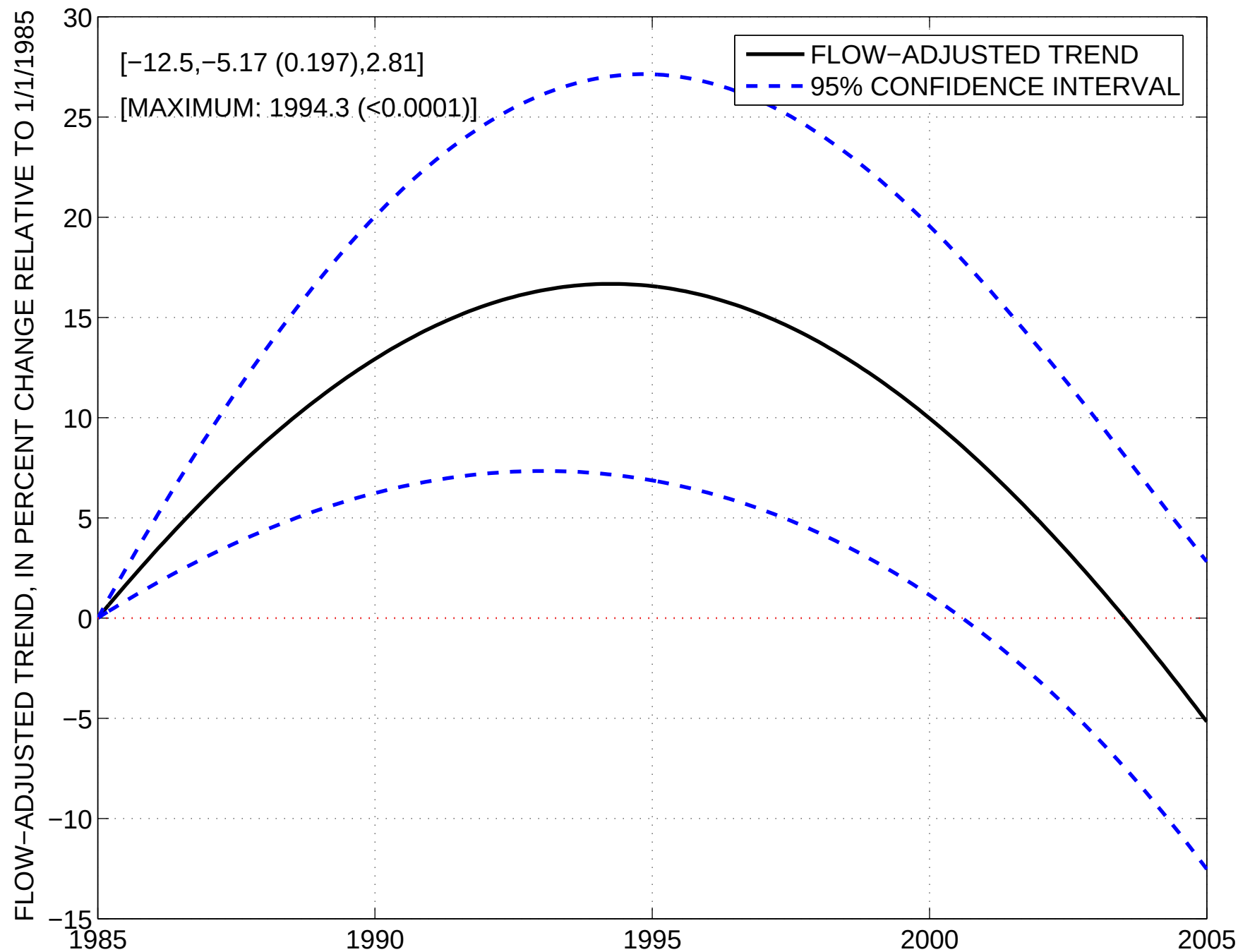
01586000: NORTH BRANCH PATAPSCO RIVER AT CEDARHURST, MD: 00665: TOTAL PHOSPHORUS



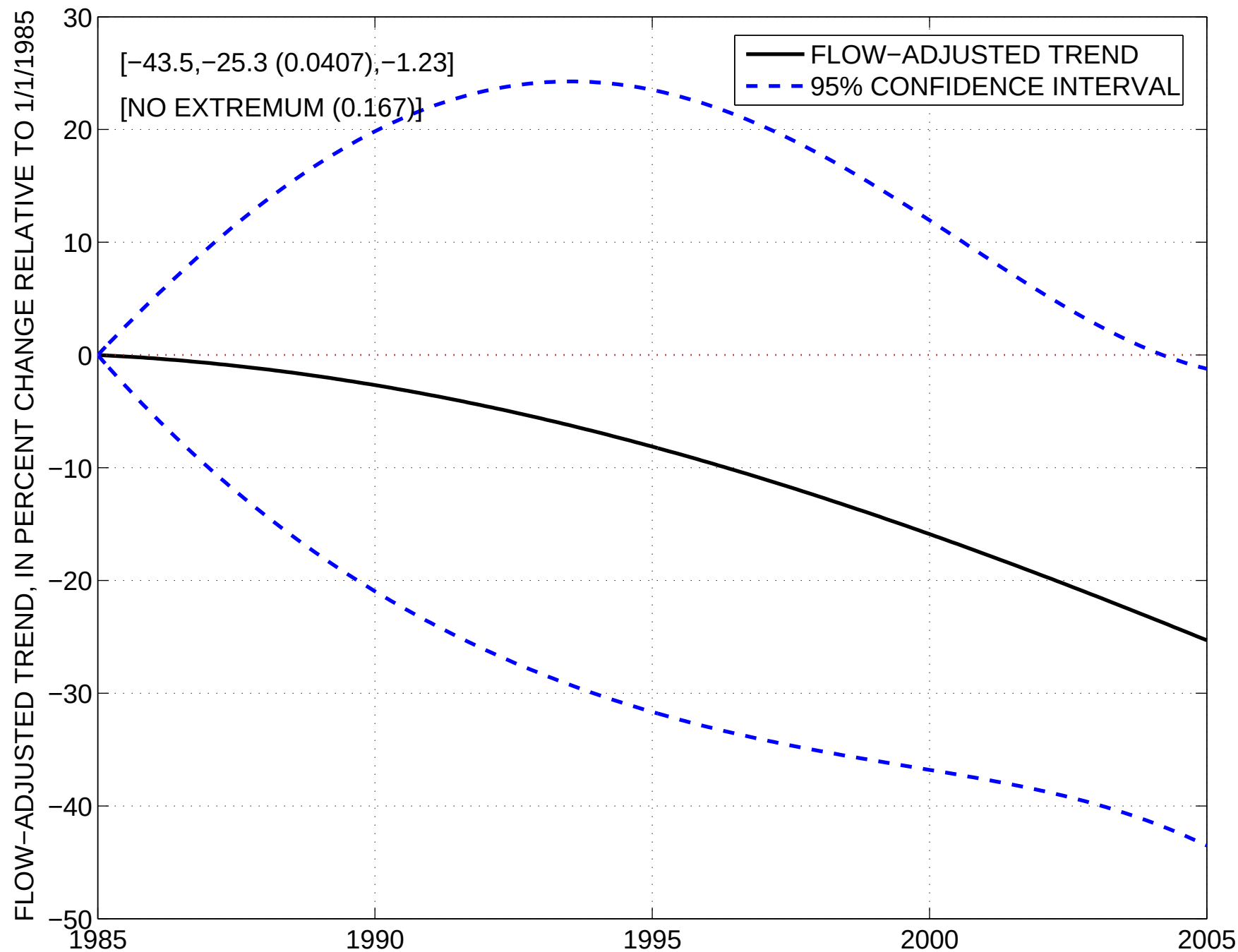
01592500: PATUXENT RIV NEAR LAUREL, MD: 00530: SEDIMENT



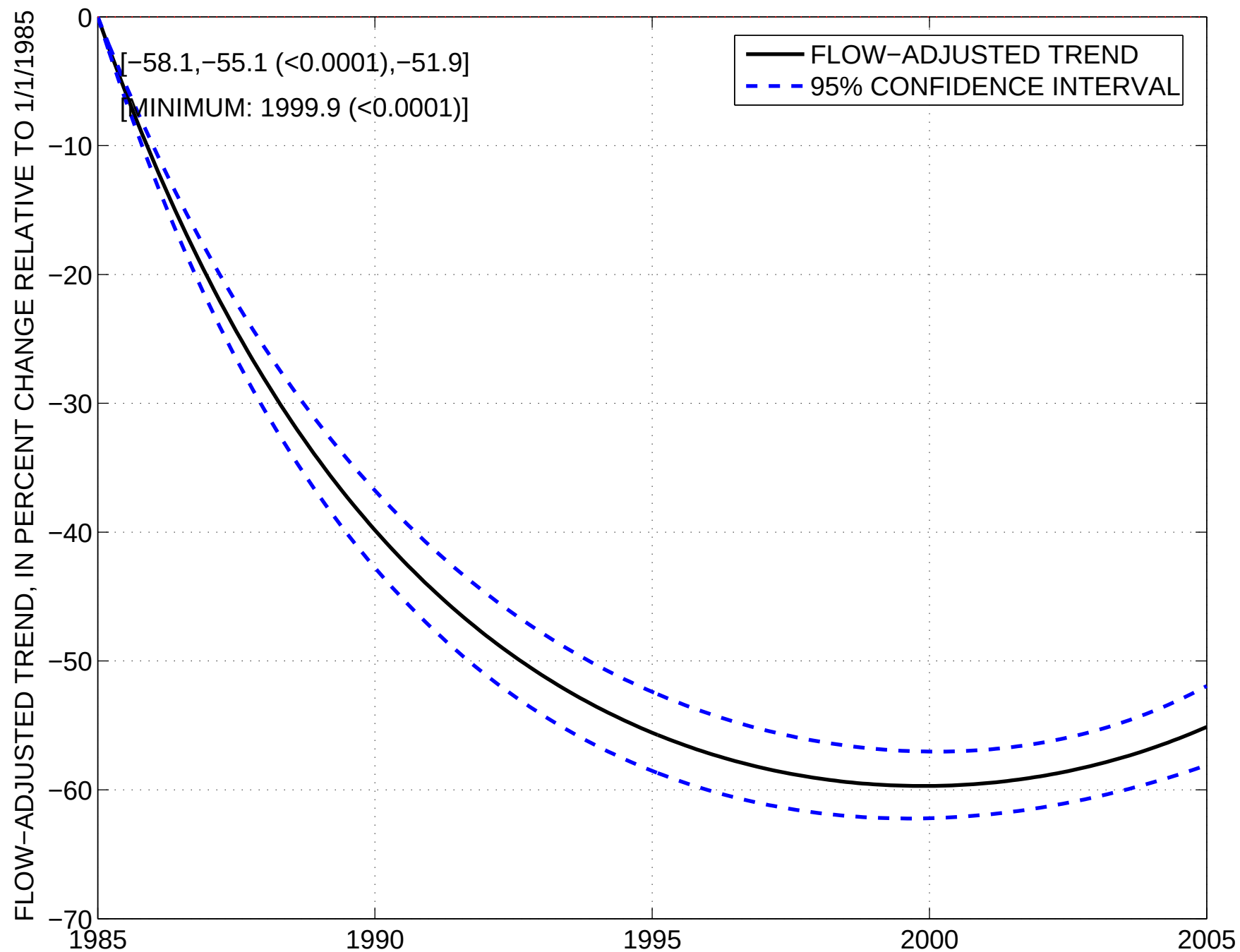
01592500: PATUXENT RIV NEAR LAUREL, MD: 00600: TOTAL NITROGEN



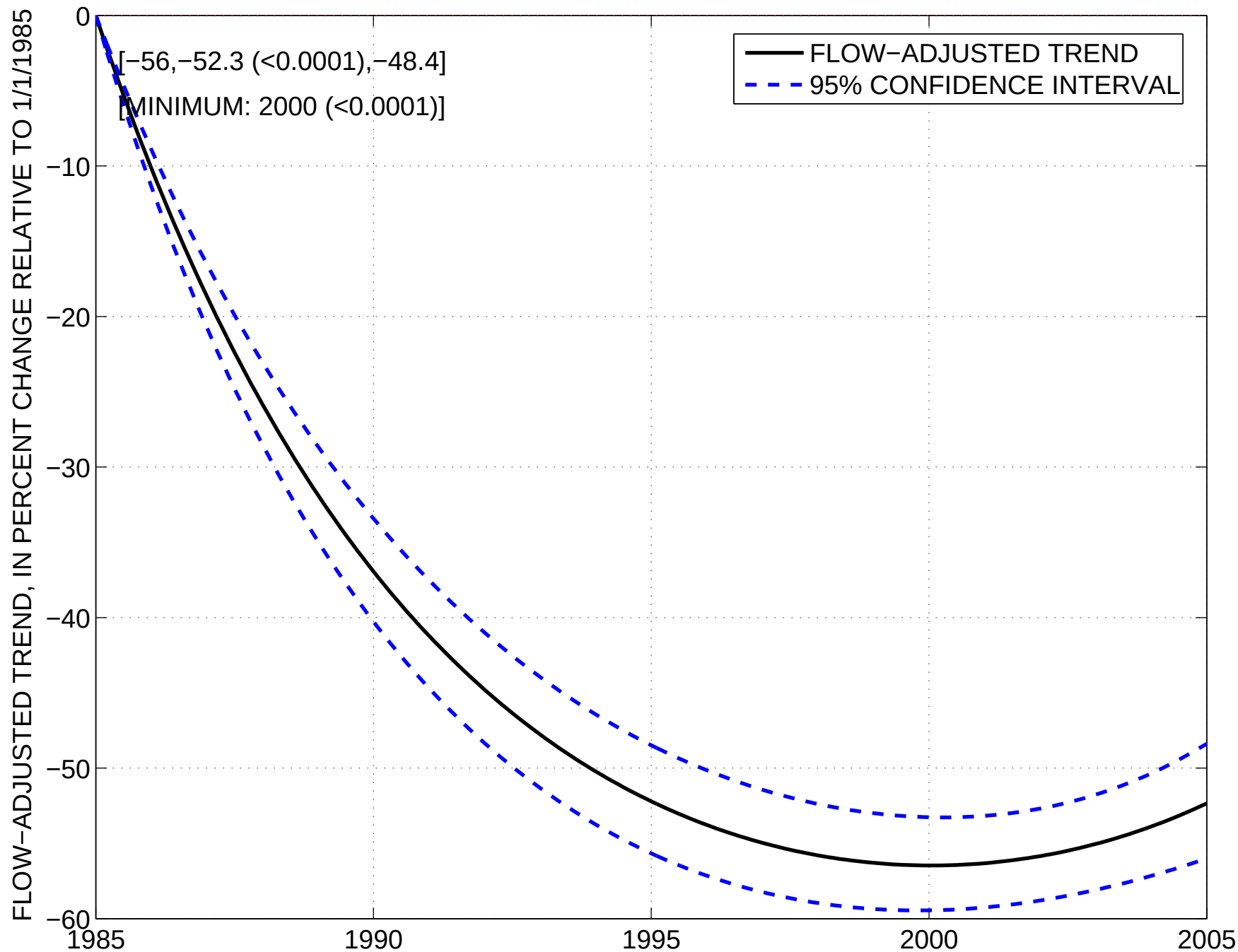
01592500: PATUXENT RIV NEAR LAUREL, MD: 00665: TOTAL PHOSPHORUS



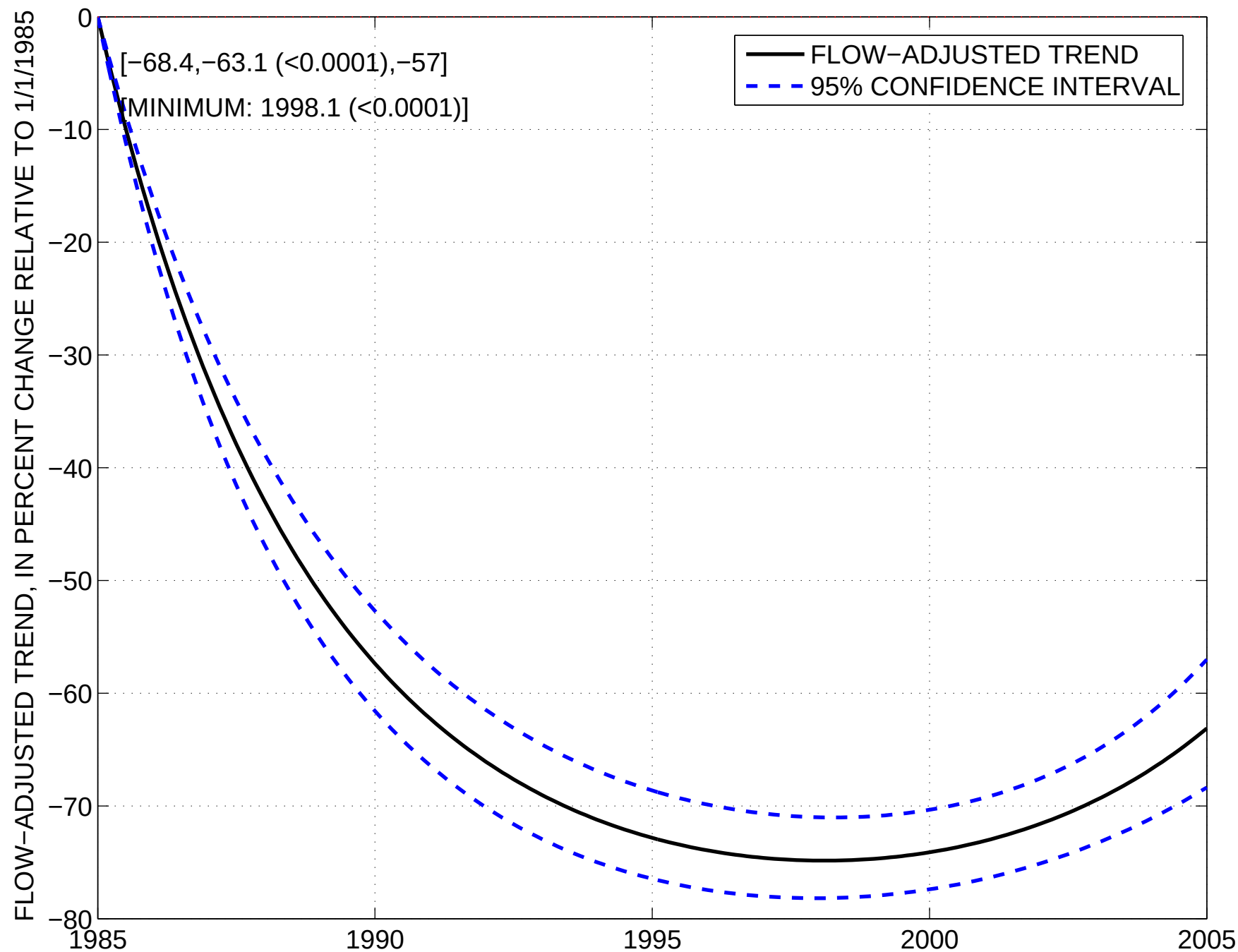
01594440: PATUXENT RIVER NEAR BOWIE, MD: 00600: TOTAL NITROGEN



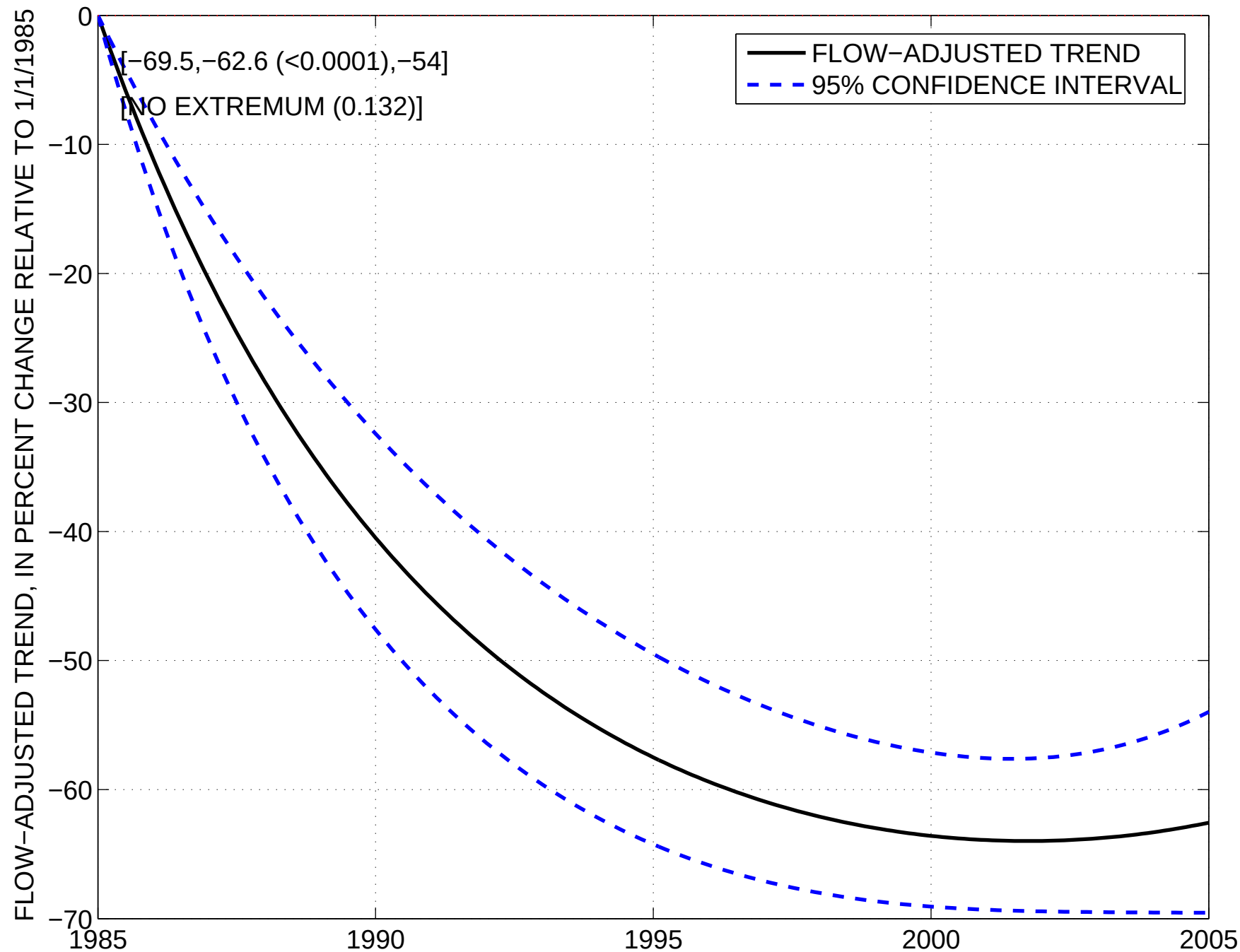
01594440: PATUXENT RIVER NEAR BOWIE, MD: 00631: DISSOLVED NITRITE PLUS NITRATE



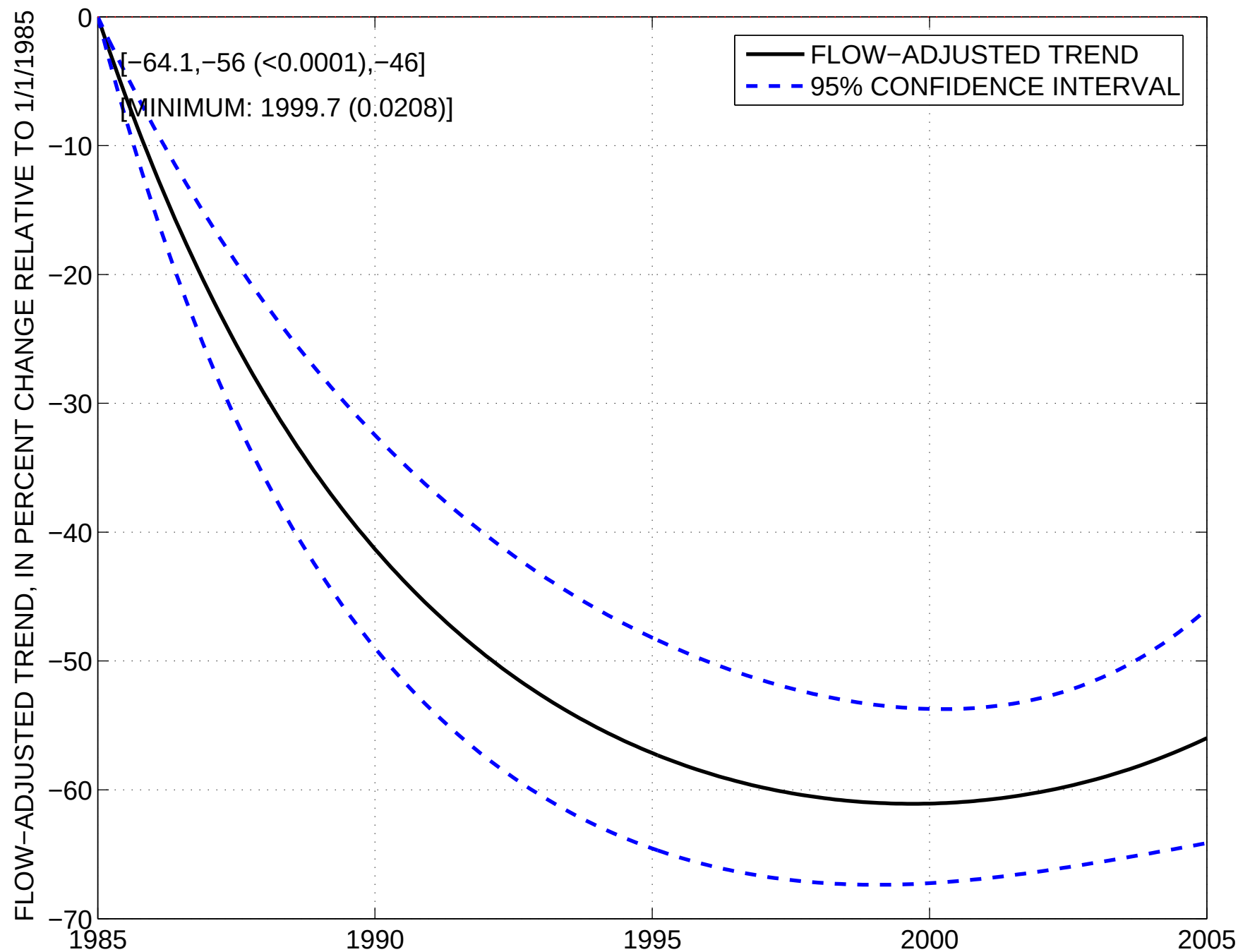
01594440: PATUXENT RIVER NEAR BOWIE, MD: 00665: TOTAL PHOSPHORUS



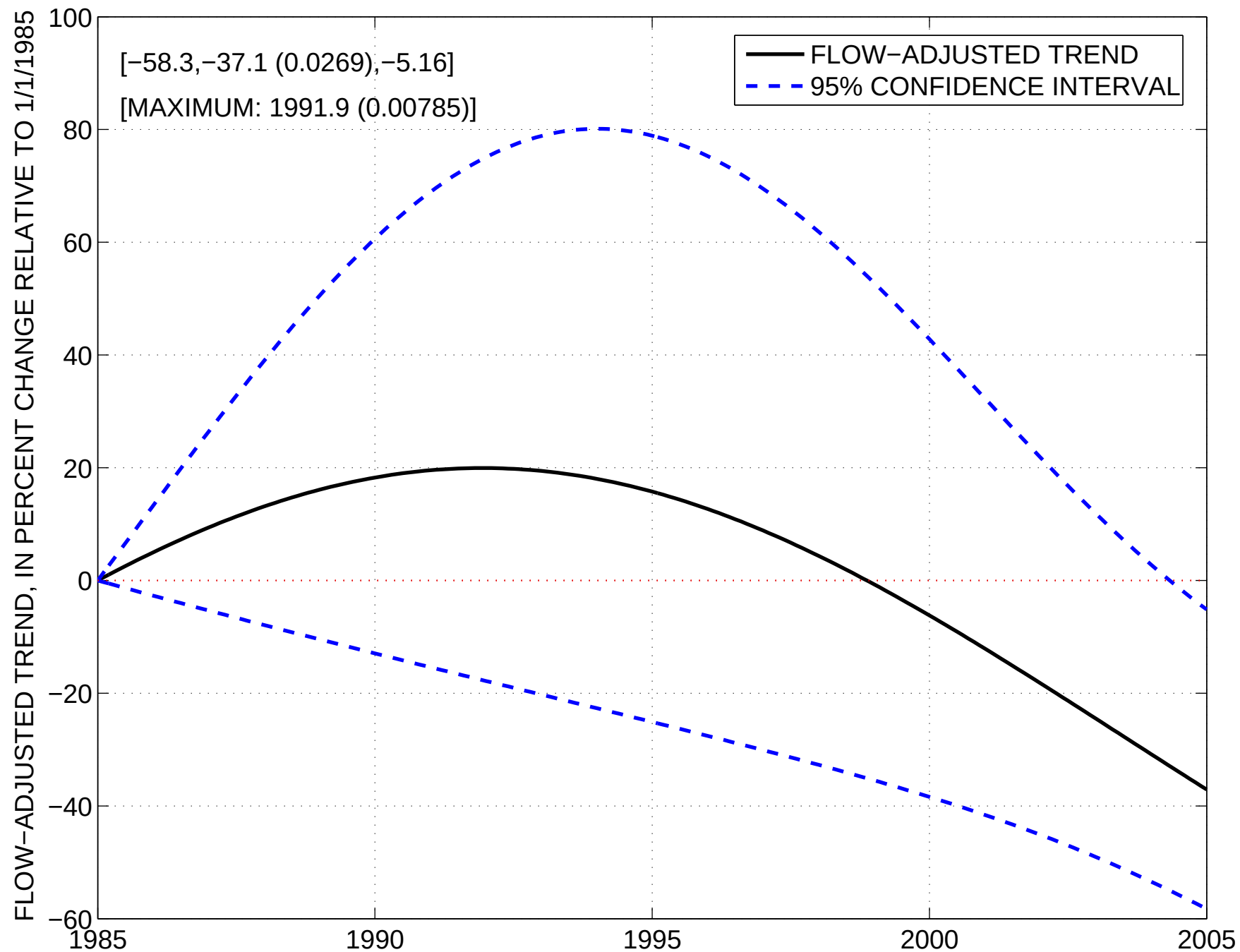
01594440: PATUXENT RIVER NEAR BOWIE, MD: 00671: DISSOLVED INORGANIC PHOSPHORUS



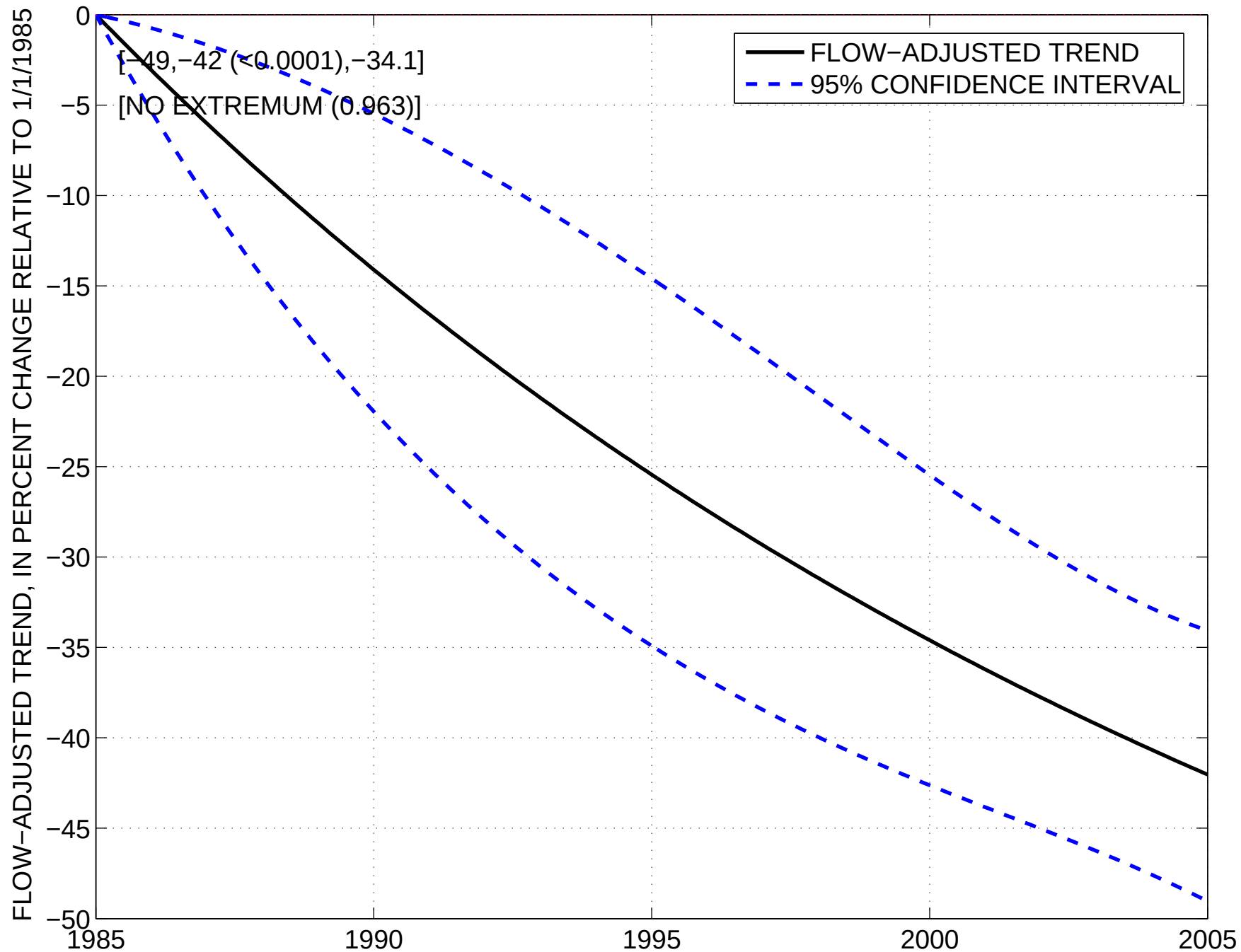
01594440: PATUXENT RIVER NEAR BOWIE, MD: 80154: SEDIMENT



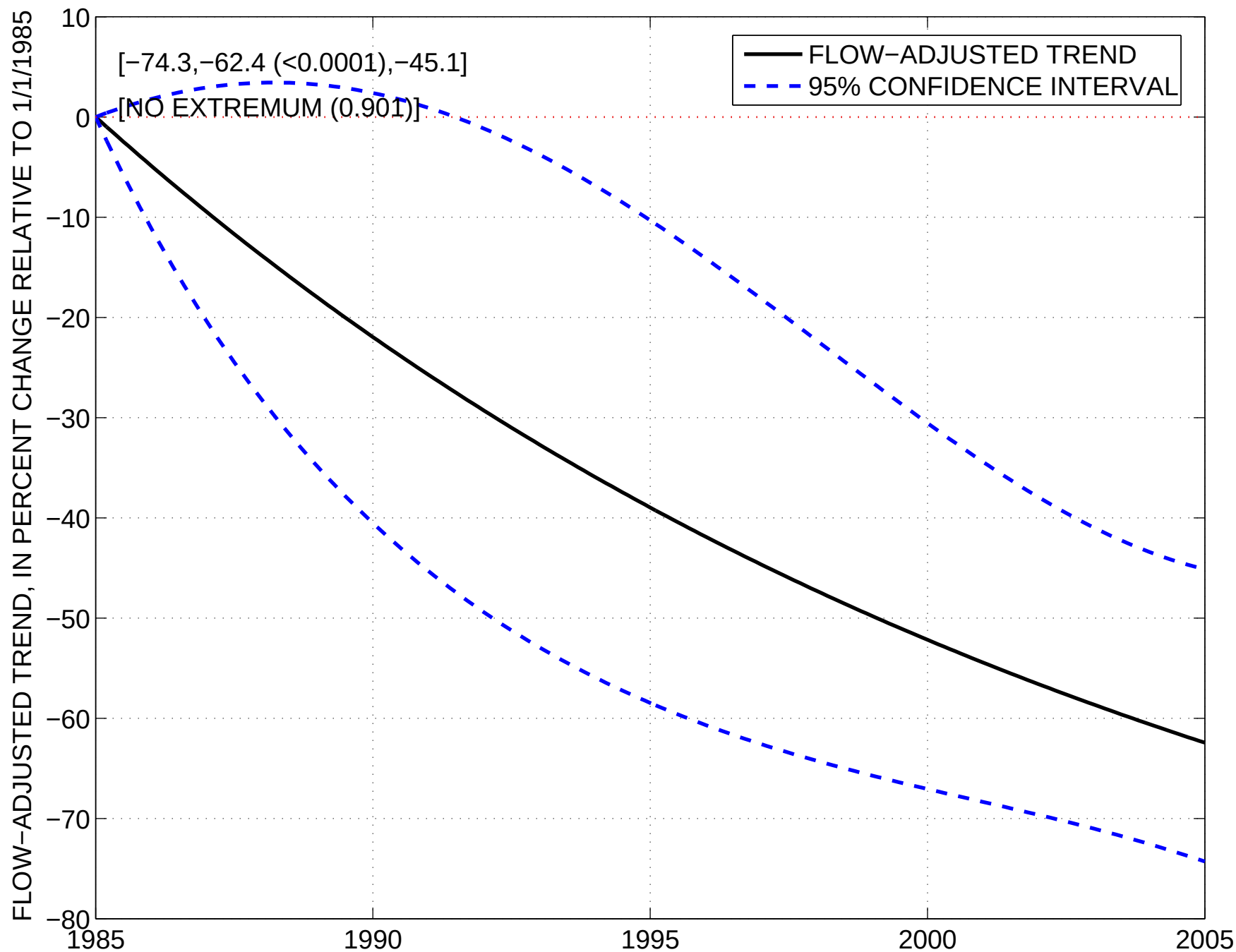
01599000: GEORGES CREEK AT FRANKLIN, MD: 00530: SEDIMENT



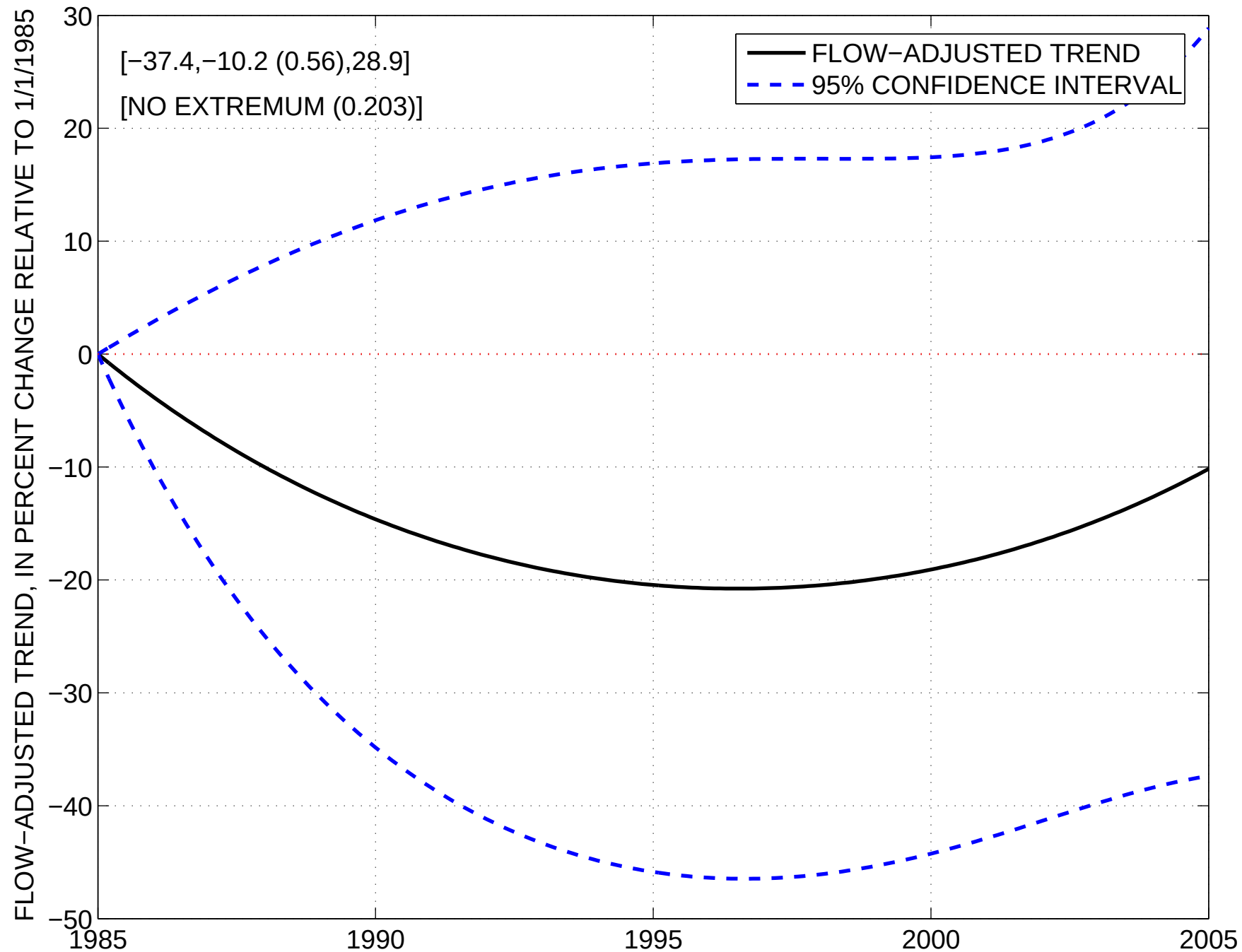
01599000: GEORGES CREEK AT FRANKLIN, MD: 00600: TOTAL NITROGEN



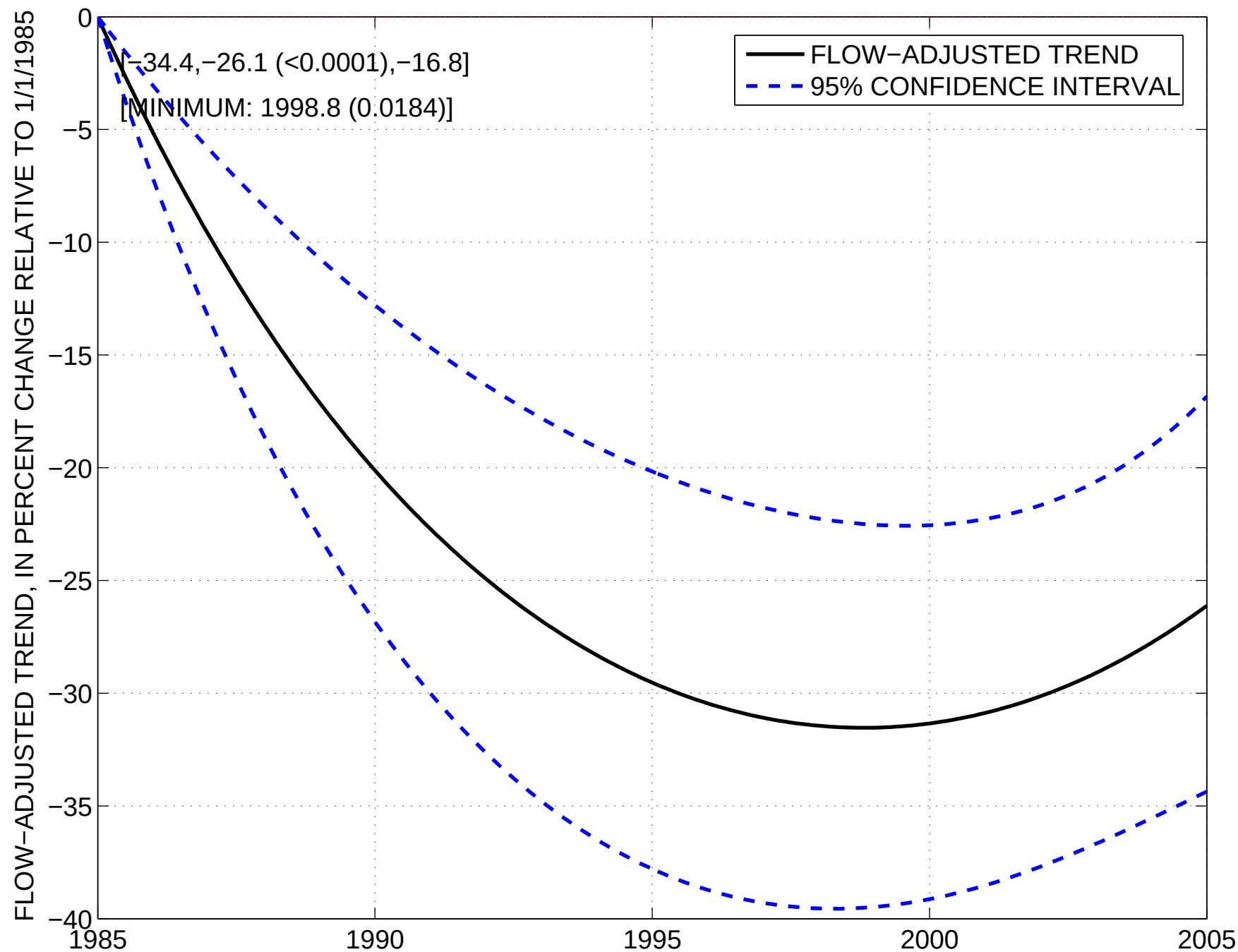
01599000: GEORGES CREEK AT FRANKLIN, MD: 00665: TOTAL PHOSPHORUS



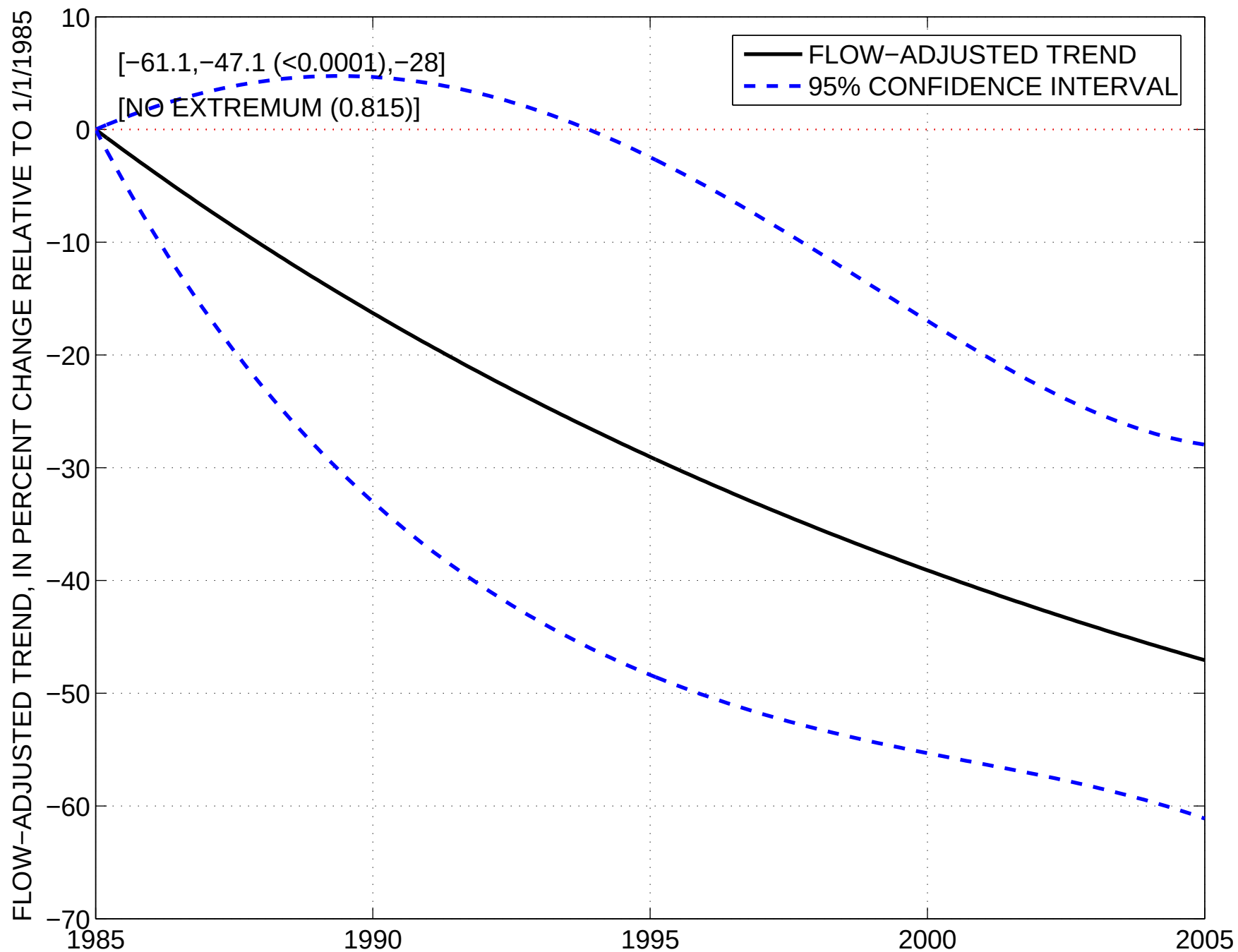
01601500: WILLS CREEK NEAR CUMBERLAND, MD: 00530: SEDIMENT



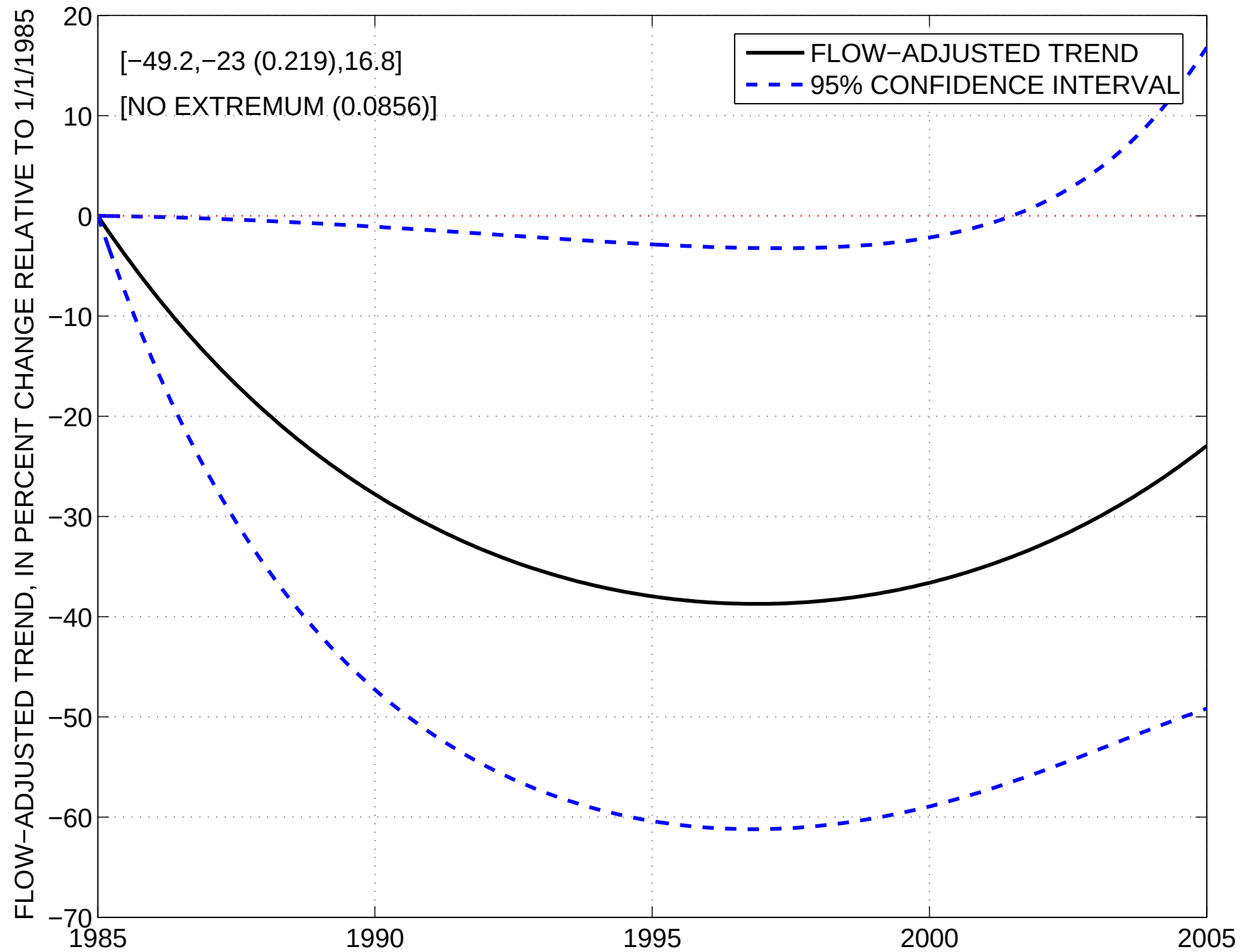
01601500: WILLS CREEK NEAR CUMBERLAND, MD: 00600: TOTAL NITROGEN



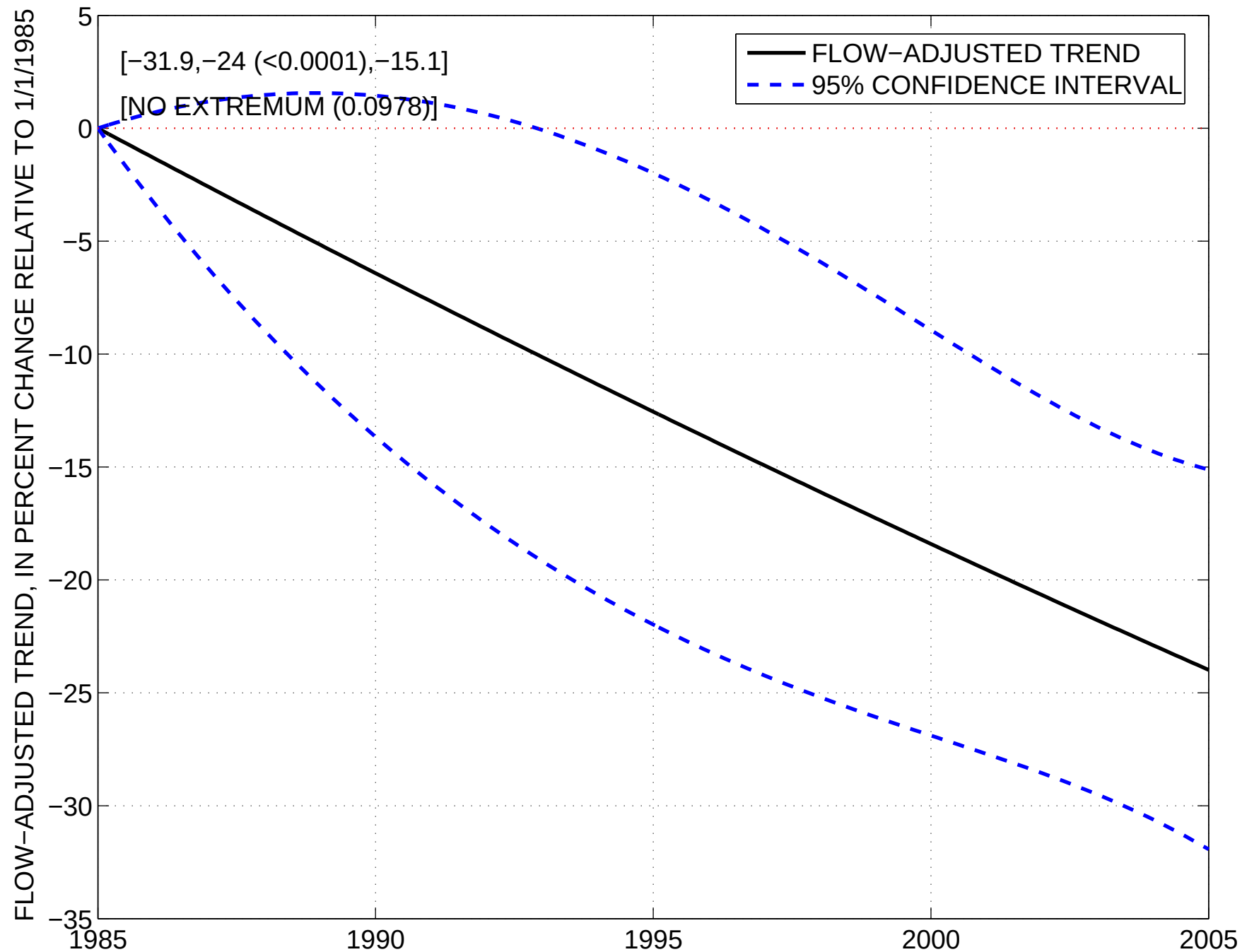
01601500: WILLS CREEK NEAR CUMBERLAND, MD: 00665: TOTAL PHOSPHORUS



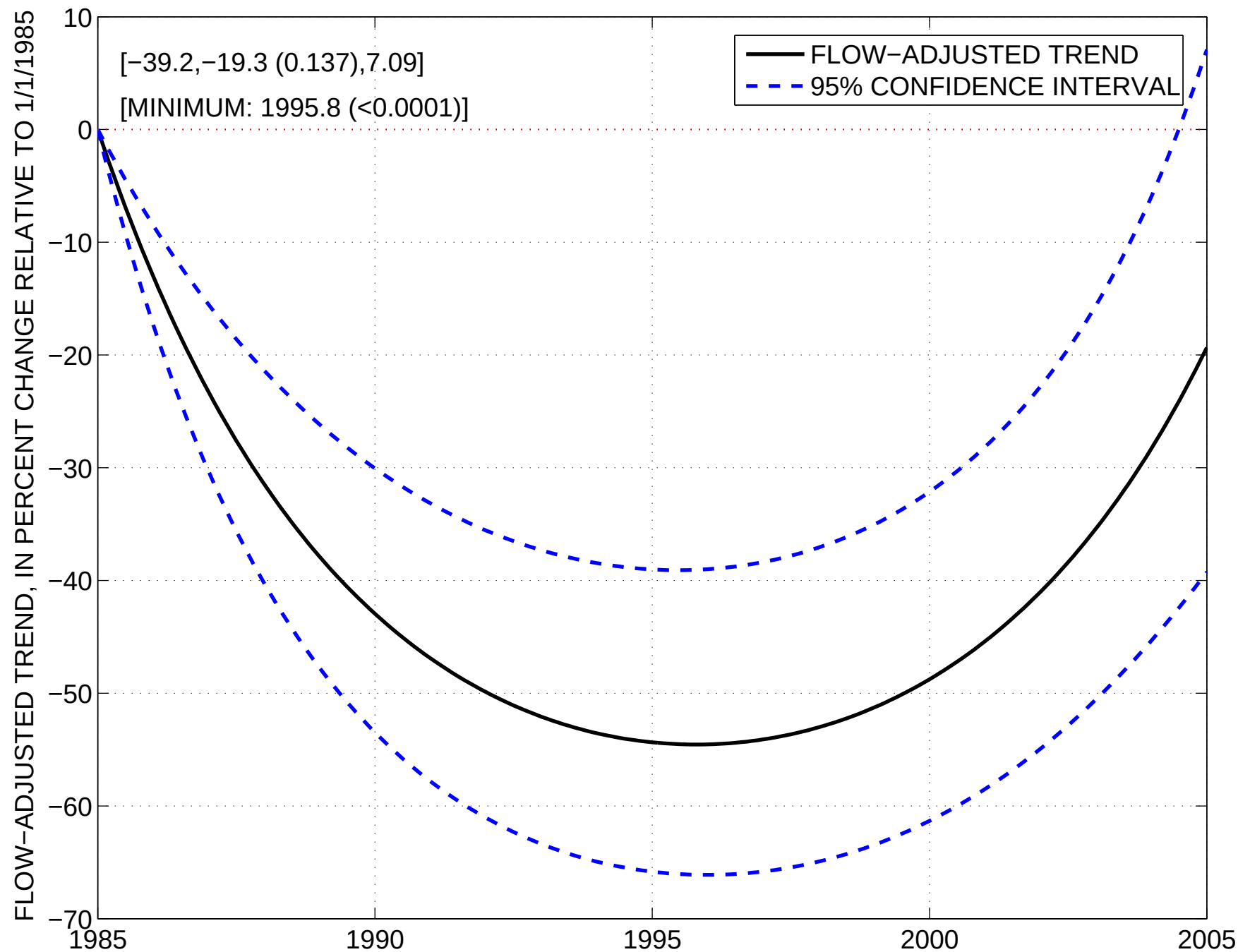
01610000: POTOMAC RIVER AT PAW PAW, WV: 00530: SEDIMENT



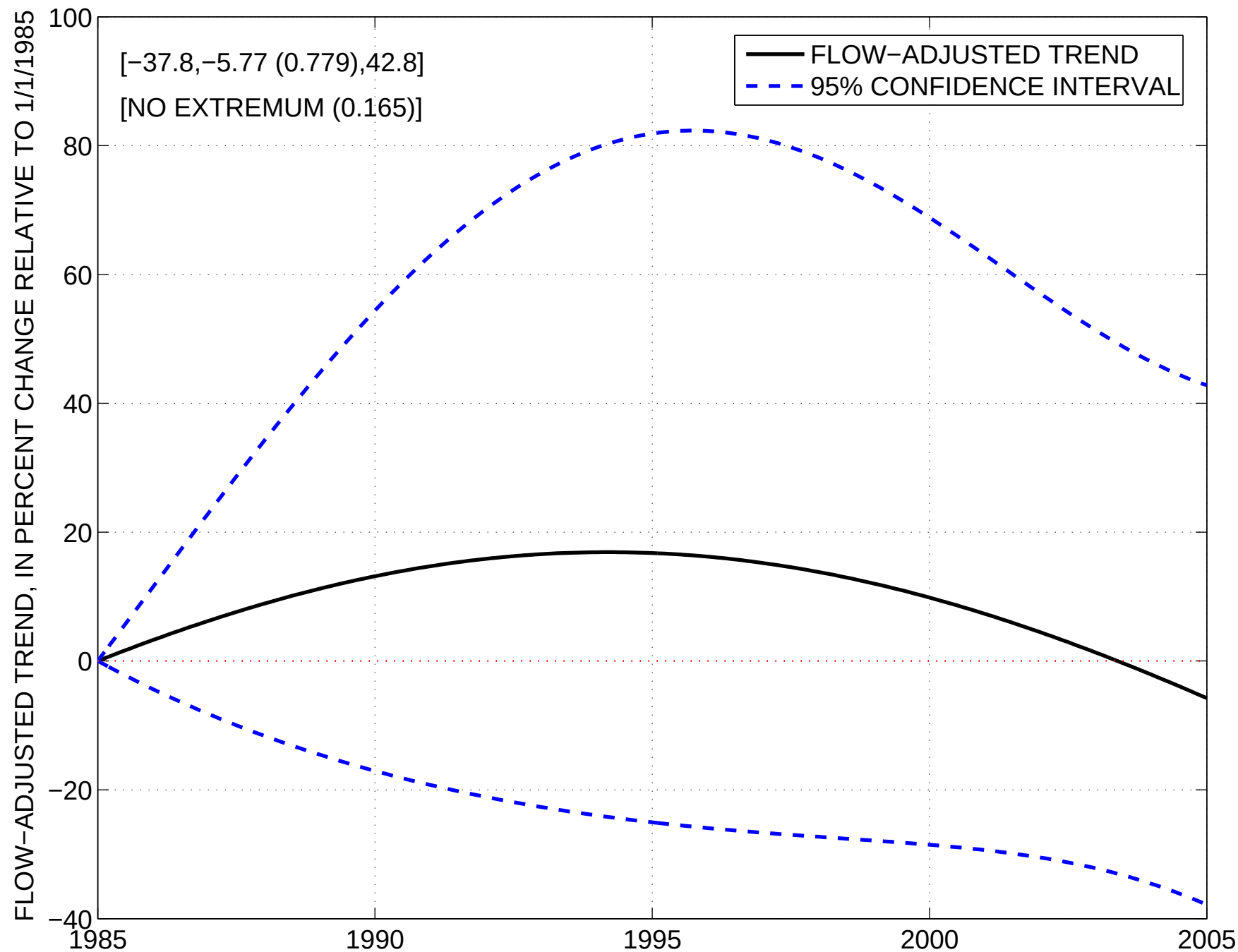
01610000: POTOMAC RIVER AT PAW PAW, WV: 00600: TOTAL NITROGEN



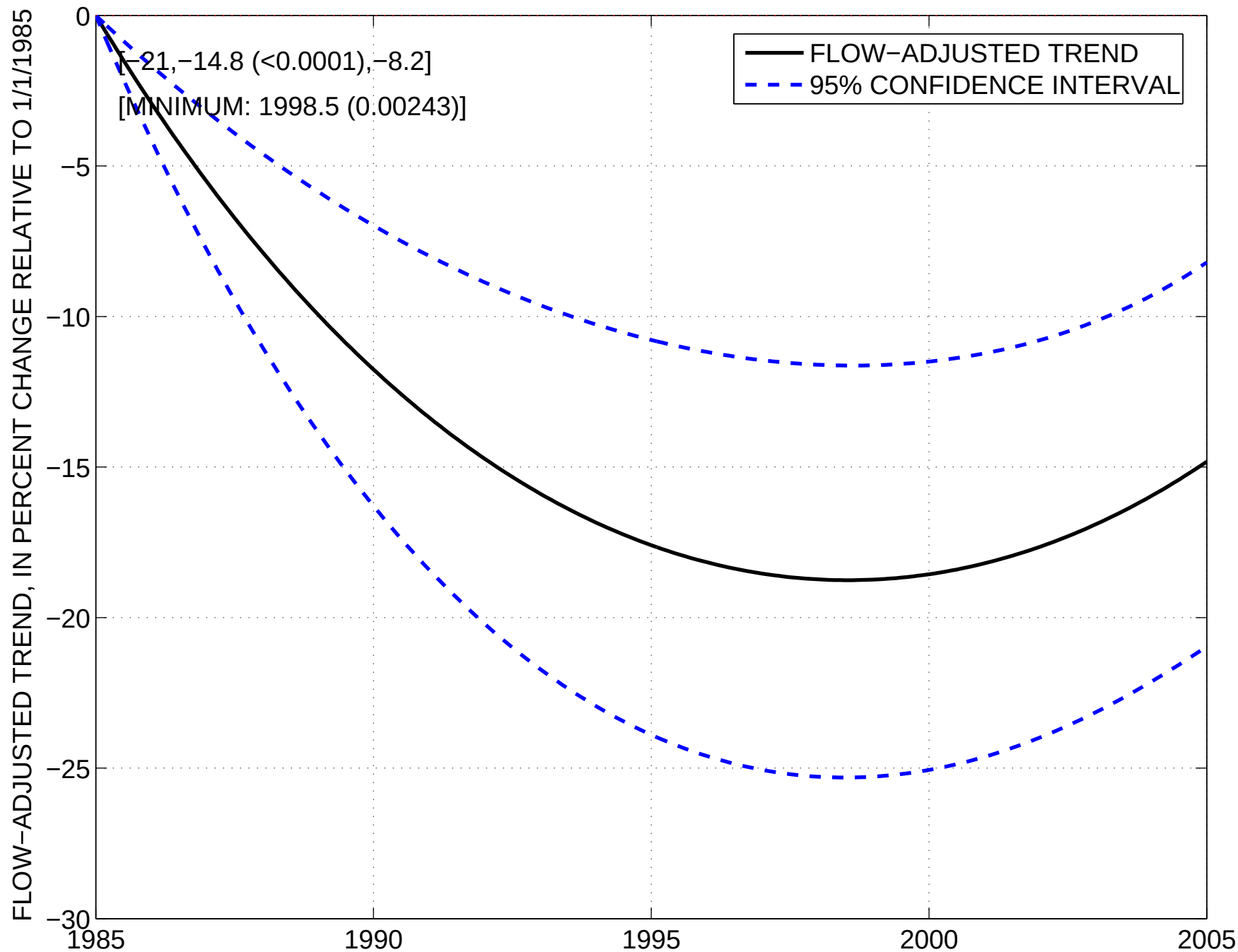
01610000: POTOMAC RIVER AT PAW PAW, WV: 00665: TOTAL PHOSPHORUS



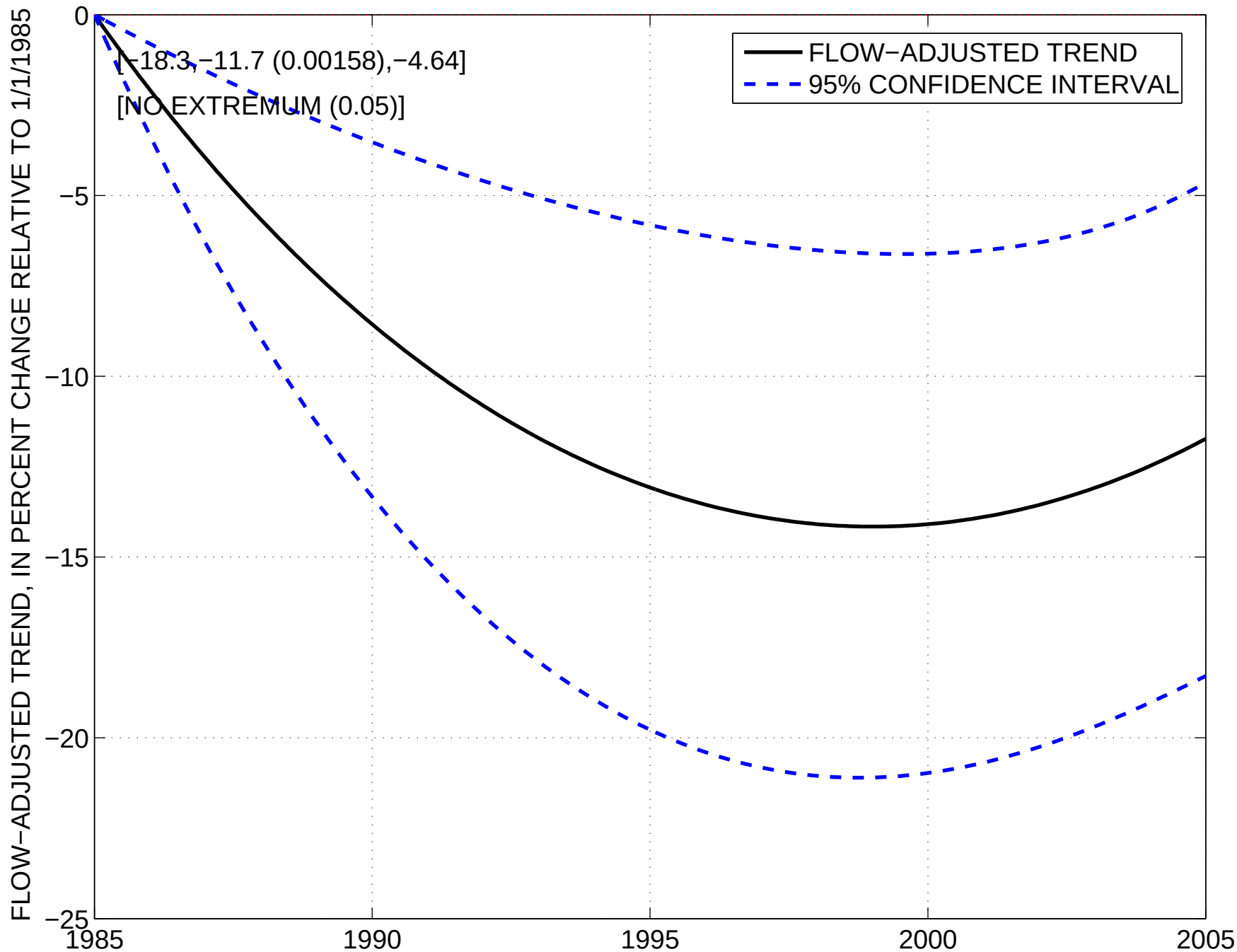
01614500: CONOCOCHEAGUE CREEK AT FAIRVIEW, MD: 00530: SEDIMENT



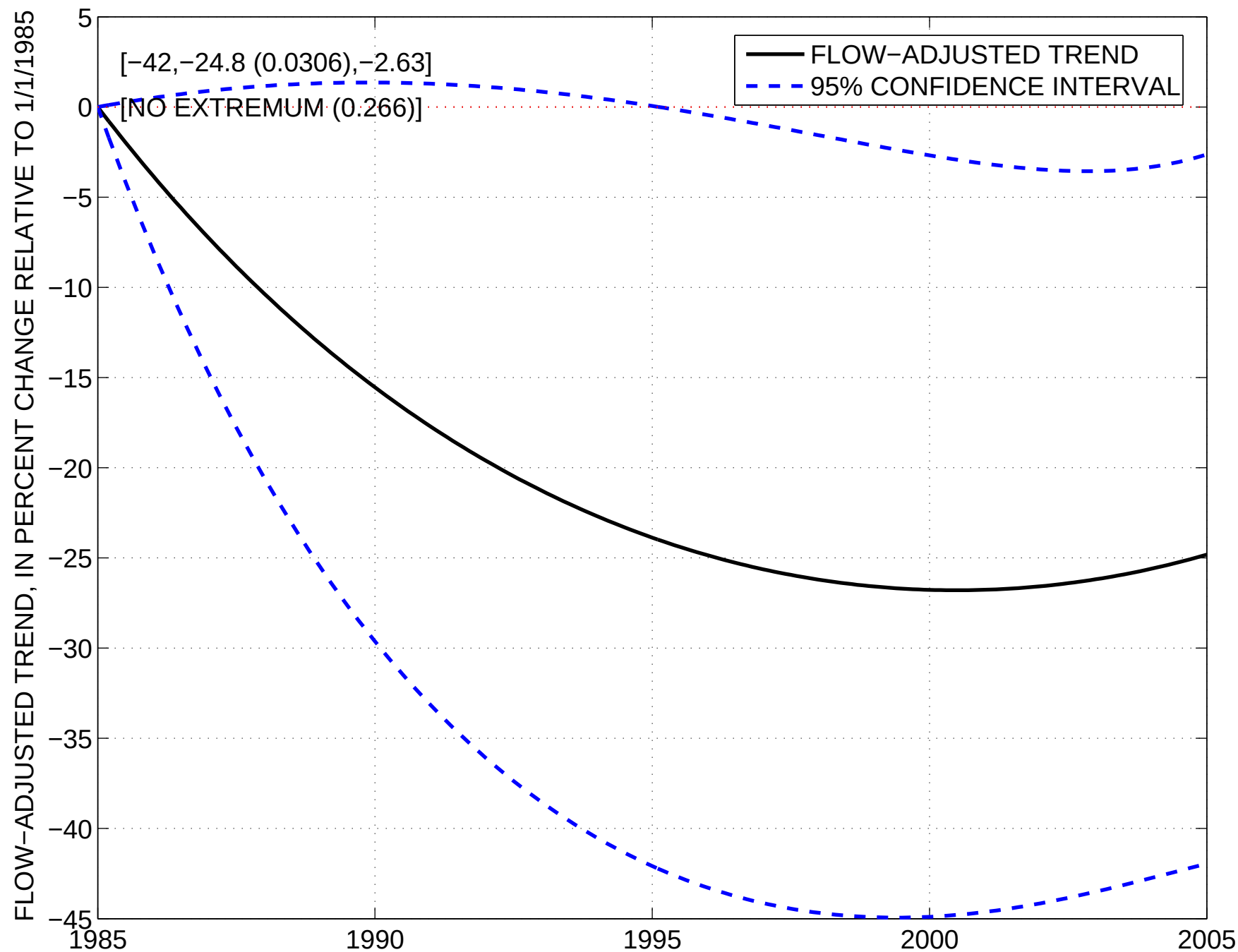
01614500: CONOCOCHEAGUE CREEK AT FAIRVIEW, MD: 00600: TOTAL NITROGEN



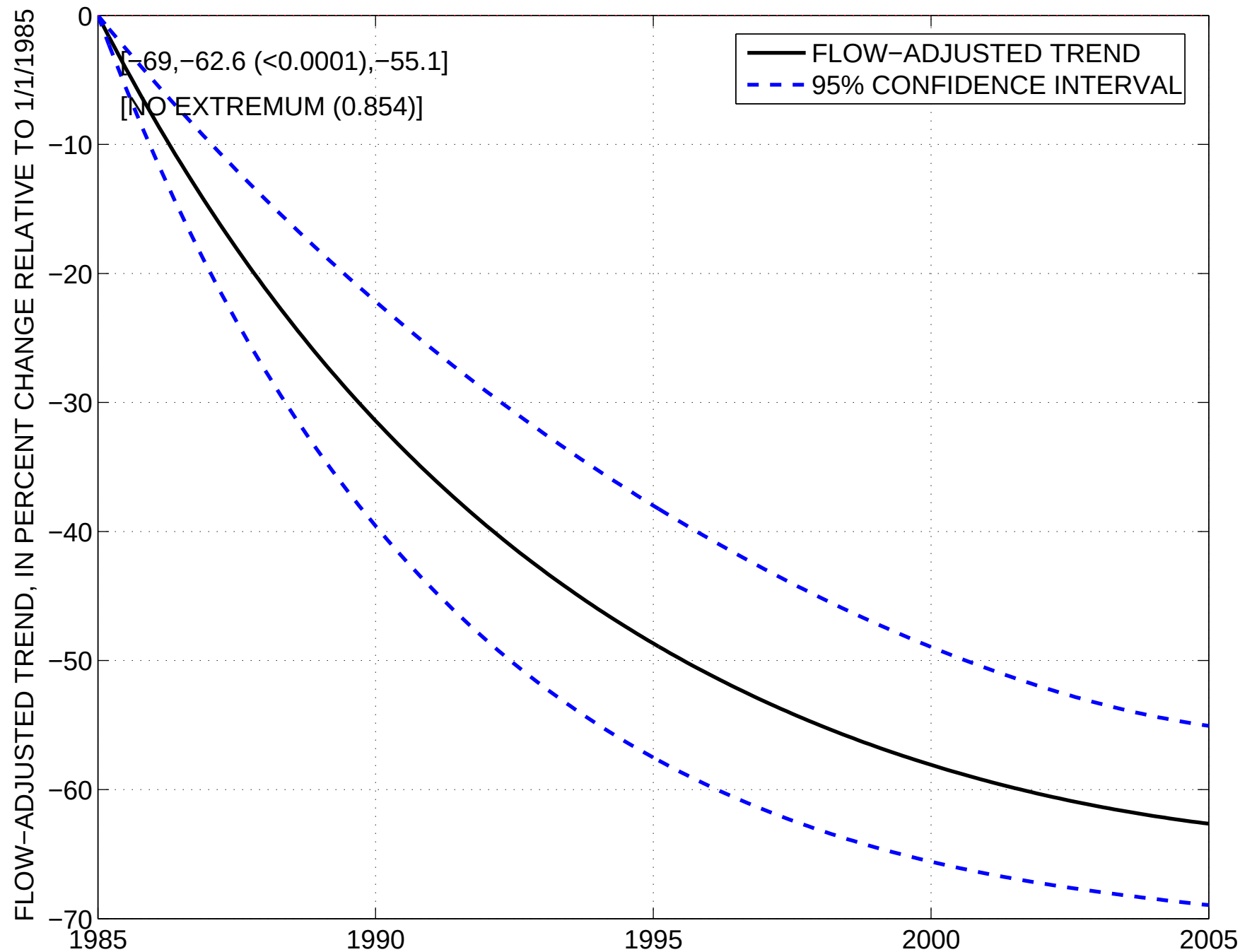
01614500: CONOCOCHEAGUE CREEK AT FAIRVIEW, MD: 00631: DISSOLVED NITRITE PLUS NITRATE



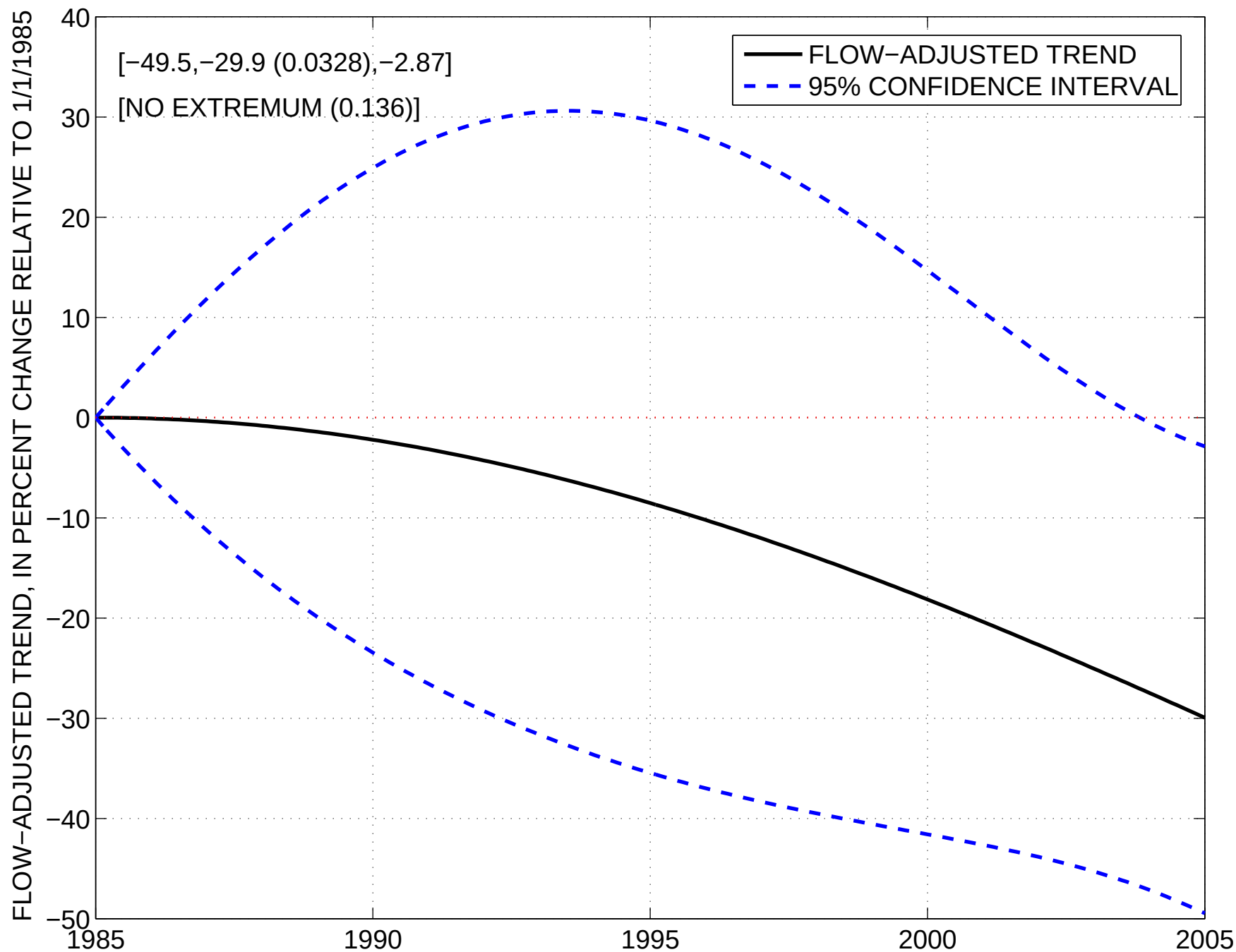
01614500: CONOCOCHEAGUE CREEK AT FAIRVIEW, MD: 00665: TOTAL PHOSPHORUS



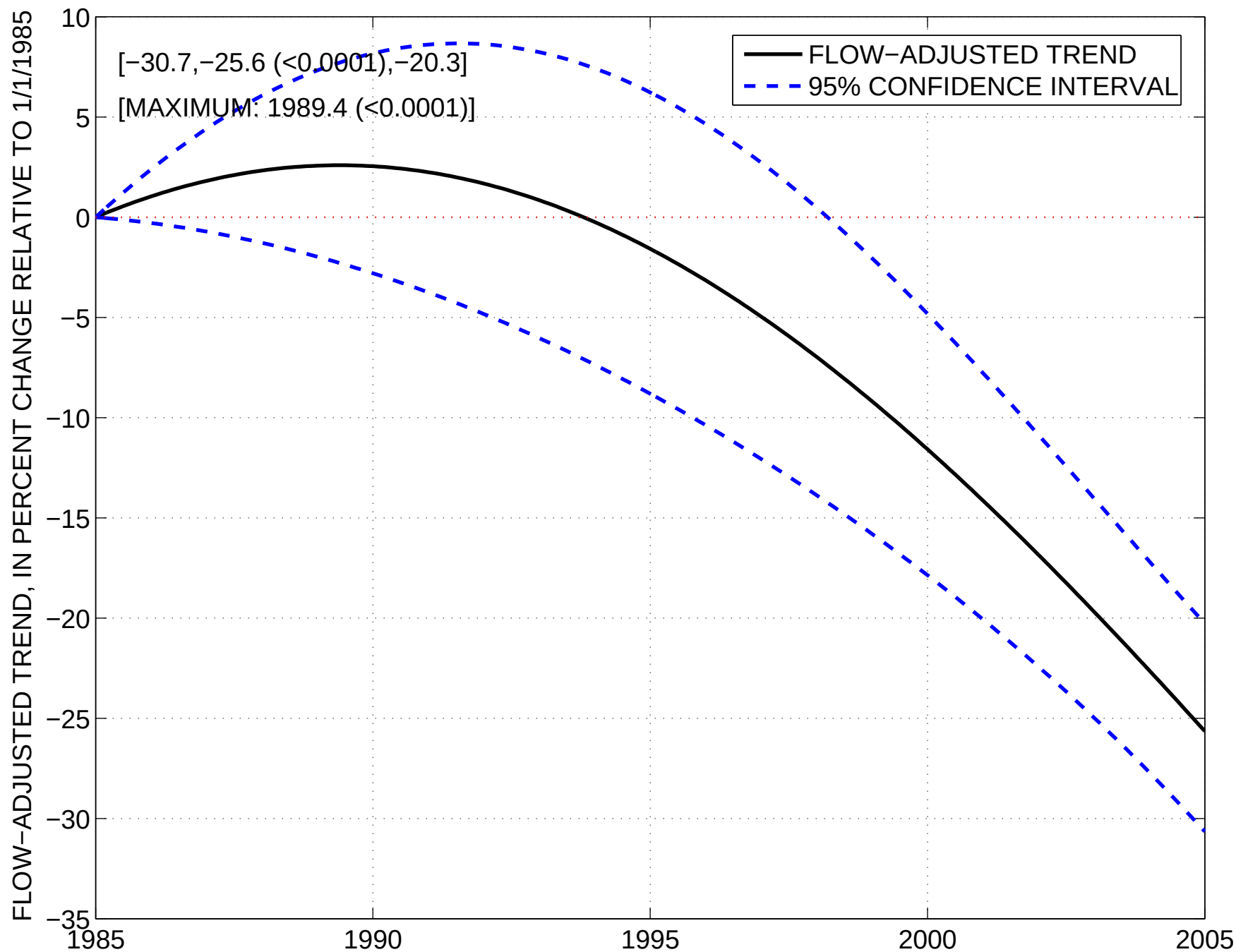
01614500: CONOCOCHEAGUE CREEK AT FAIRVIEW, MD: 00671: DISSOLVED INORGANIC PHOSPHORUS



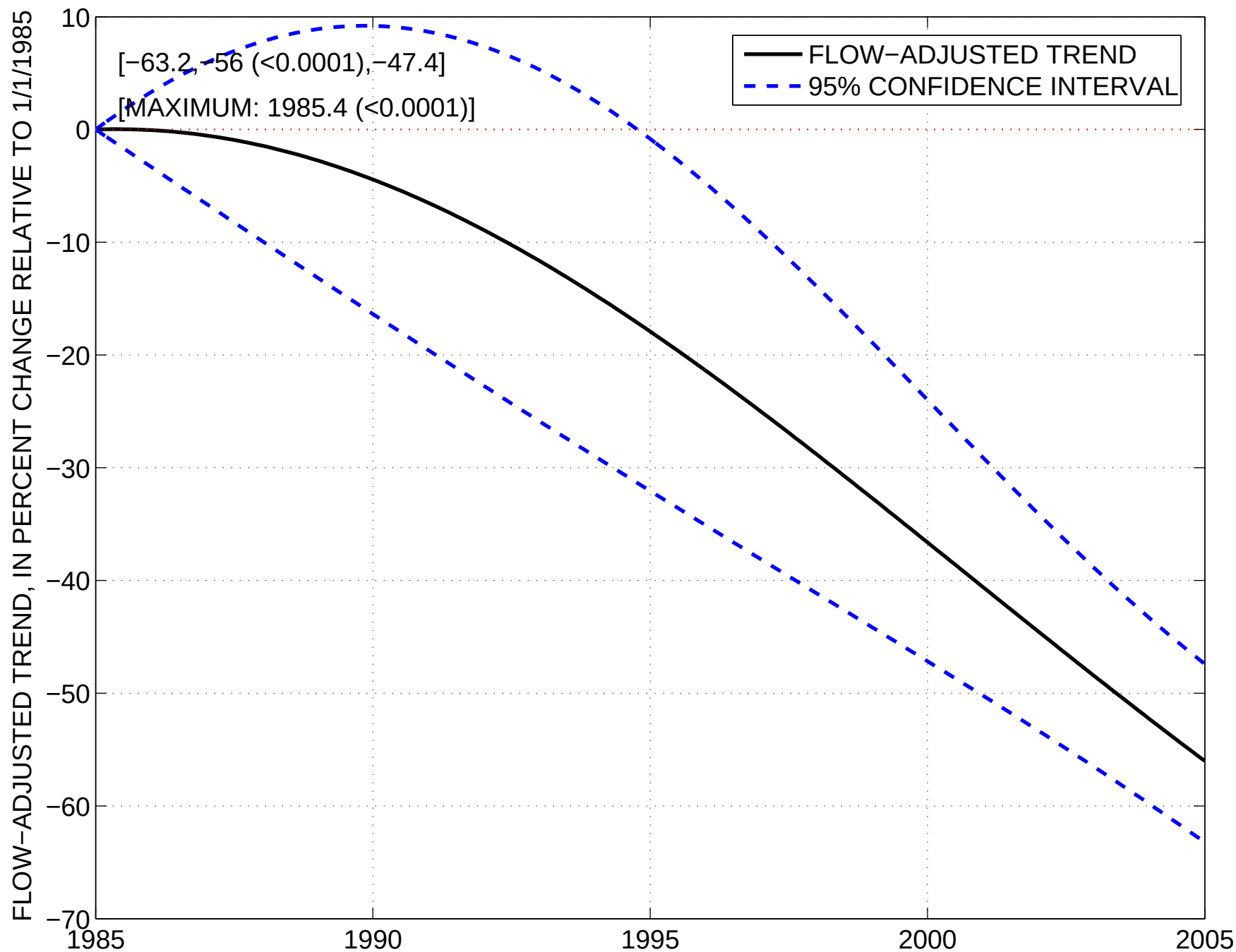
01619500: ANTIETAM CREEK NEAR SHARPSBURG, MD: 00530: SEDIMENT



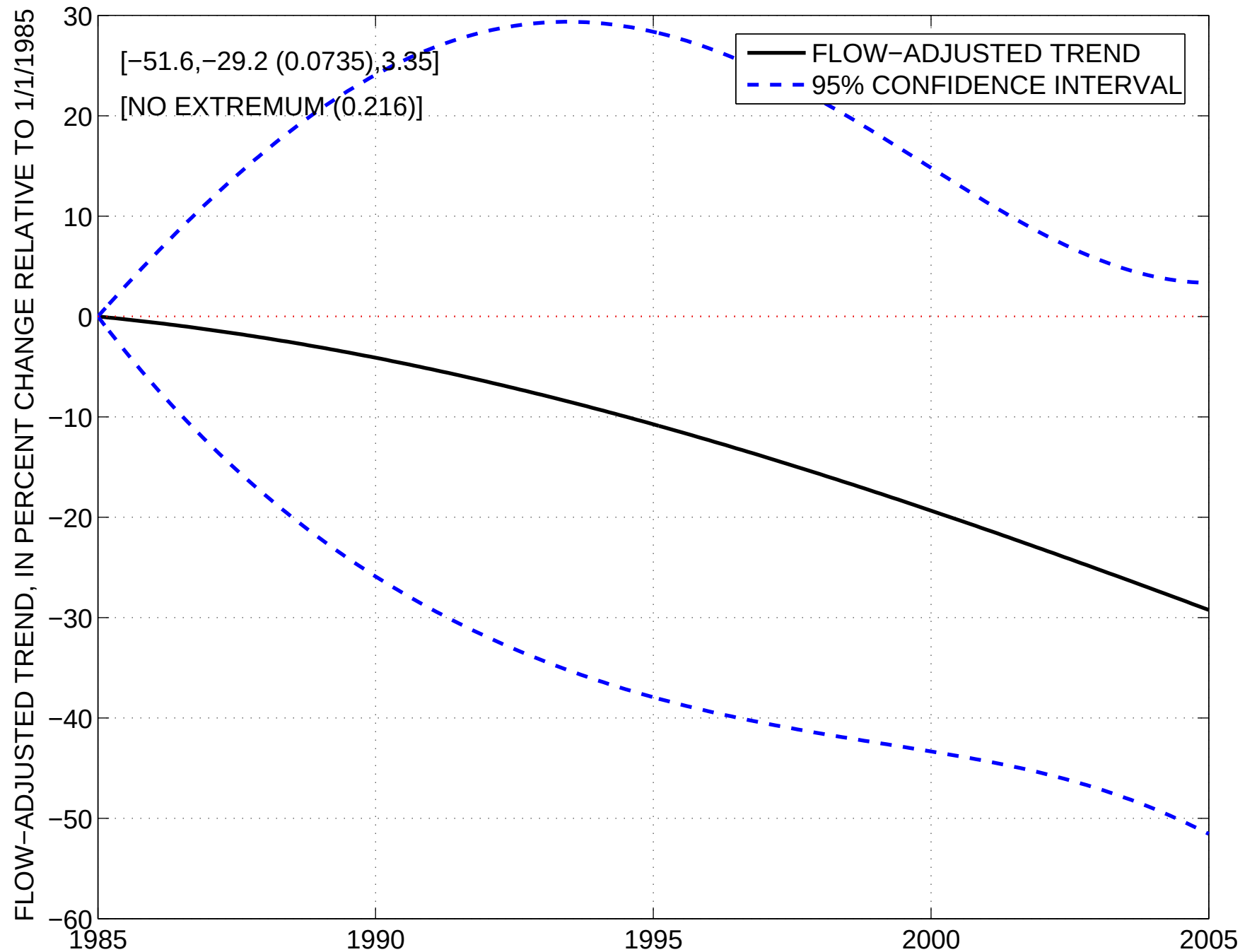
01619500: ANTIETAM CREEK NEAR SHARPSBURG, MD: 00600: TOTAL NITROGEN



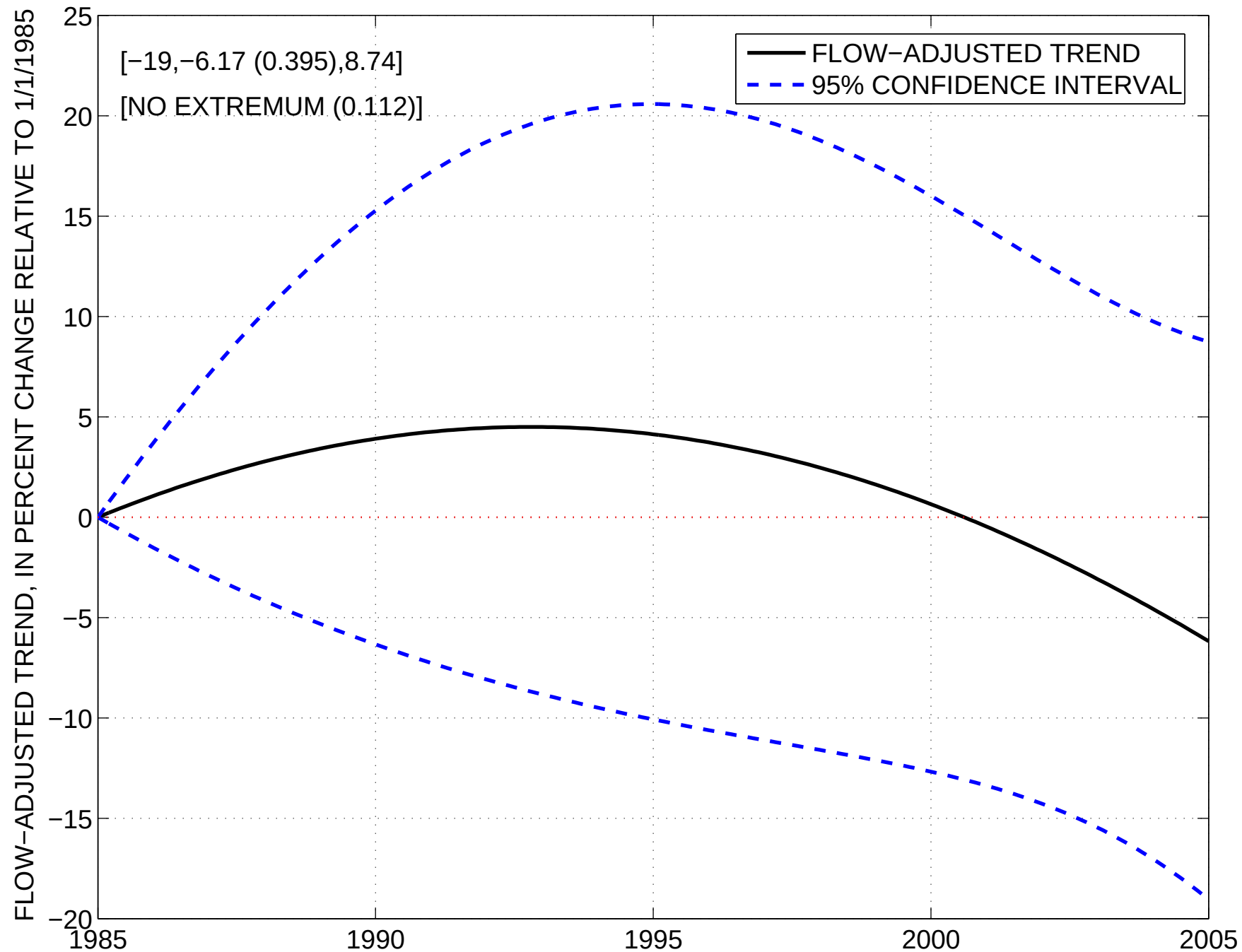
01619500: ANTIETAM CREEK NEAR SHARPSBURG, MD: 00665: TOTAL PHOSPHORUS



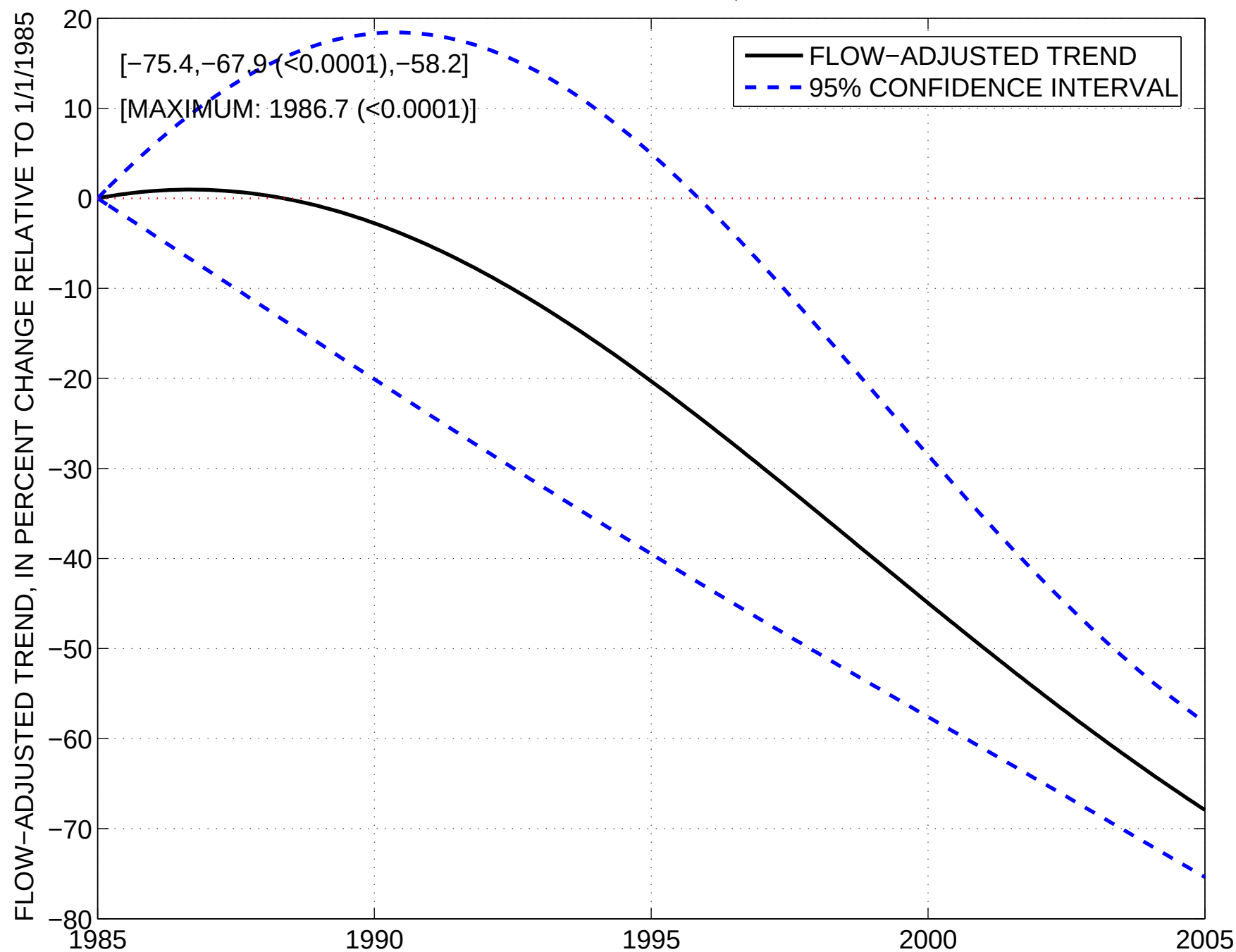
01626000: SOUTH RIVER NEAR WAYNESBORO, VA: 00530: SEDIMENT



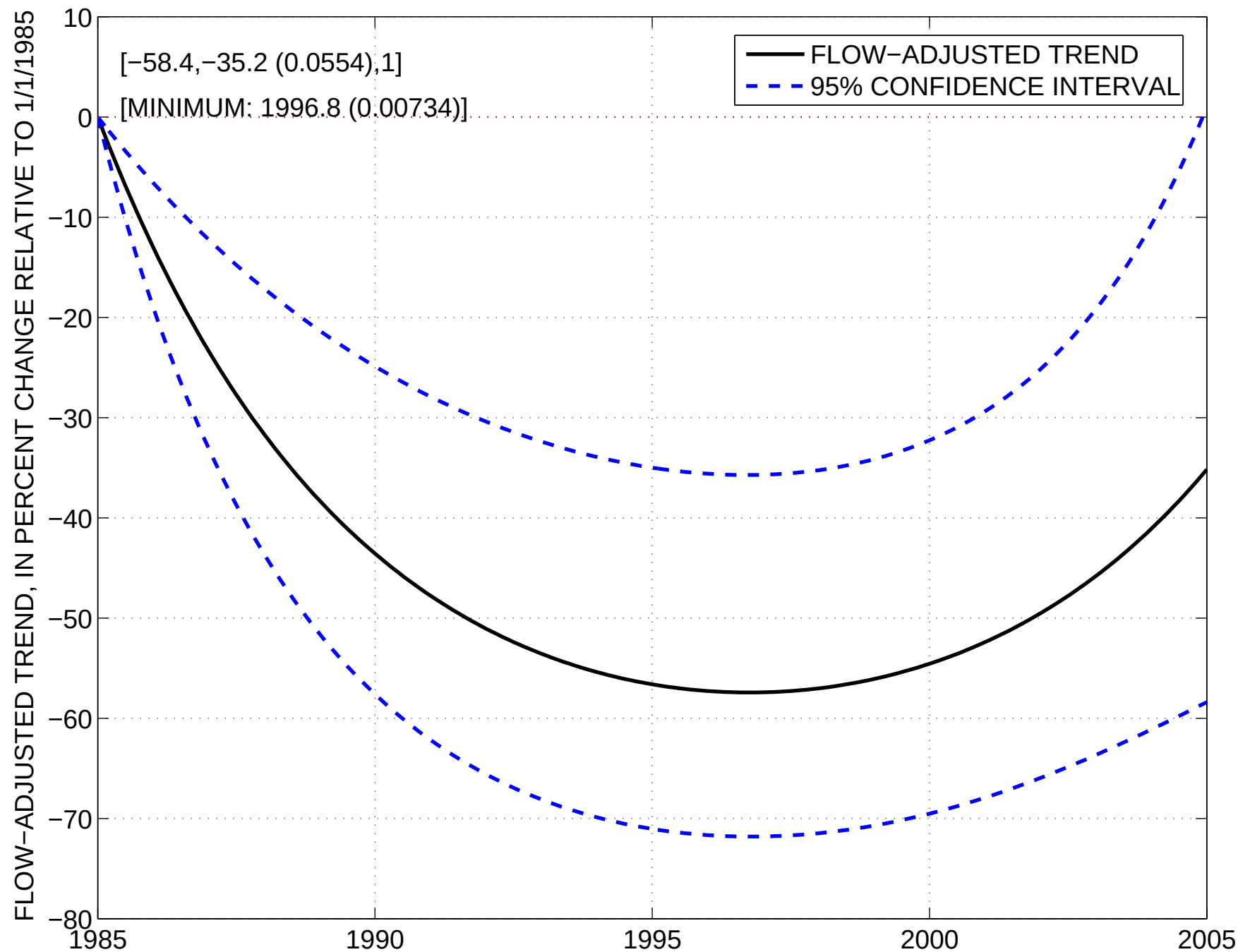
01626000: SOUTH RIVER NEAR WAYNESBORO, VA: 00600: TOTAL NITROGEN



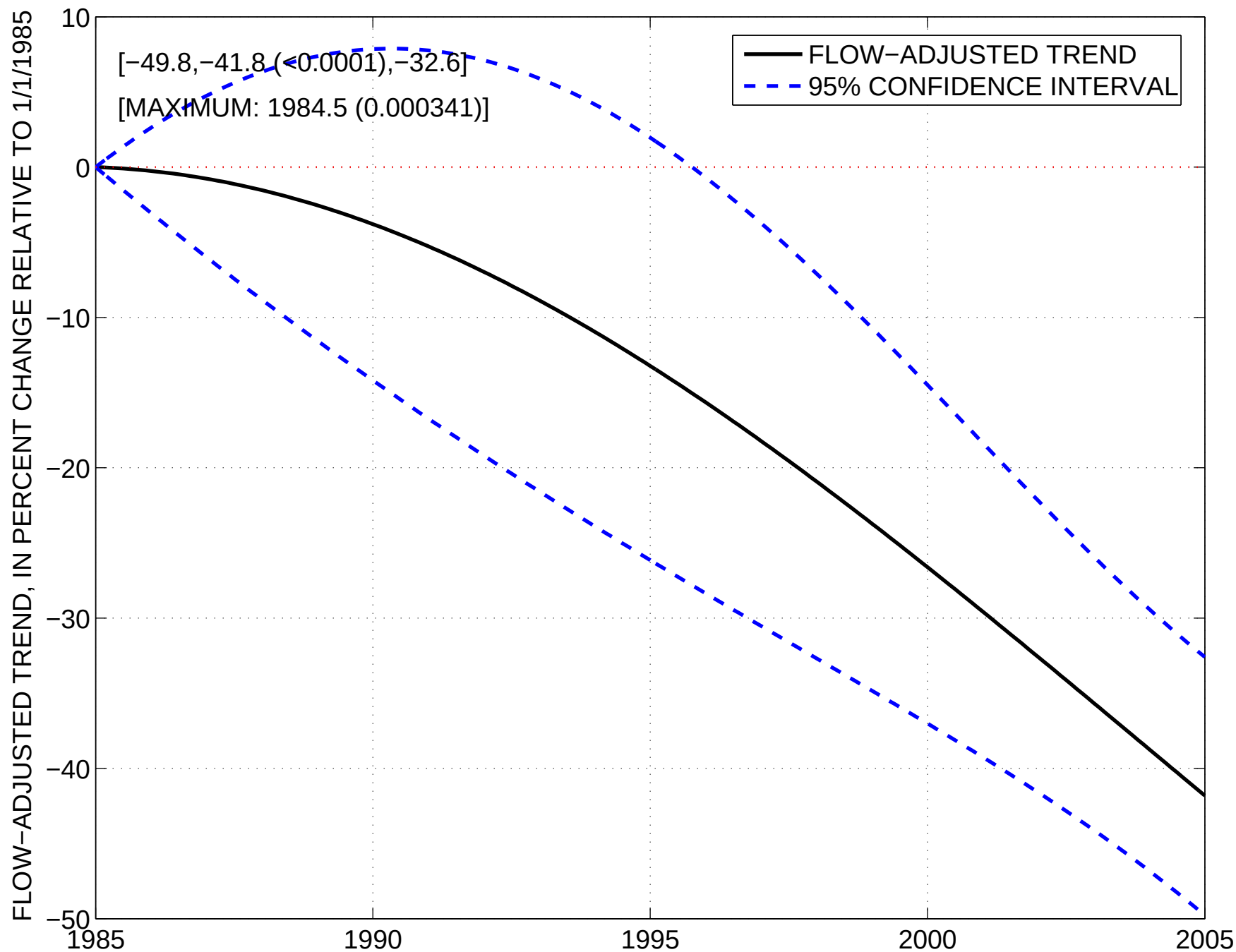
01626000: SOUTH RIVER NEAR WAYNESBORO, VA: 00665: TOTAL PHOSPHORUS



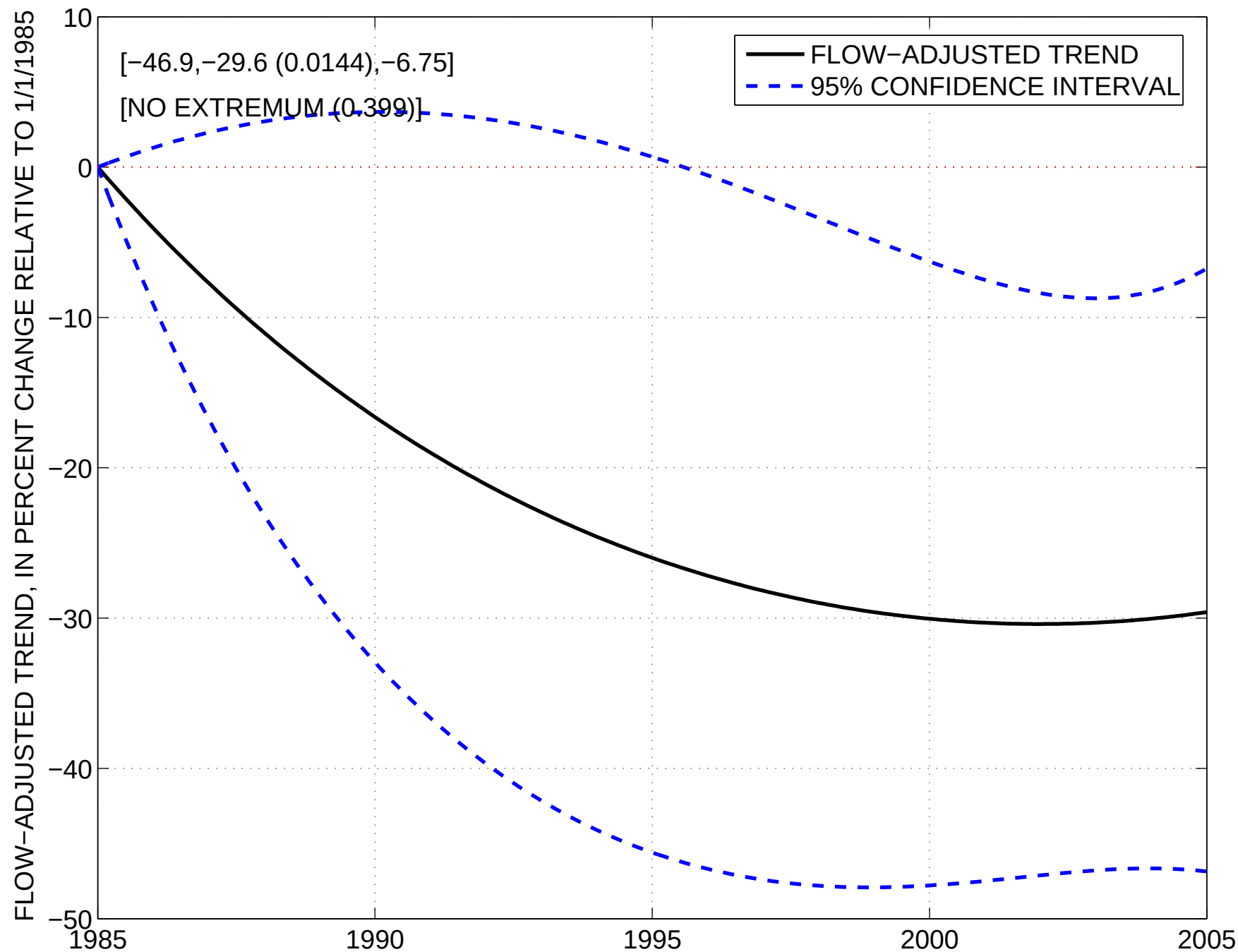
01631000: S F SHENANDOAH RIVER AT FRONT ROYAL, VA: 00530: SEDIMENT

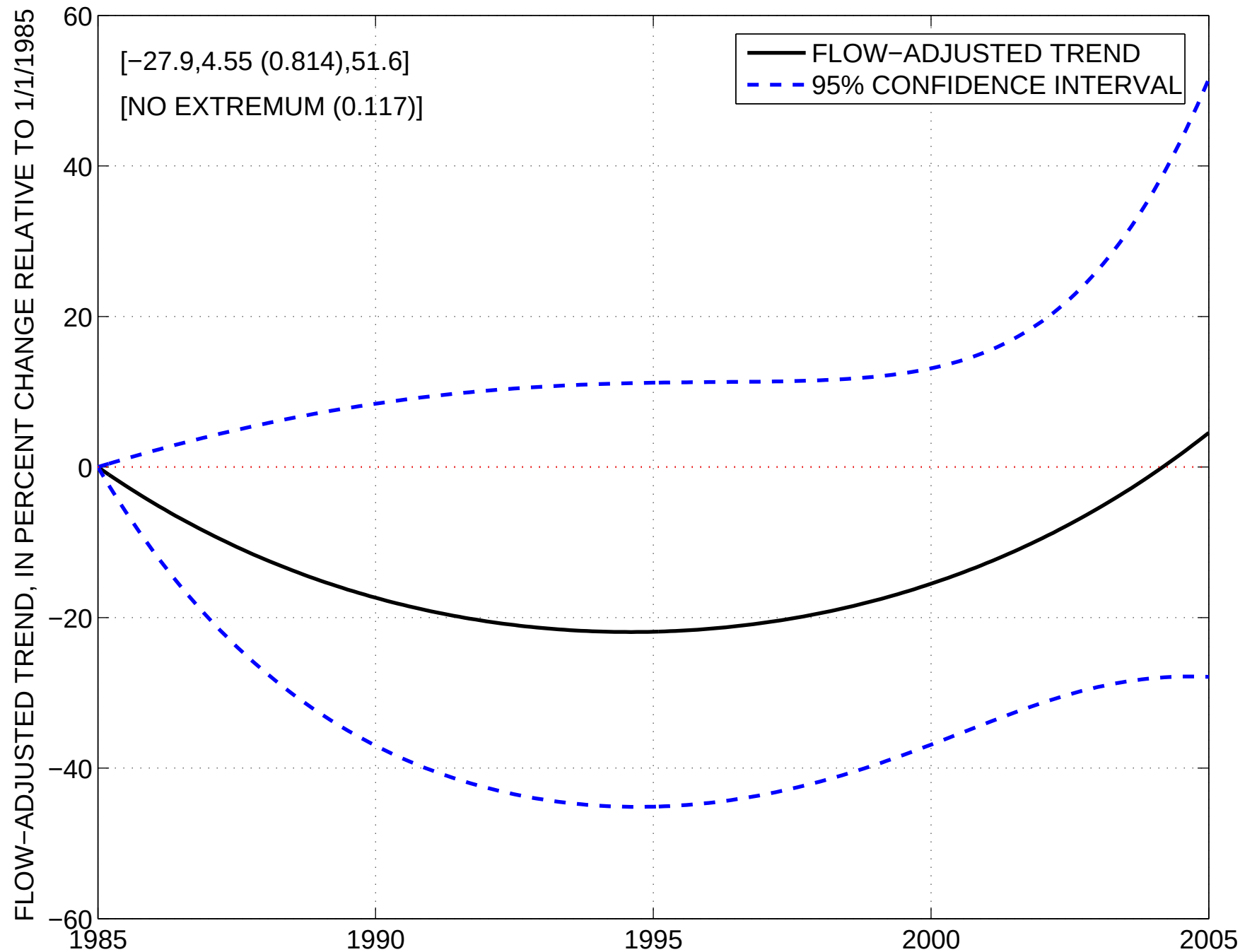


01631000: S F SHENANDOAH RIVER AT FRONT ROYAL, VA: 00600: TOTAL NITROGEN

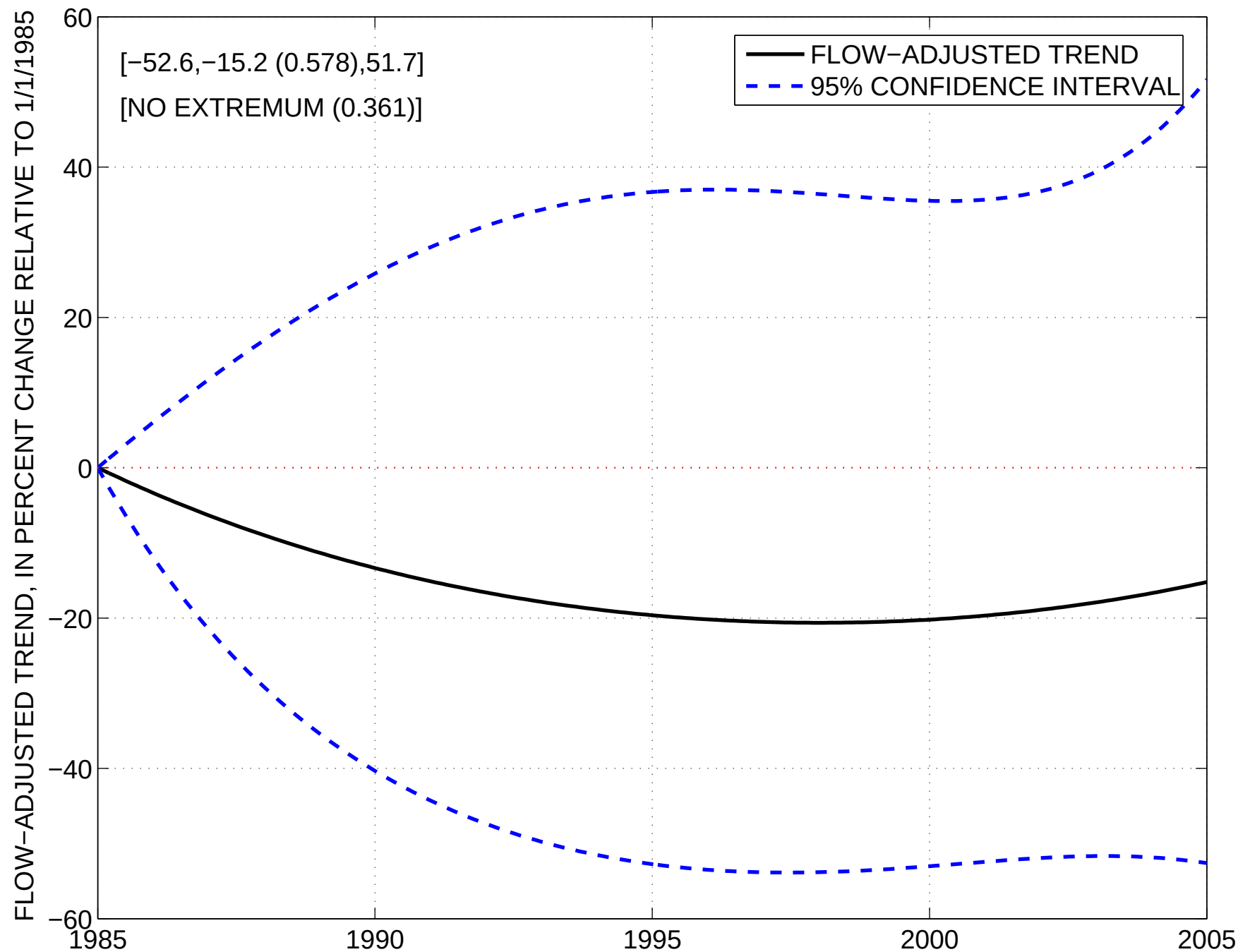


01631000: S F SHENANDOAH RIVER AT FRONT ROYAL, VA: 00665: TOTAL PHOSPHORUS

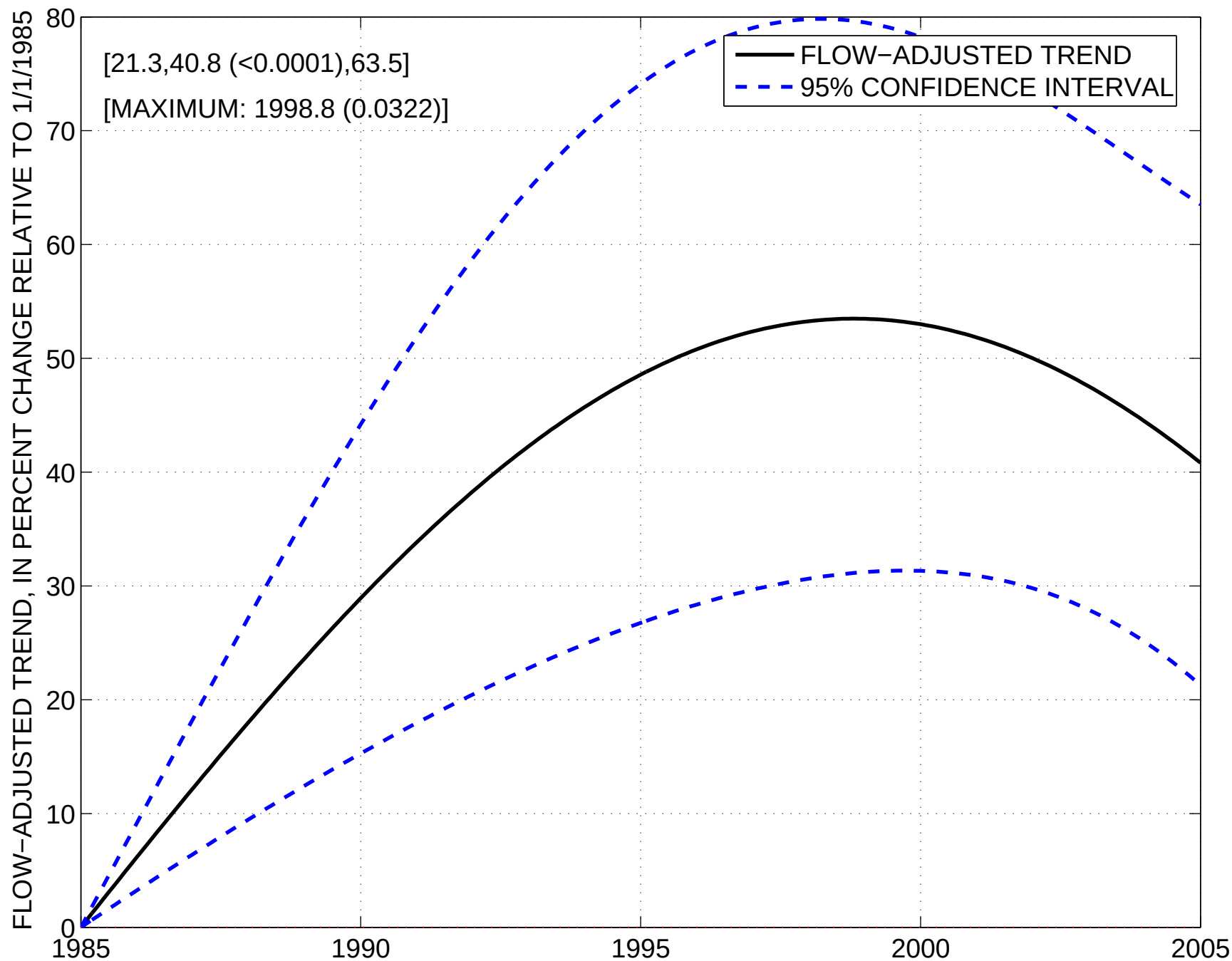




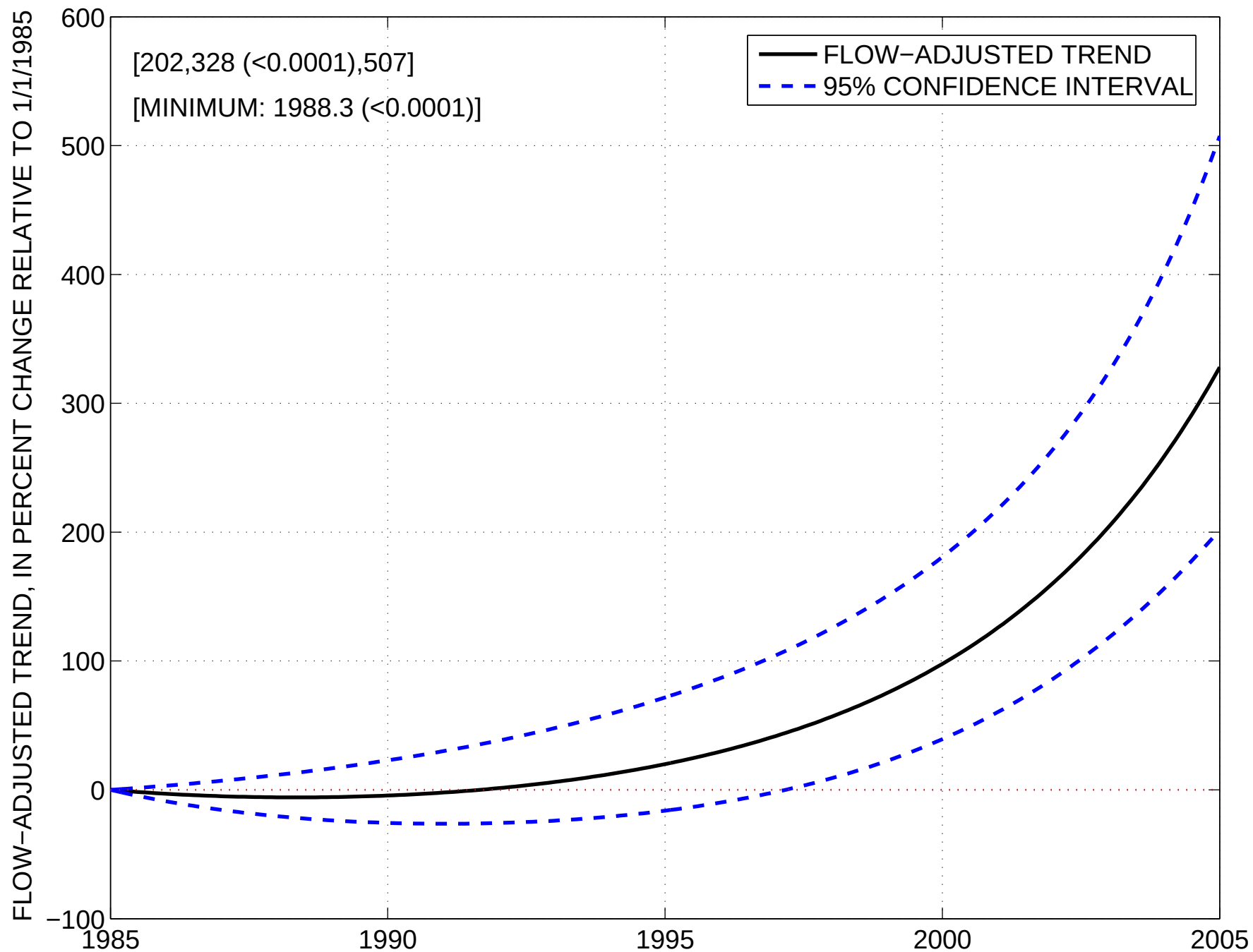
01634000: N F SHENANDOAH RIVER NEAR STRASBURG, VA: 00530: SEDIMENT

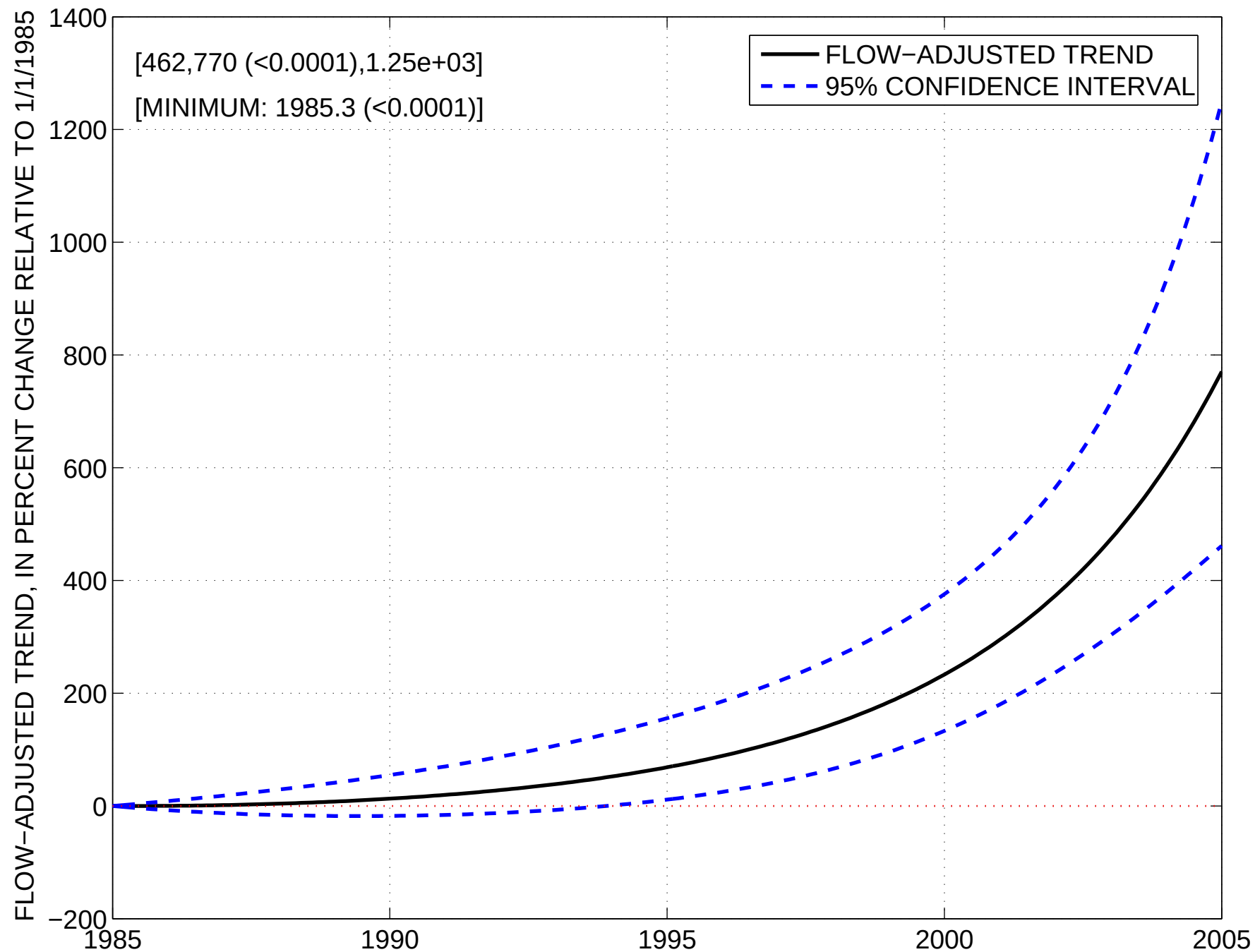


01634000: N F SHENANDOAH RIVER NEAR STRASBURG, VA: 00600: TOTAL NITROGEN

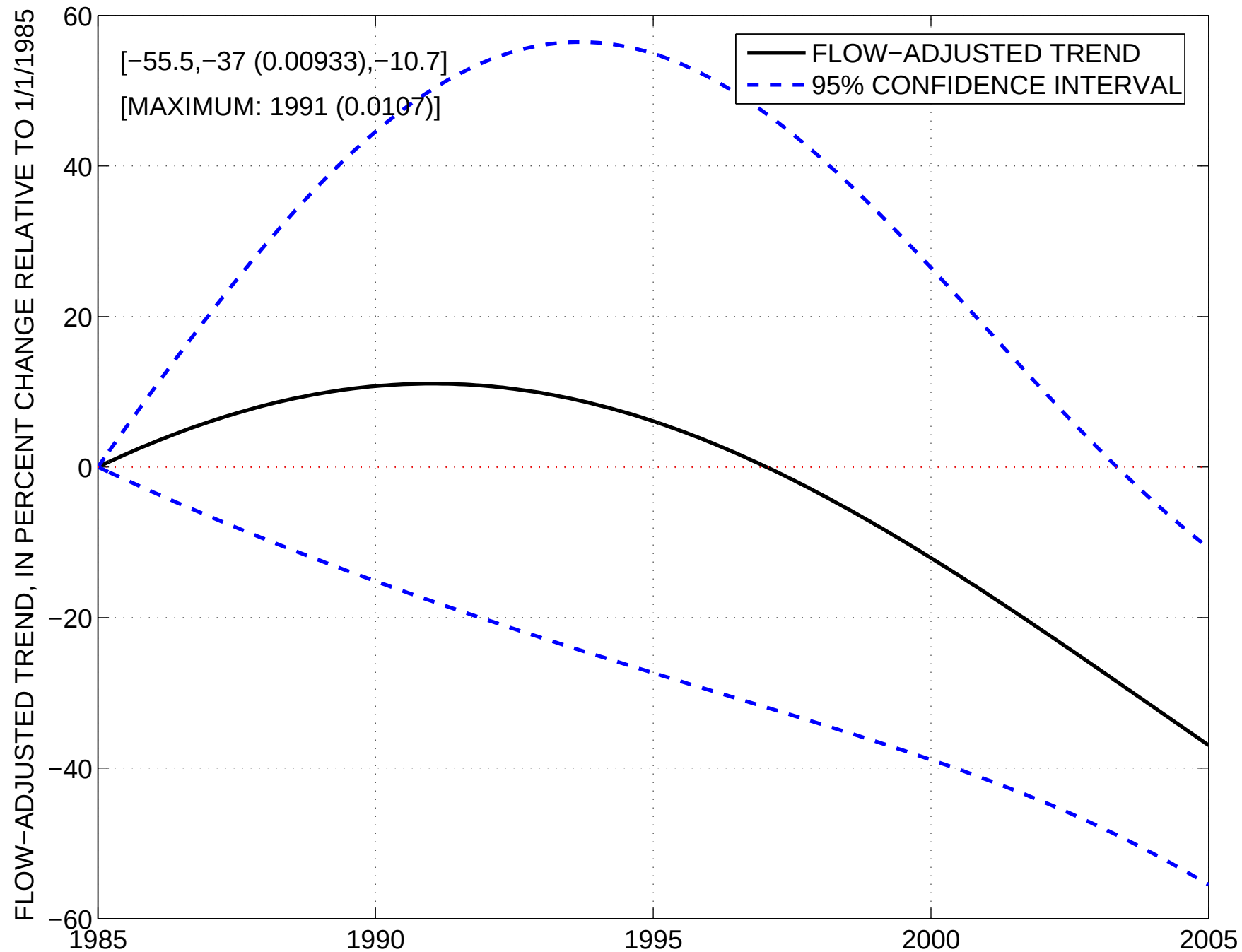


01634000: N F SHENANDOAH RIVER NEAR STRASBURG, VA: 00665: TOTAL PHOSPHORUS

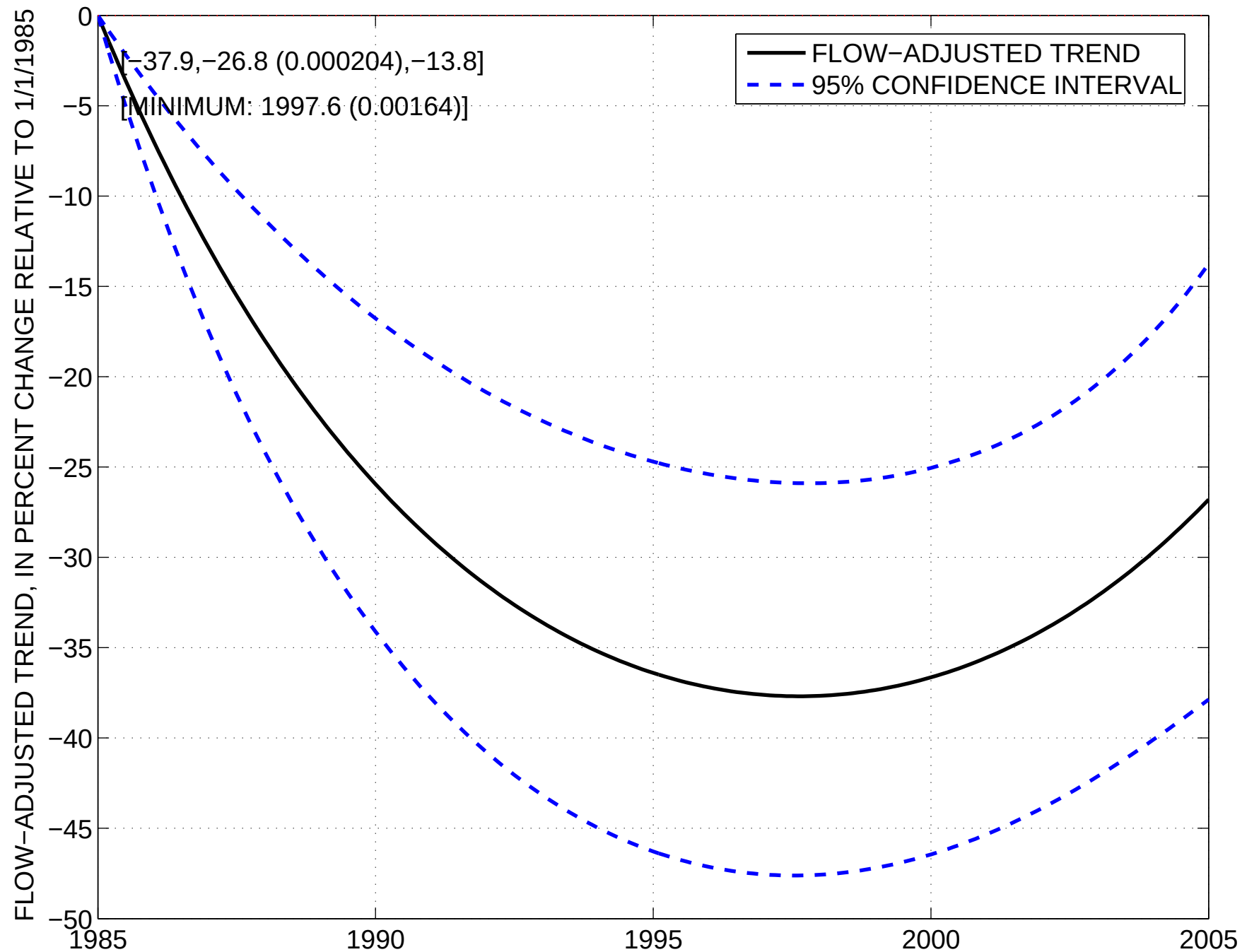




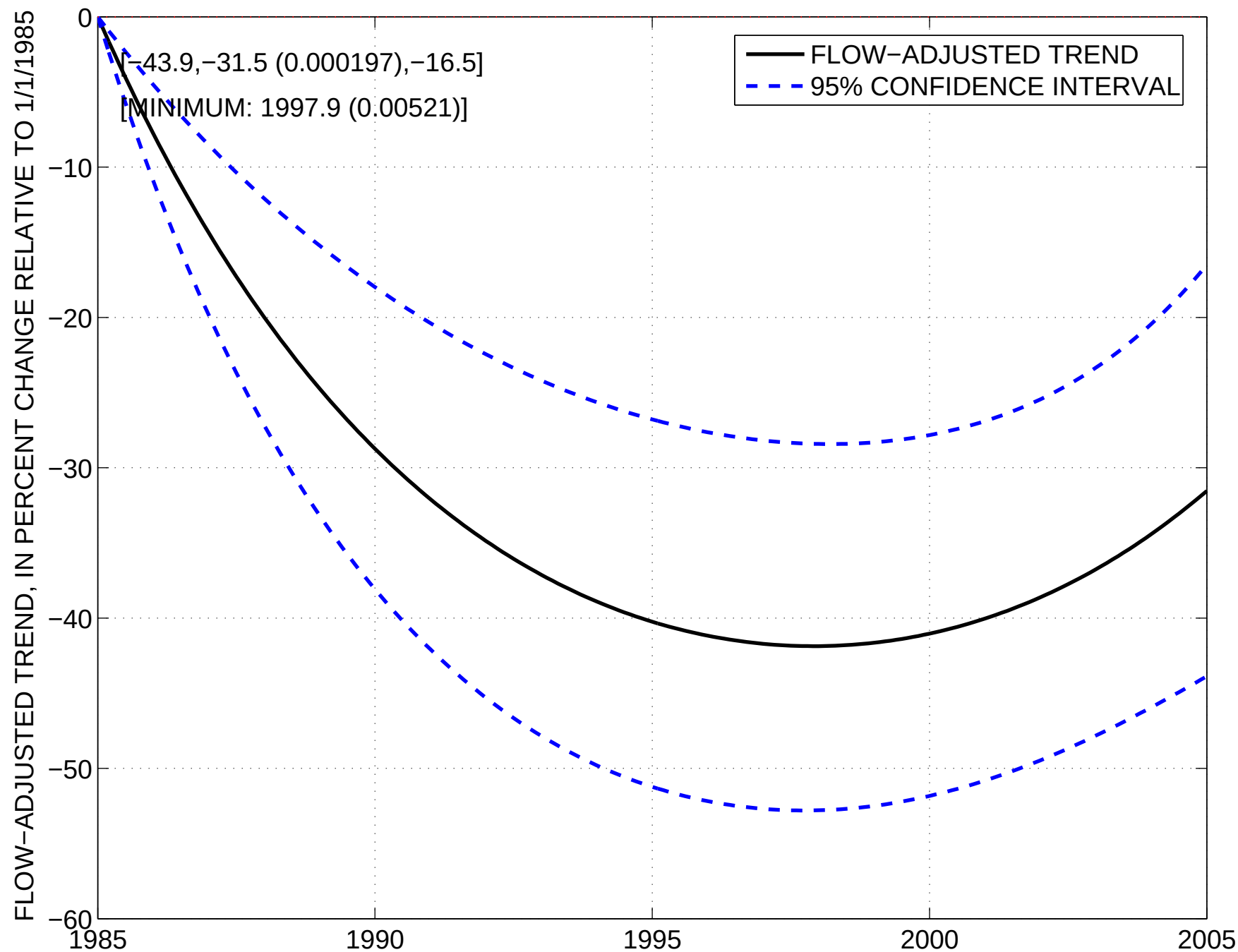
01639000: MONOCACY RIVER AT BRIDGEPORT, MD: 00530: SEDIMENT



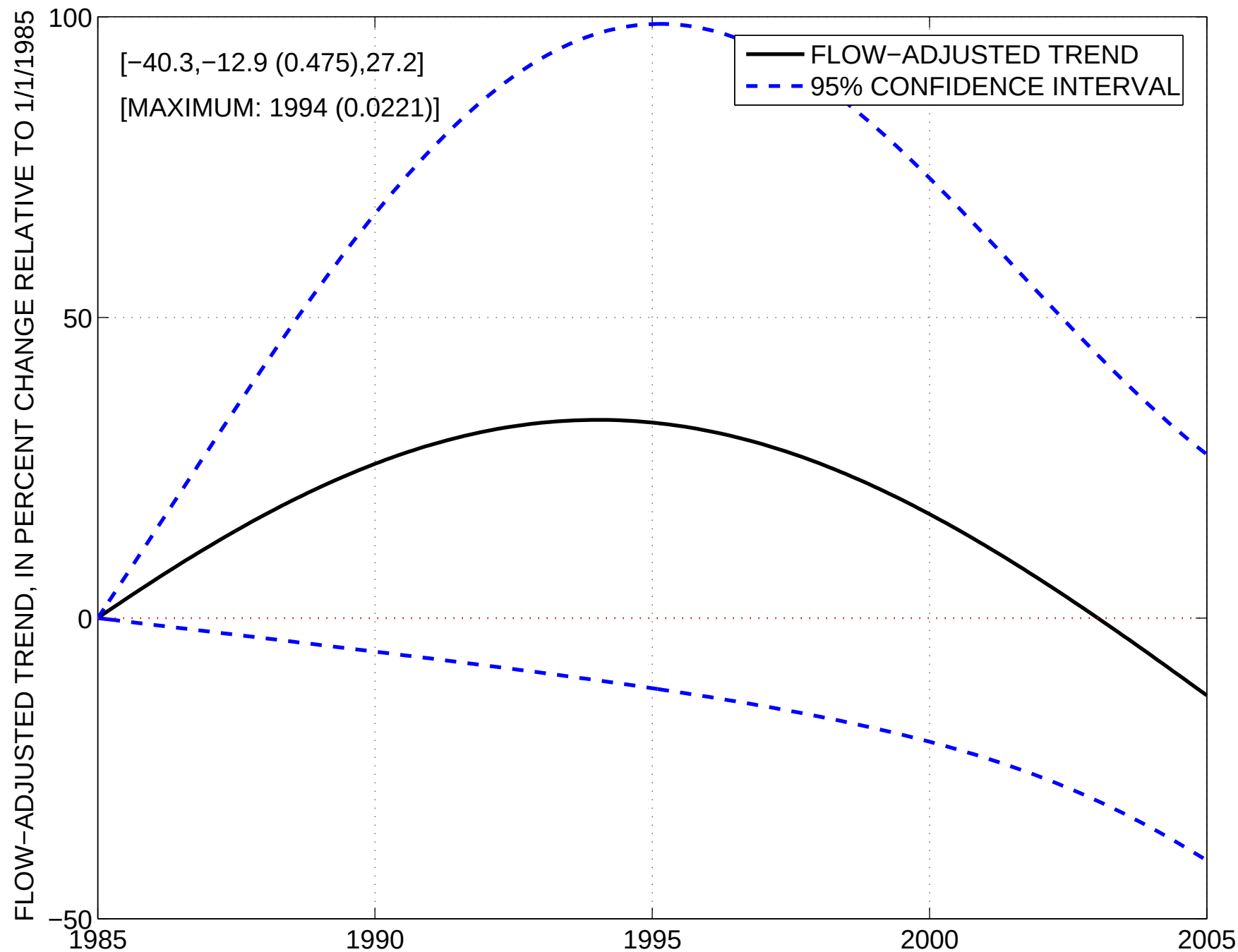
01639000: MONOCACY RIVER AT BRIDGEPORT, MD: 00600: TOTAL NITROGEN



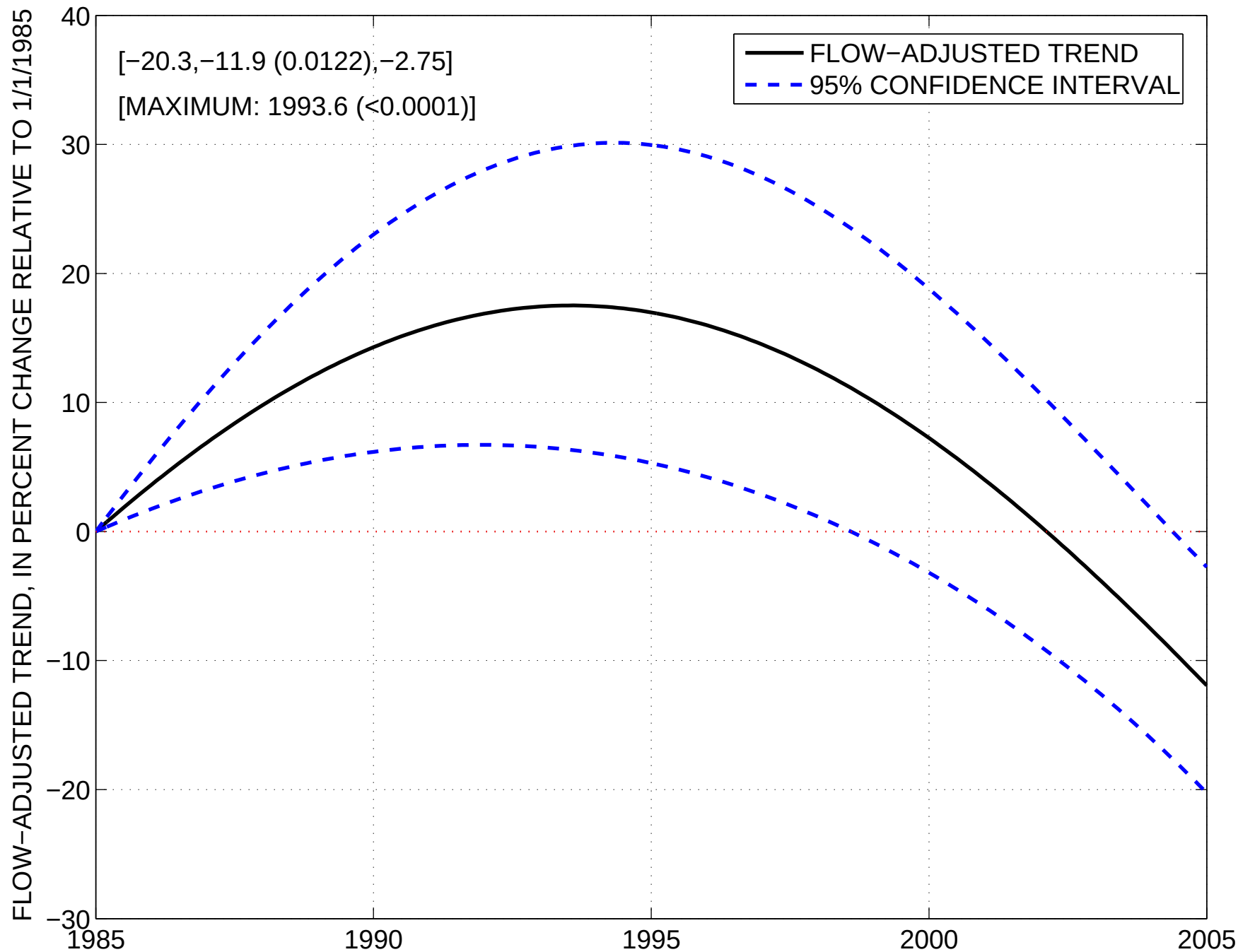
01639000: MONOCACY RIVER AT BRIDGEPORT, MD: 00665: TOTAL PHOSPHORUS



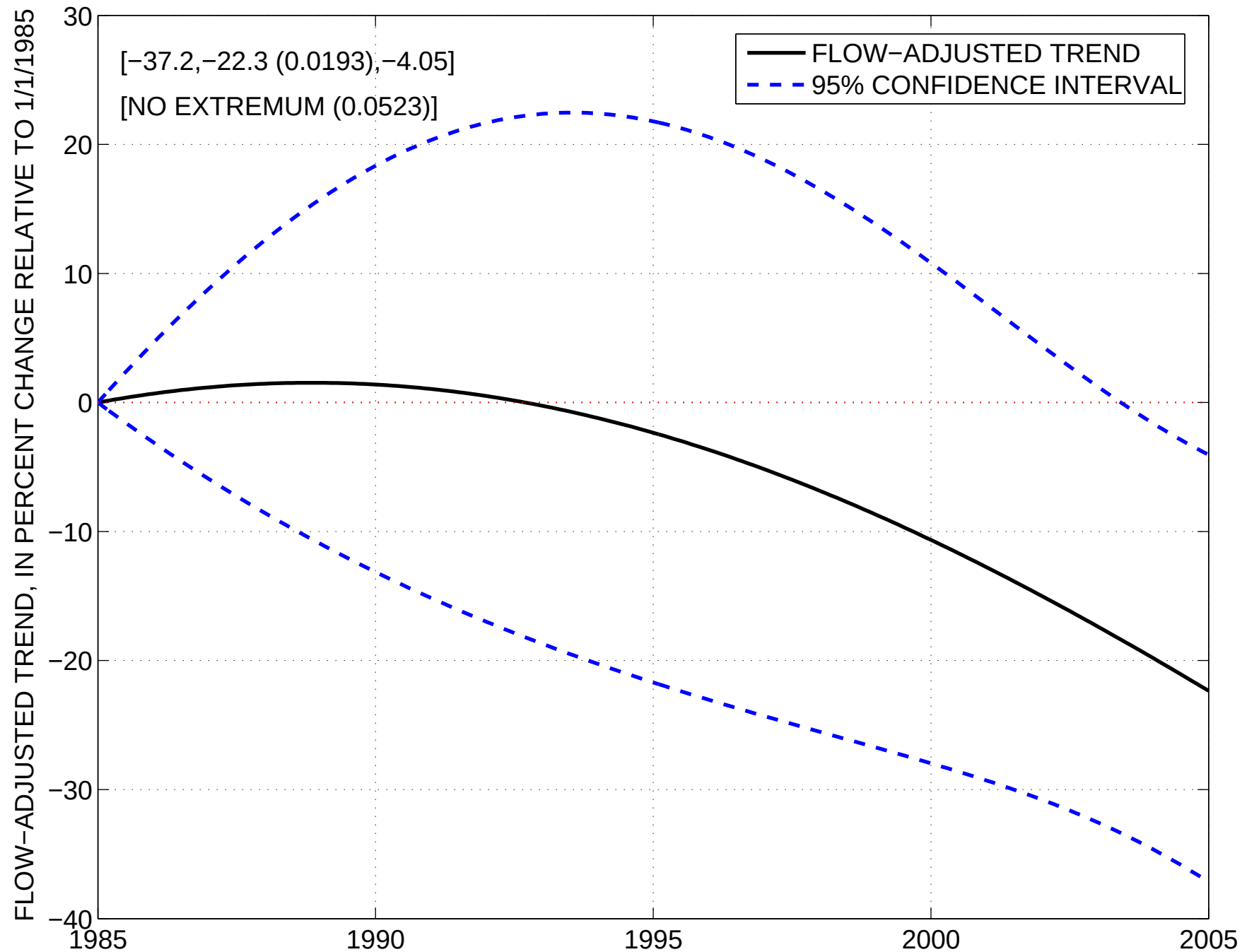
01643000: MONOCACY RIVER AT JUG BRIDGE NEAR FREDERICK, MD: 00530: SEDIMENT



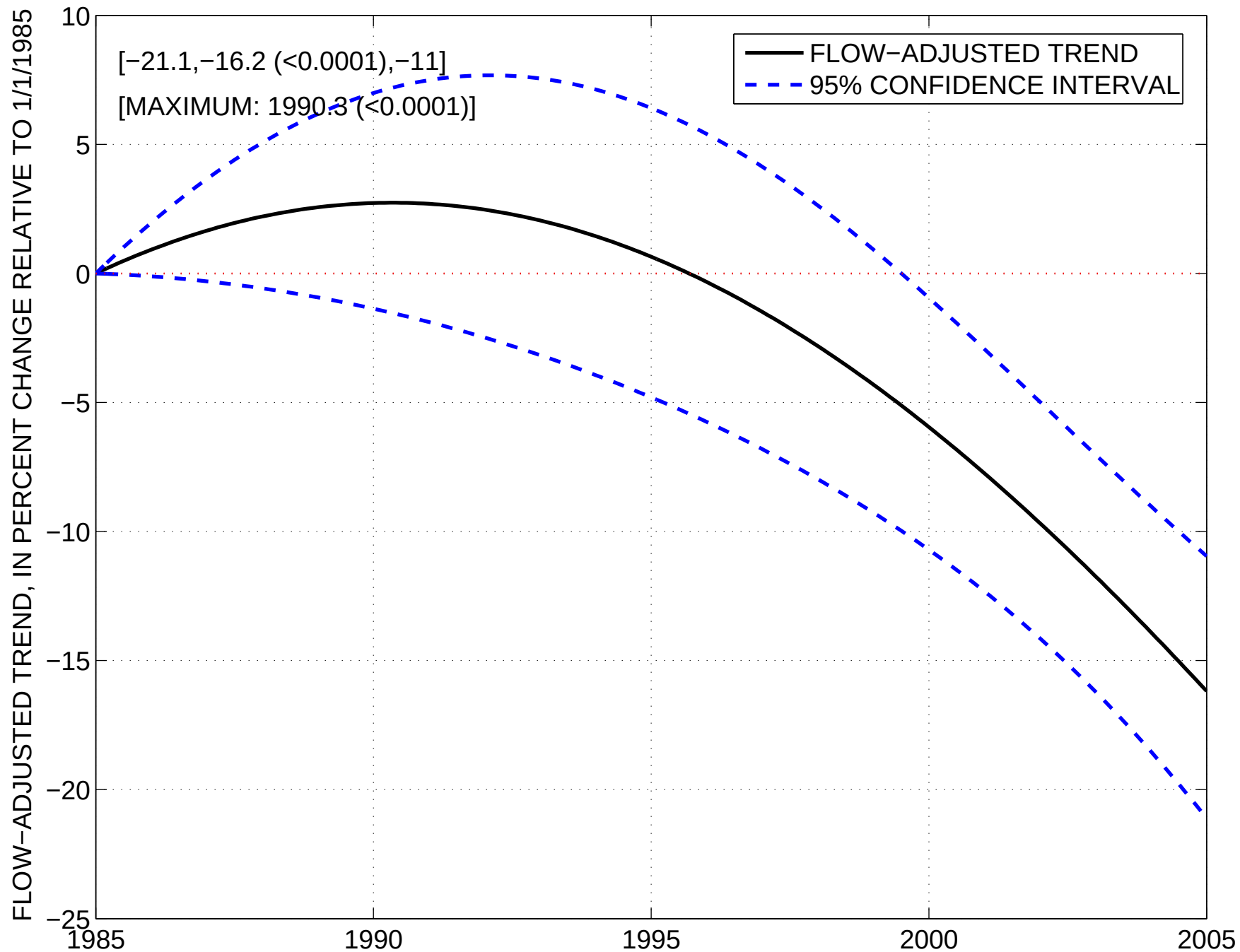
01643000: MONOCACY RIVER AT JUG BRIDGE NEAR FREDERICK, MD: 00600: TOTAL NITROGEN

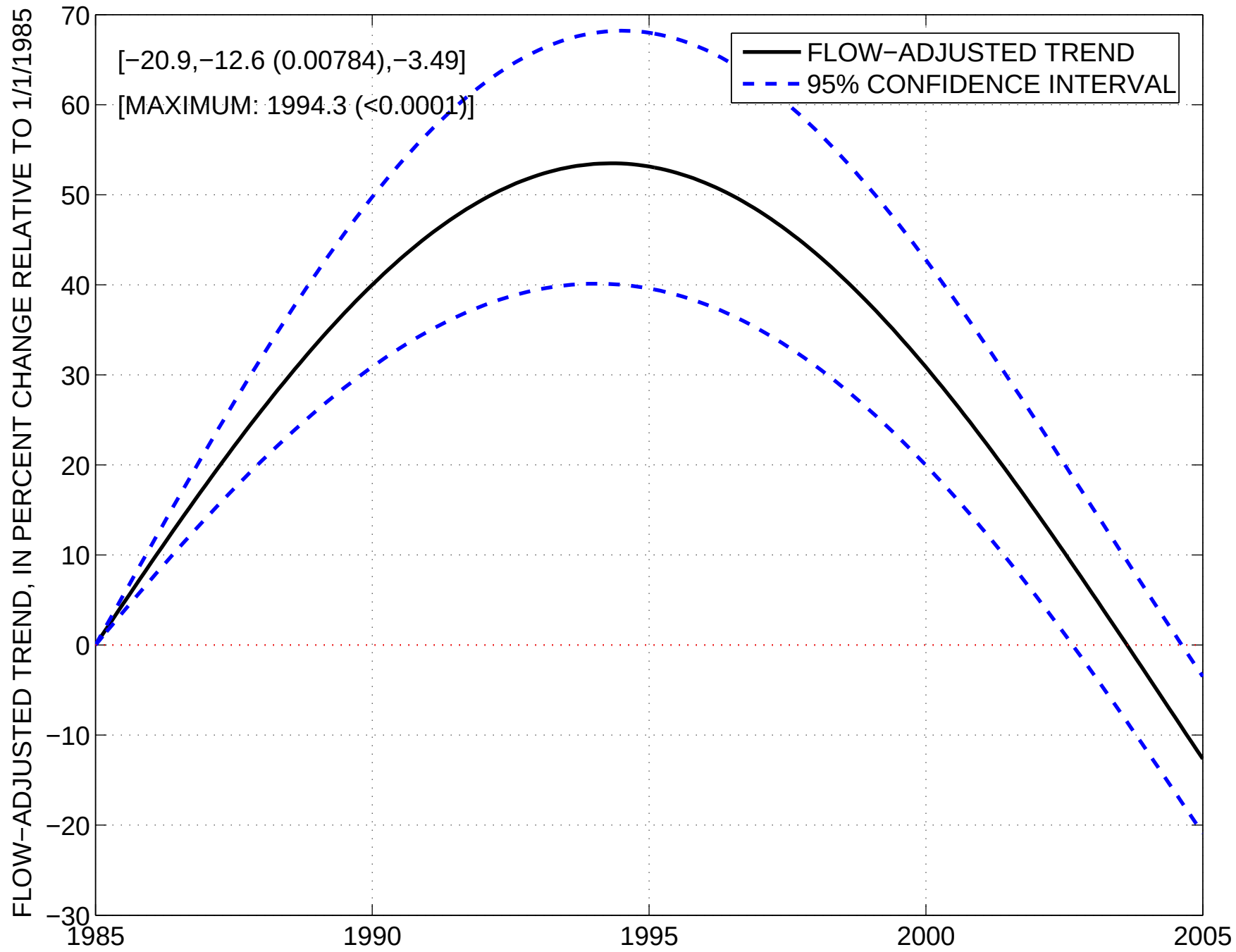


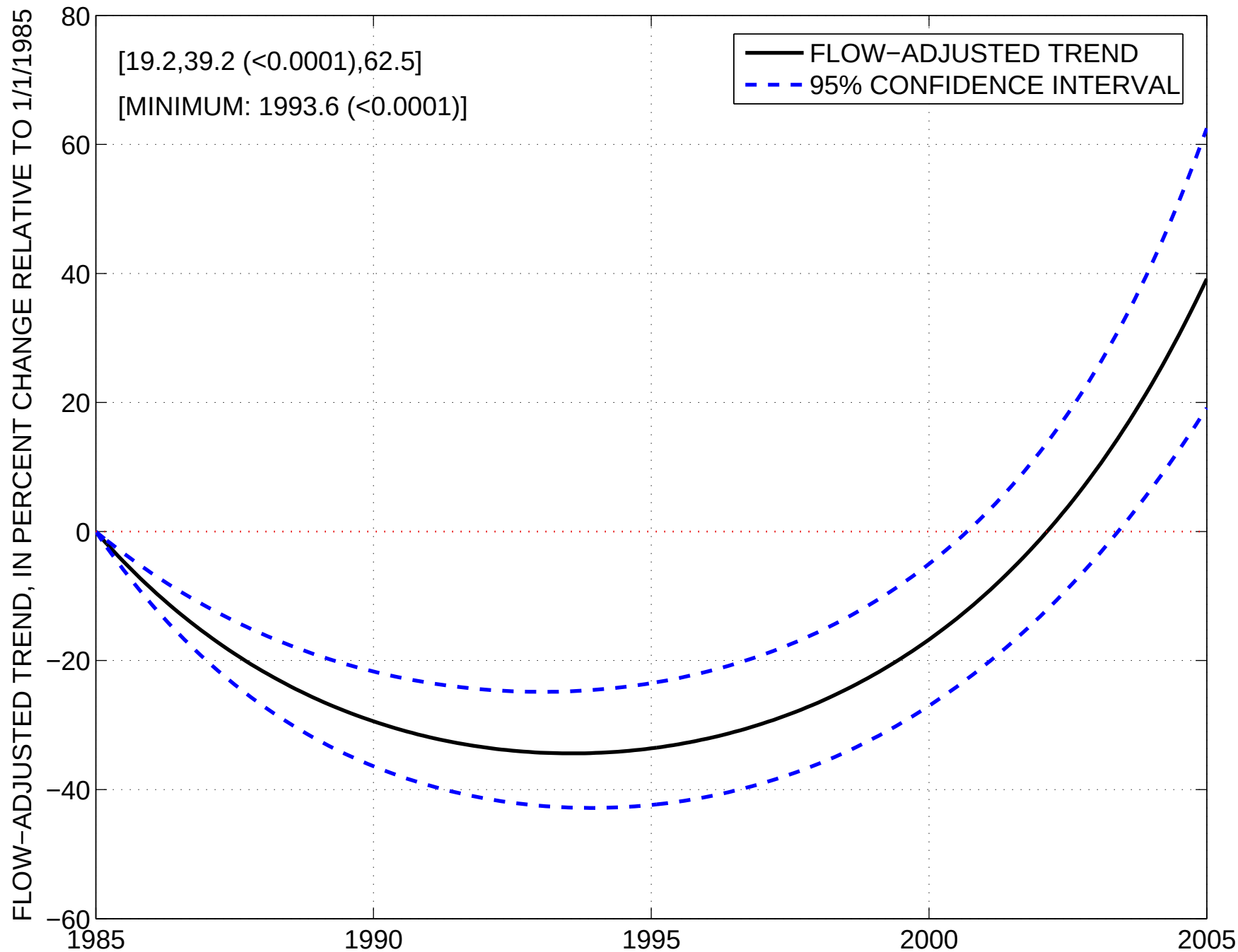
01643000: MONOCACY RIVER AT JUG BRIDGE NEAR FREDERICK, MD: 00665: TOTAL PHOSPHORUS

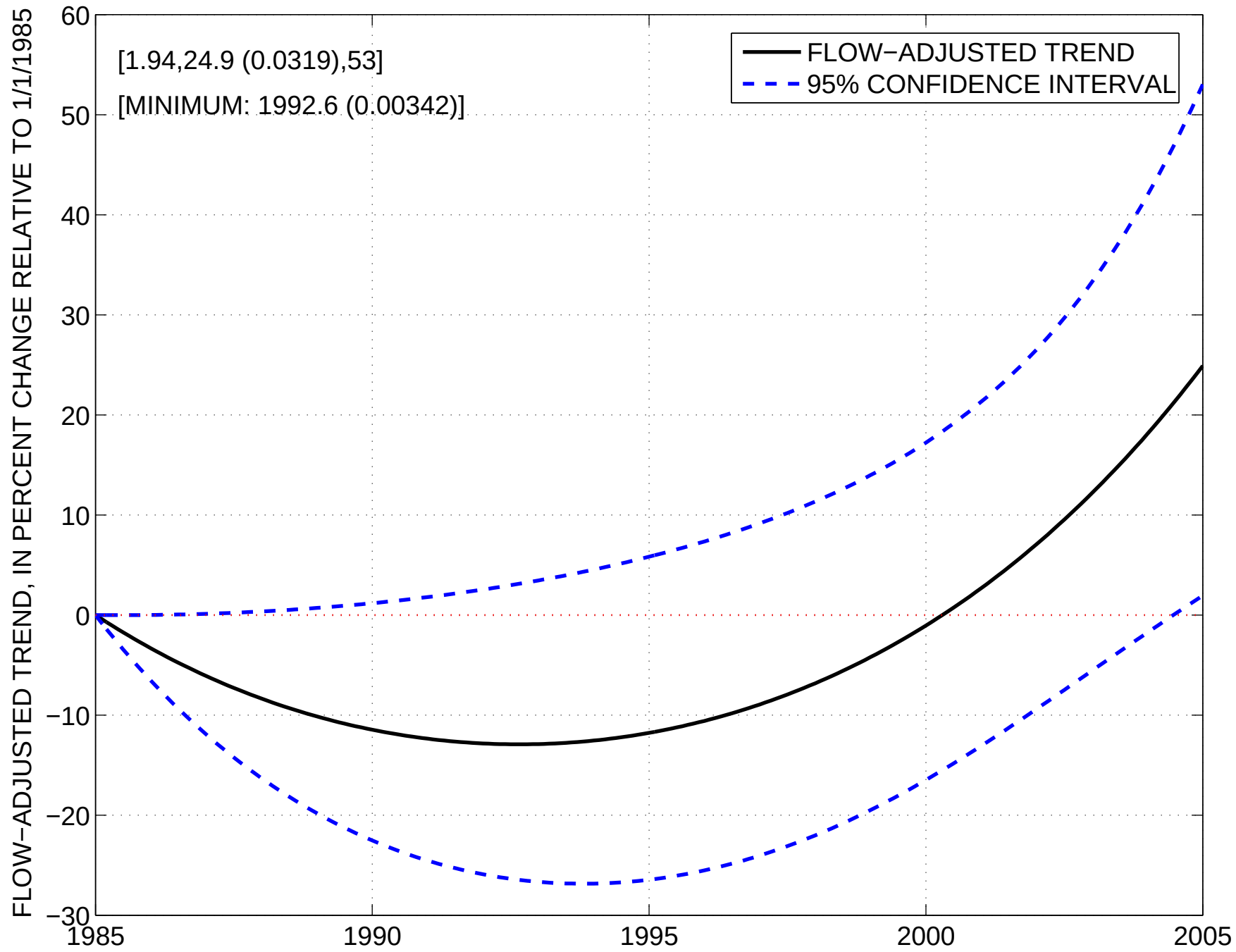


01646580: POTOMAC RIVER AT CHAIN BRIDGE, AT WASHINGTON, DC: 00600: TOTAL NITROGEN

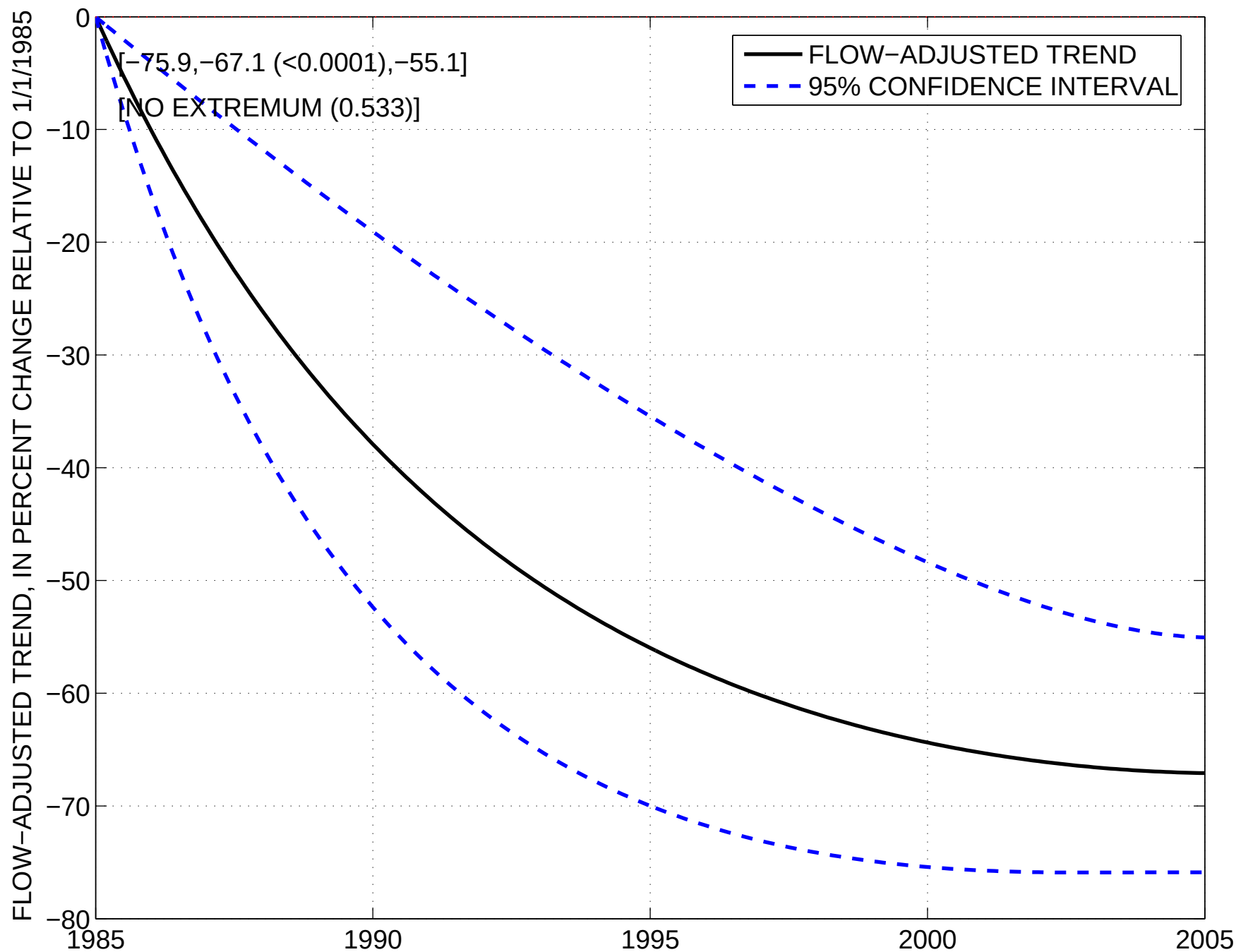




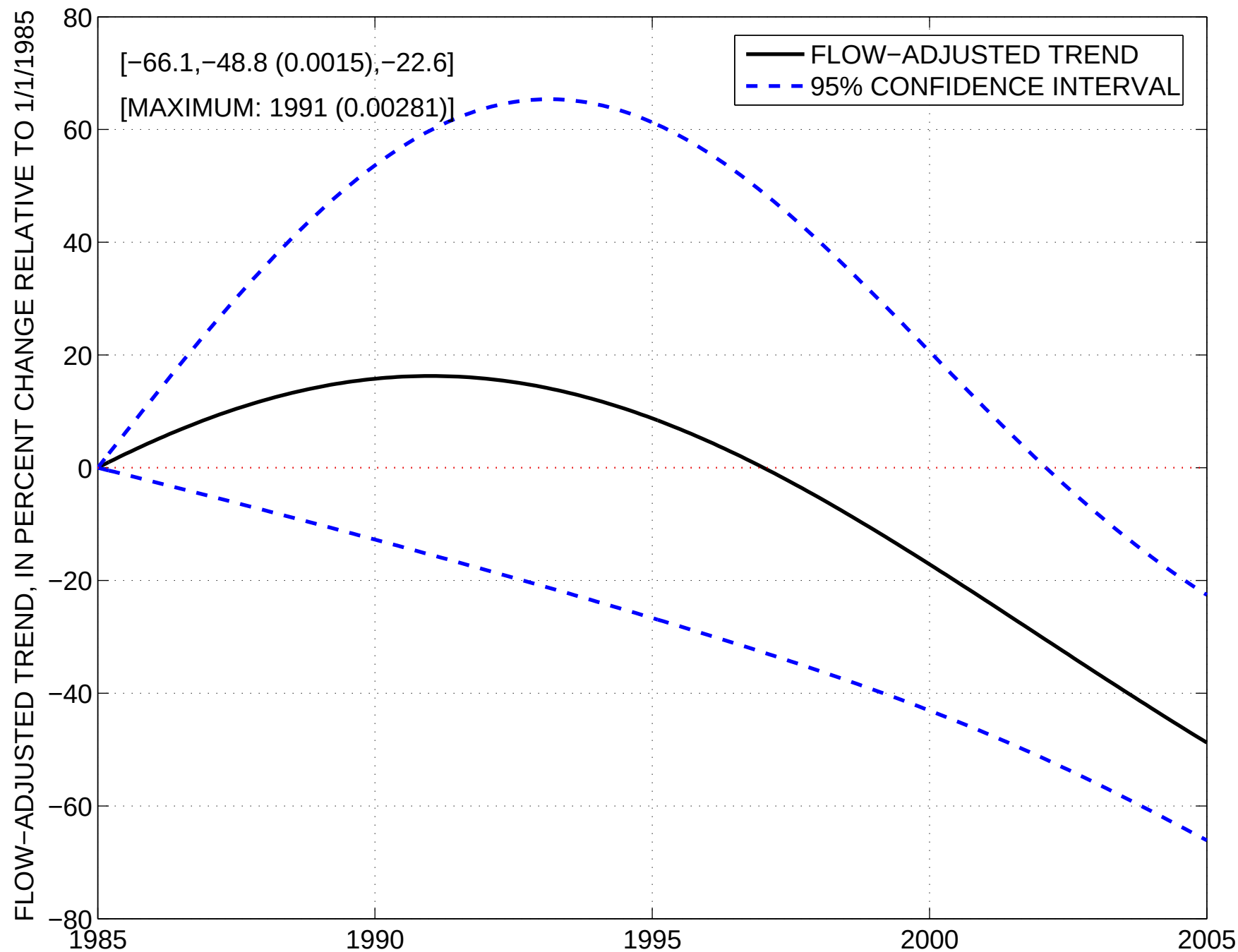




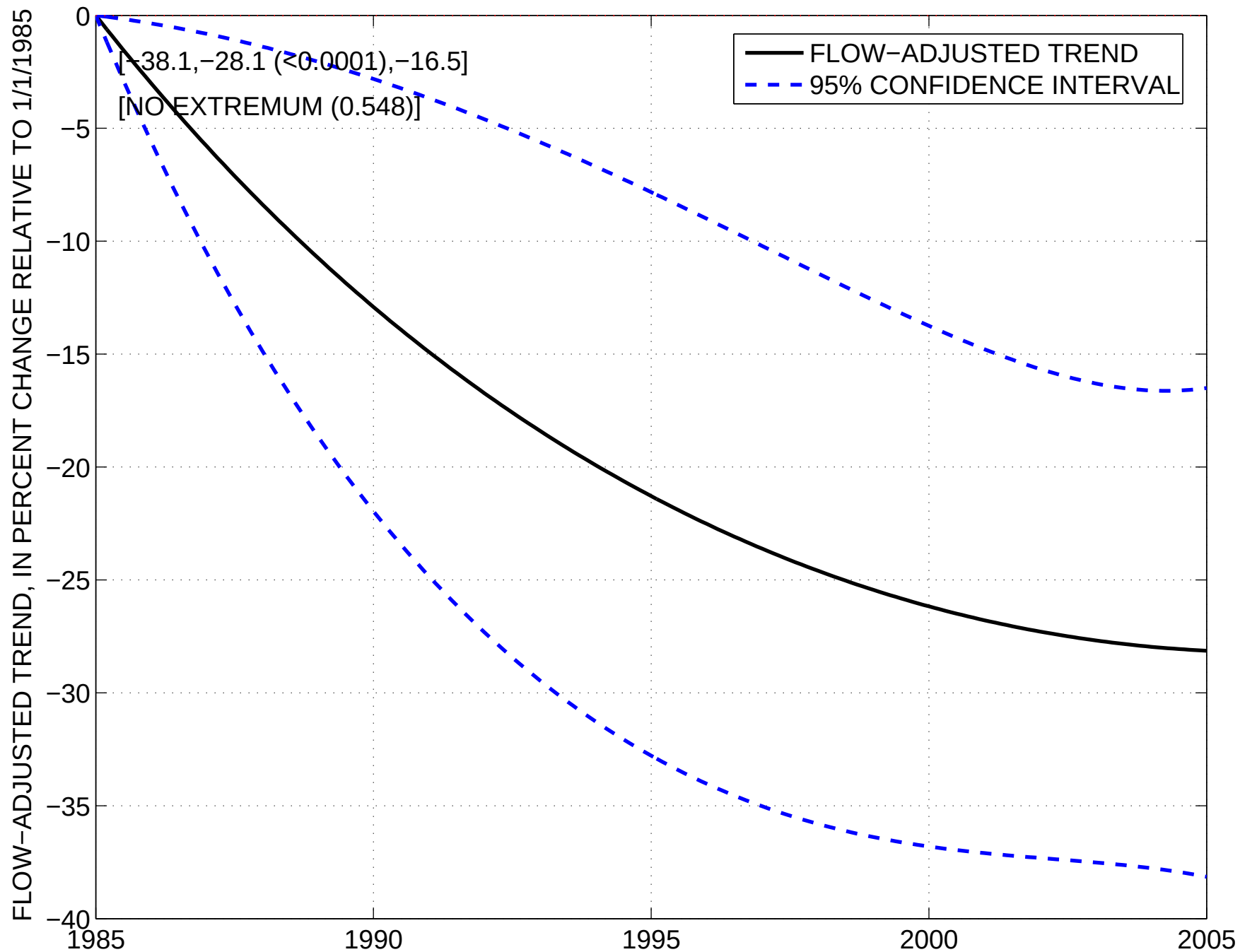
01646580: POTOMAC RIVER AT CHAIN BRIDGE, AT WASHINGTON, DC: 80154: SEDIMENT



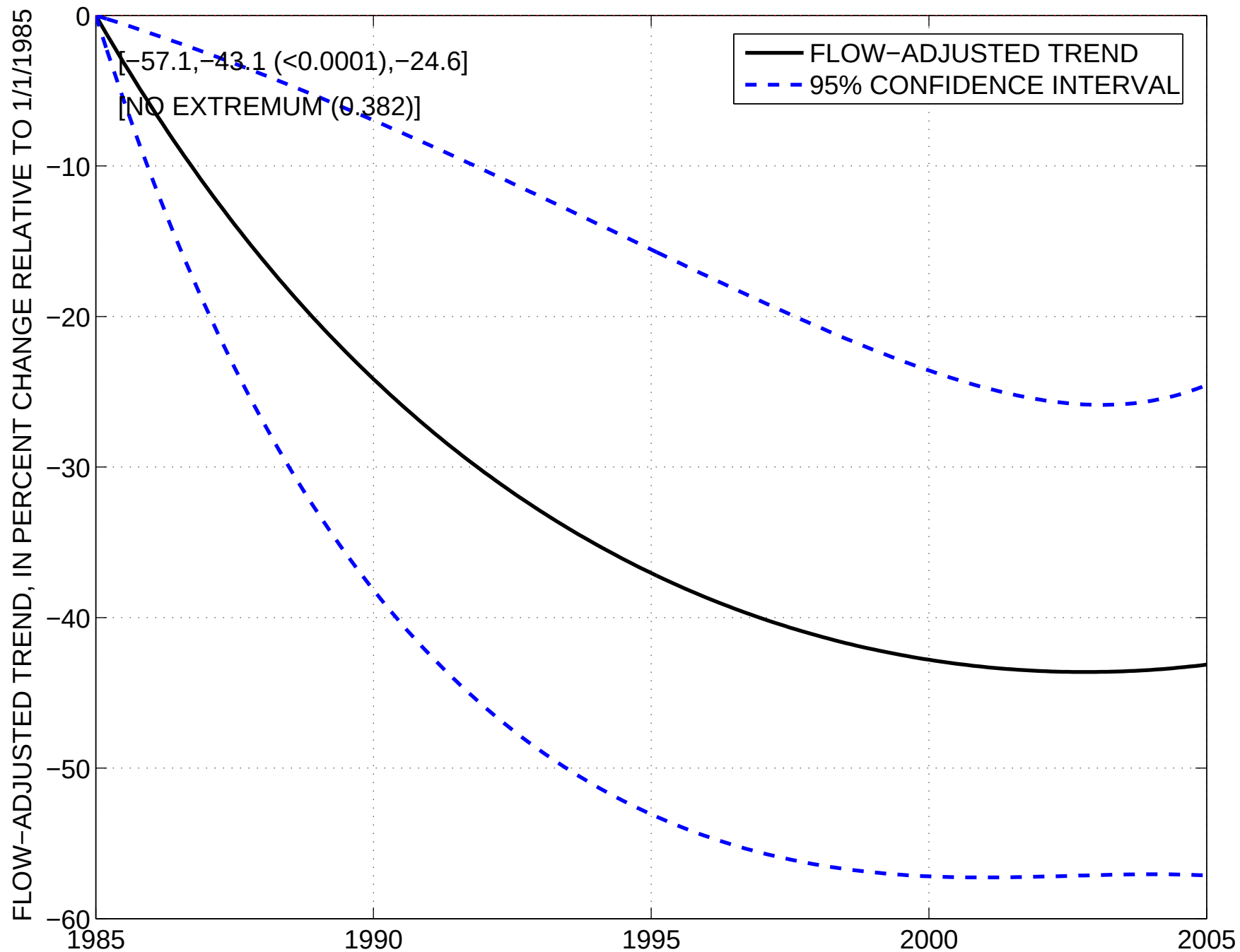
01651000: NW BRANCH ANACOSTIA RIVER NEAR HYATTSVILLE, MD: 00530: SEDIMENT



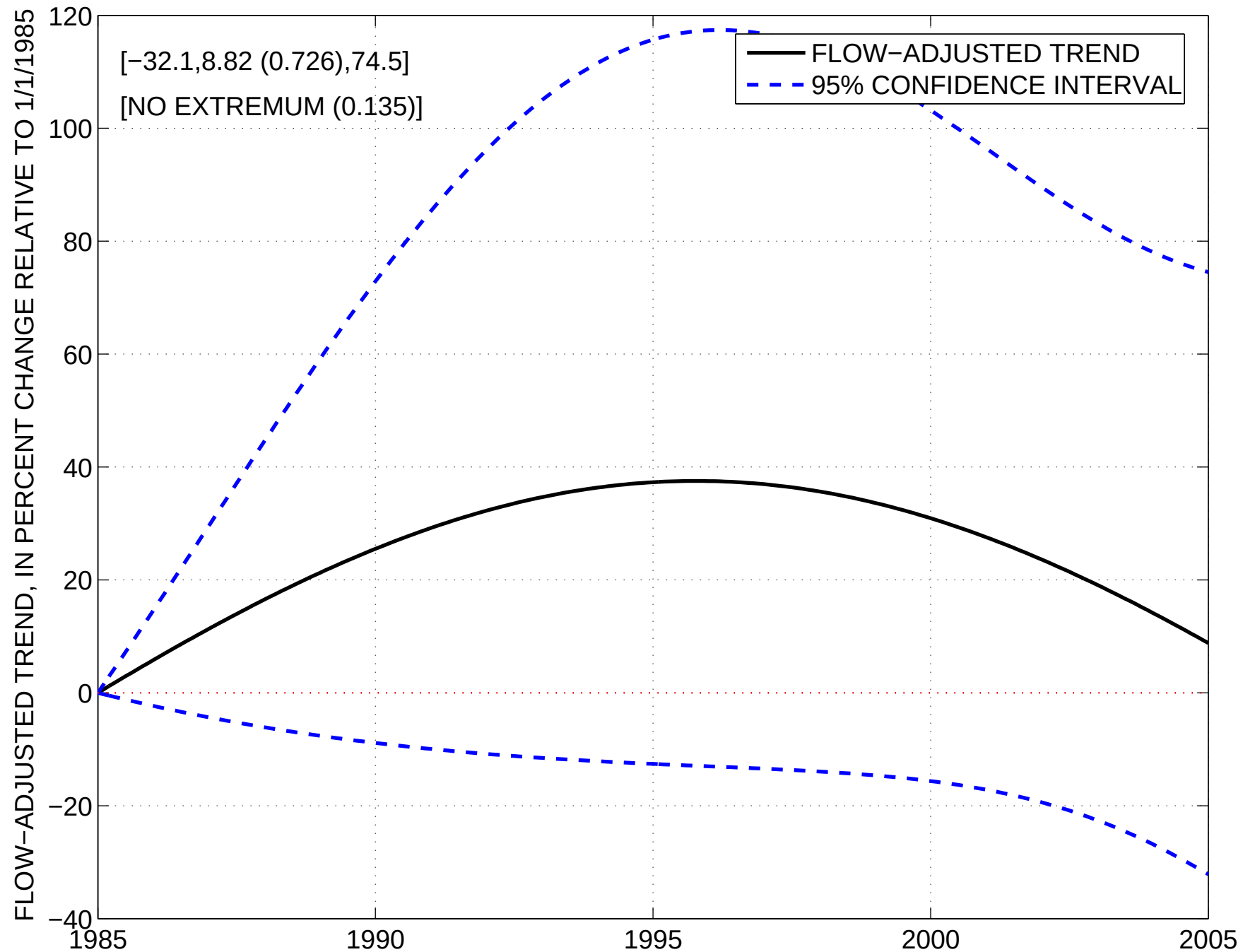
01651000: NW BRANCH ANACOSTIA RIVER NEAR HYATTSVILLE, MD: 00600: TOTAL NITROGEN



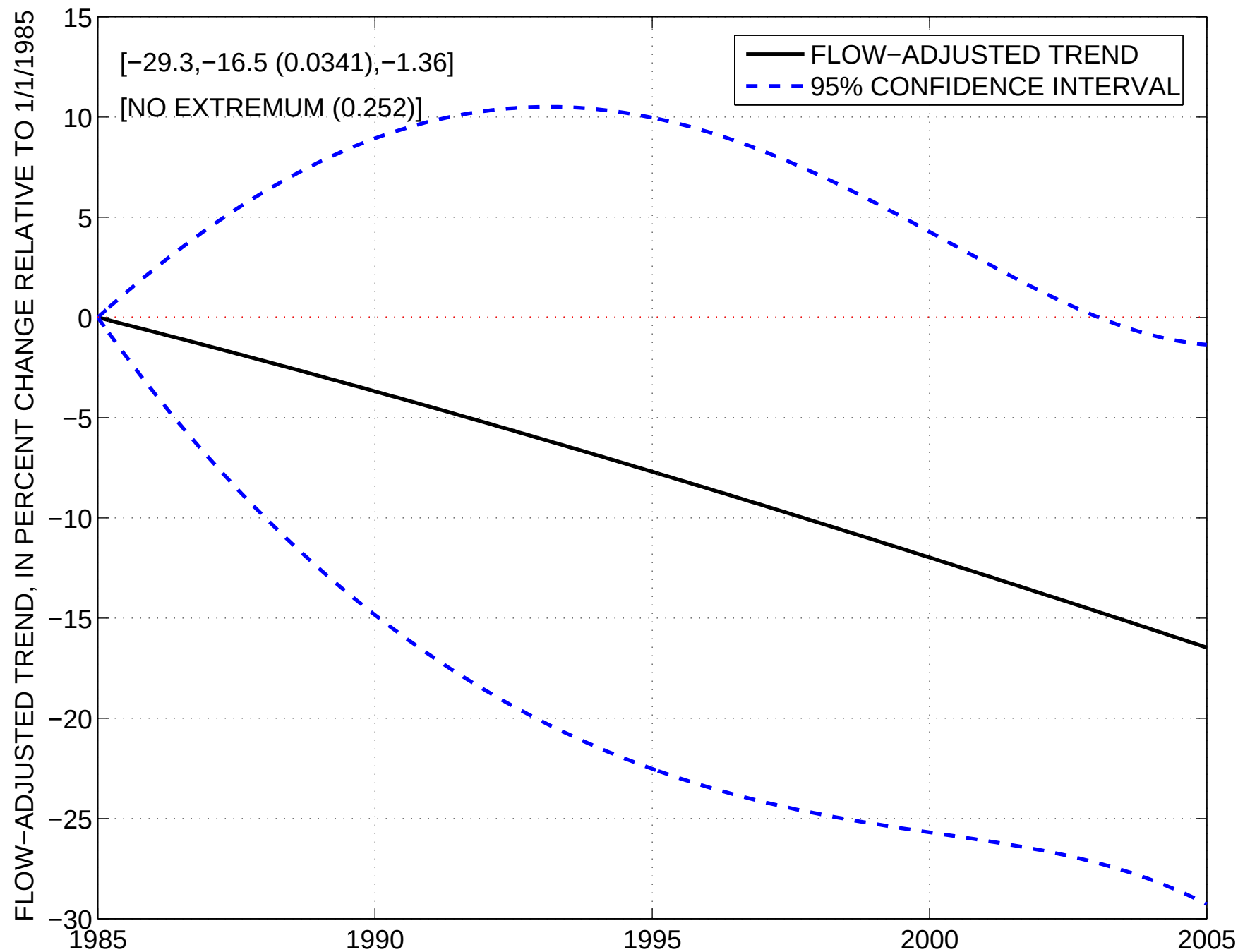
01651000: NW BRANCH ANACOSTIA RIVER NEAR HYATTSVILLE, MD: 00665: TOTAL PHOSPHORUS



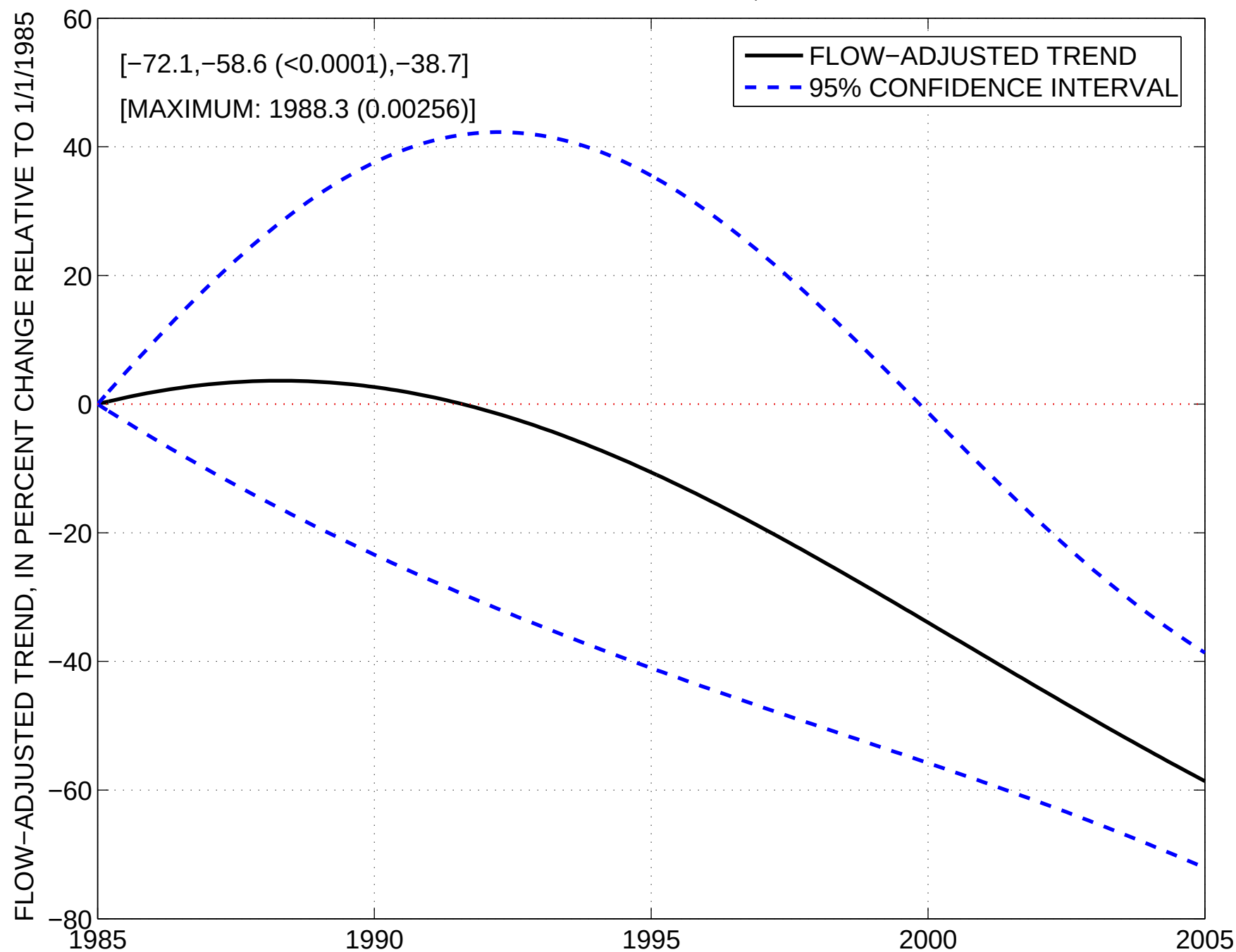
01666500: ROBINSON RIVER NEAR LOCUST DALE, VA: 00530: SEDIMENT



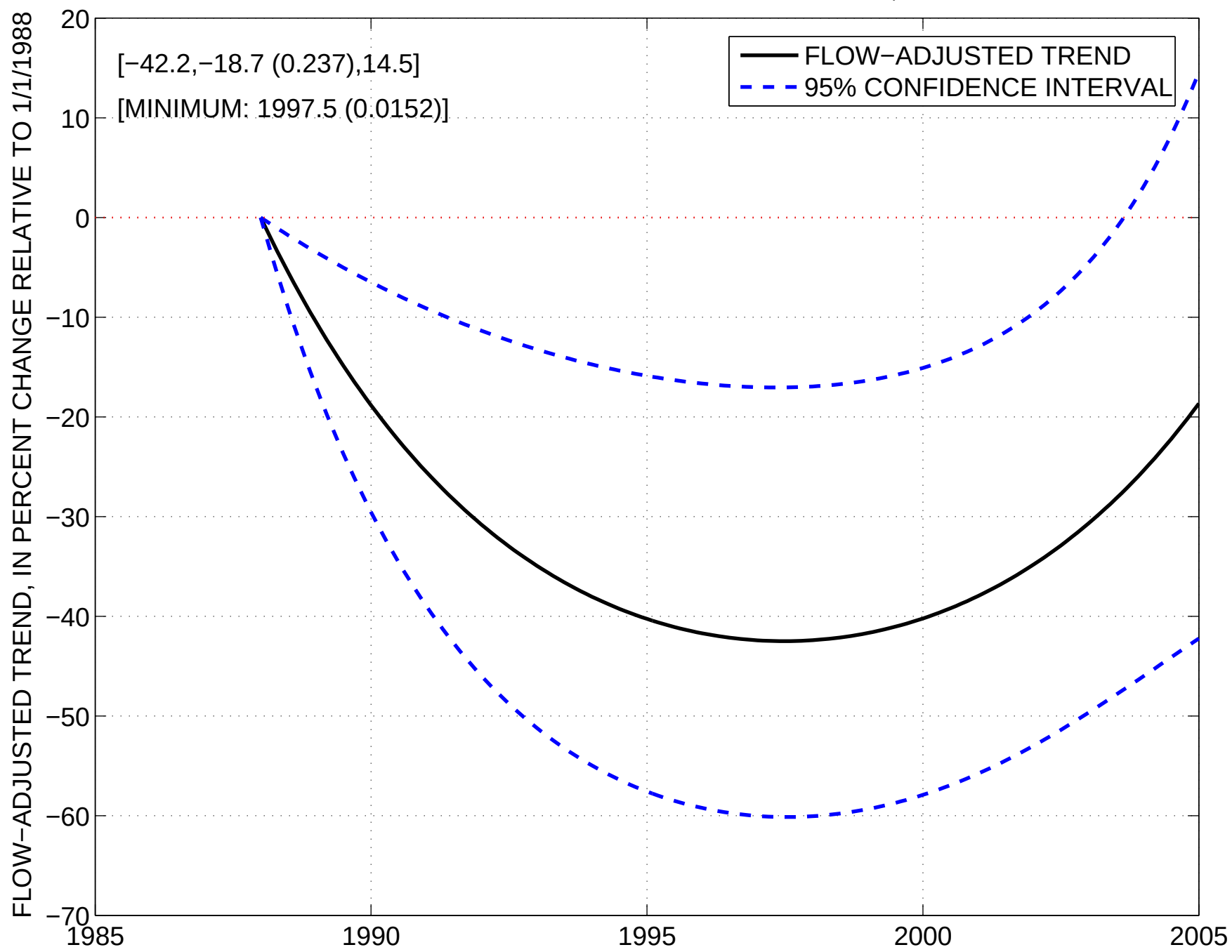
01666500: ROBINSON RIVER NEAR LOCUST DALE, VA: 00600: TOTAL NITROGEN



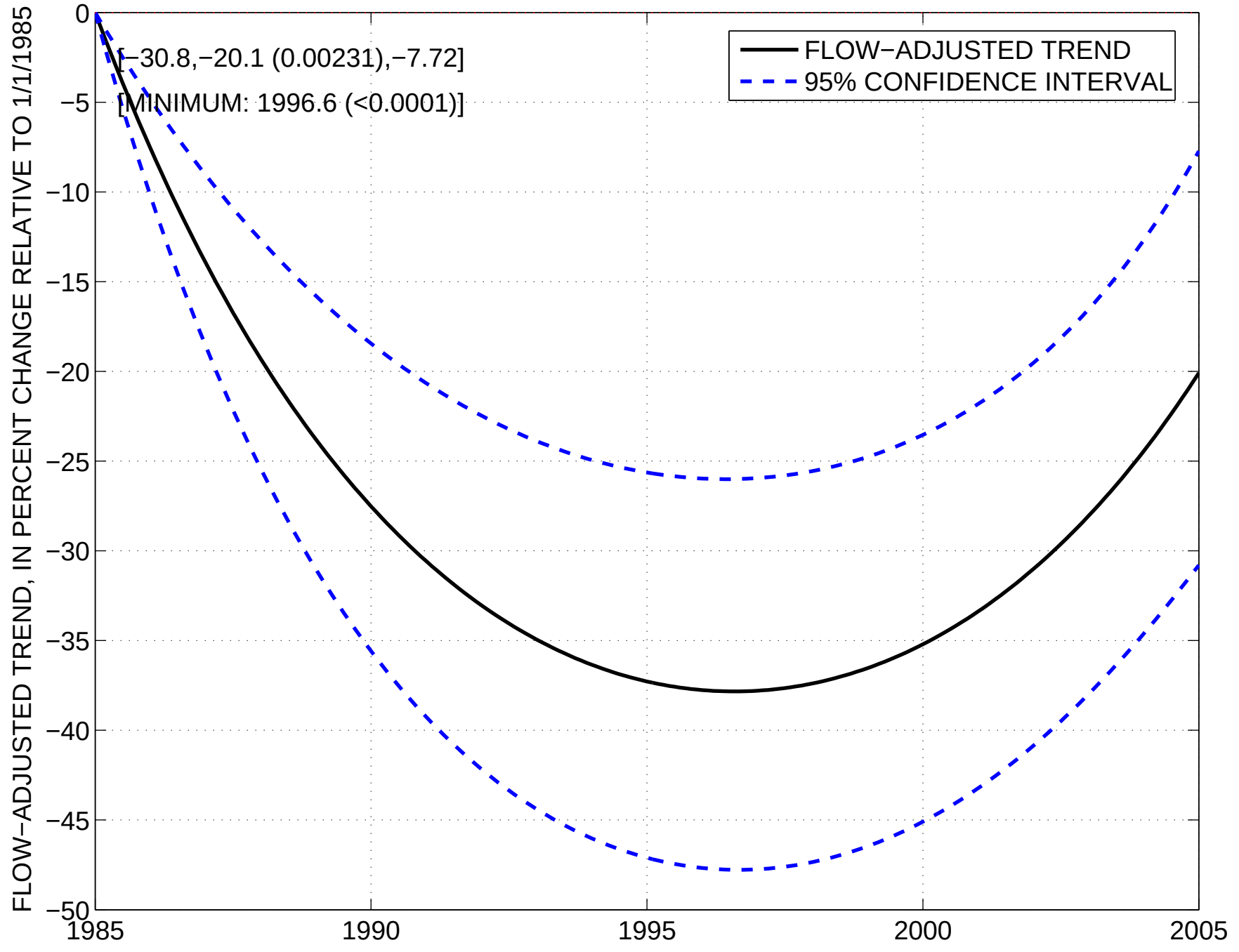
01666500: ROBINSON RIVER NEAR LOCUST DALE, VA: 00665: TOTAL PHOSPHORUS

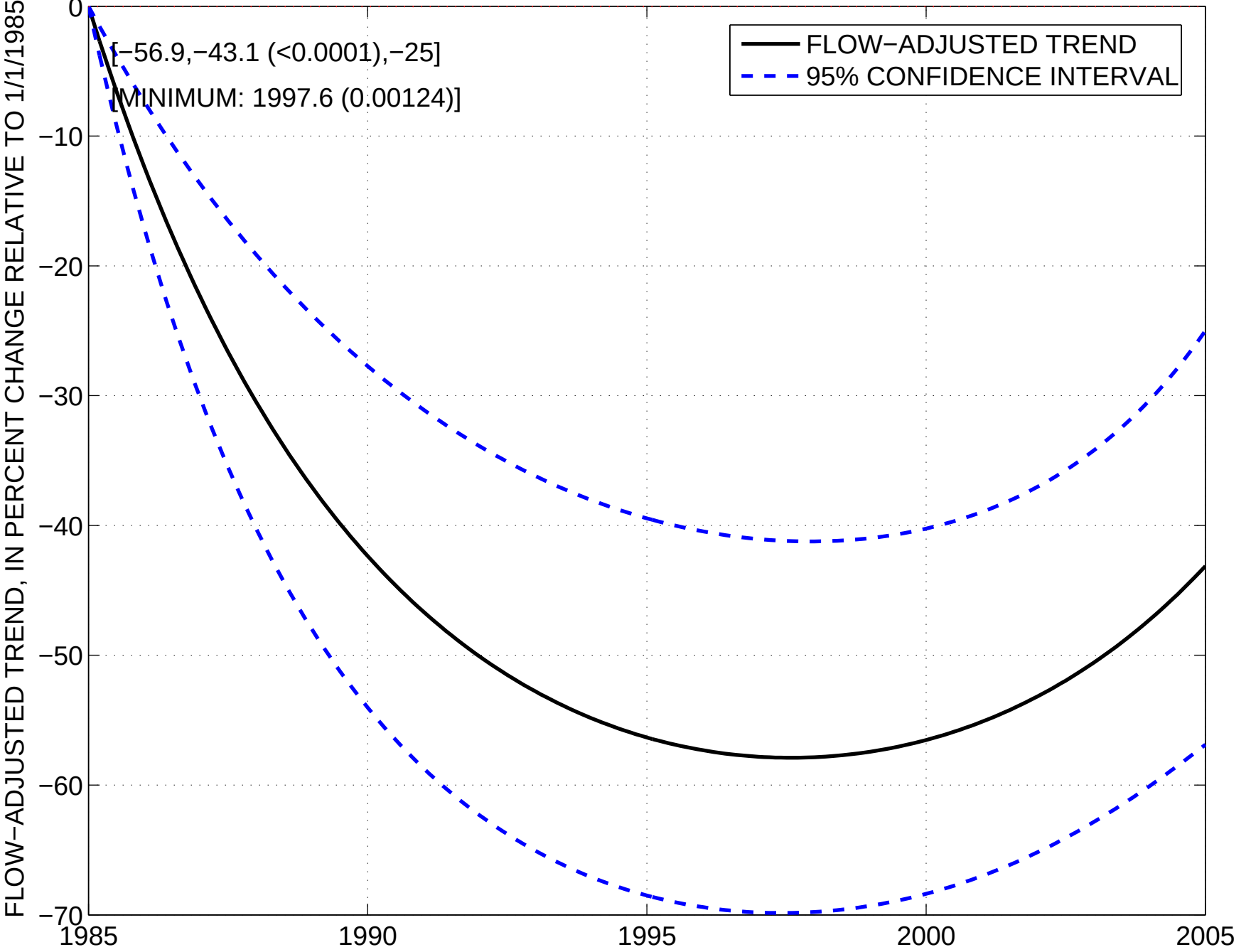


01668000: RAPPAHANNOCK RIVER NEAR FREDERICKSBURG, VA: 00530: SEDIMENT

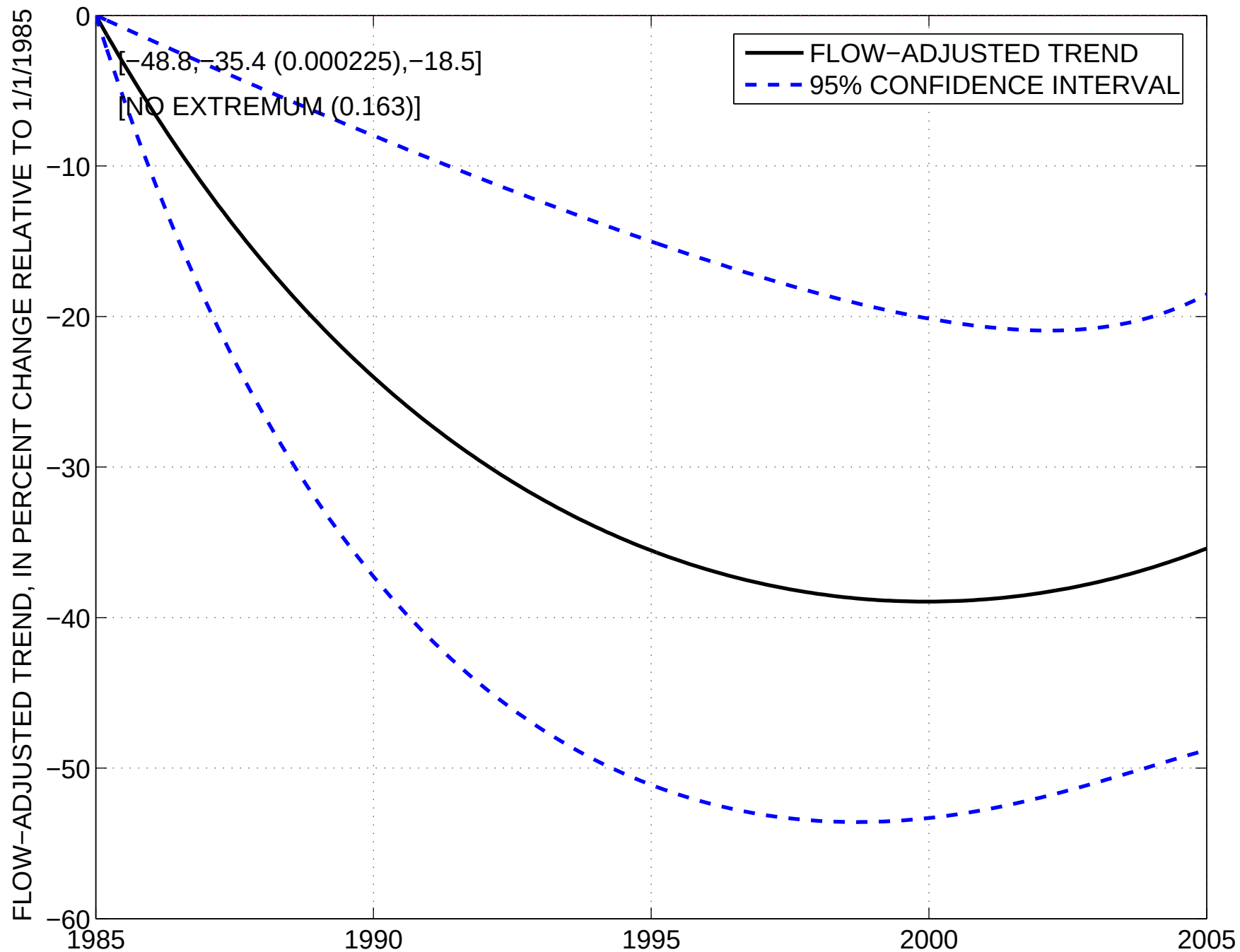


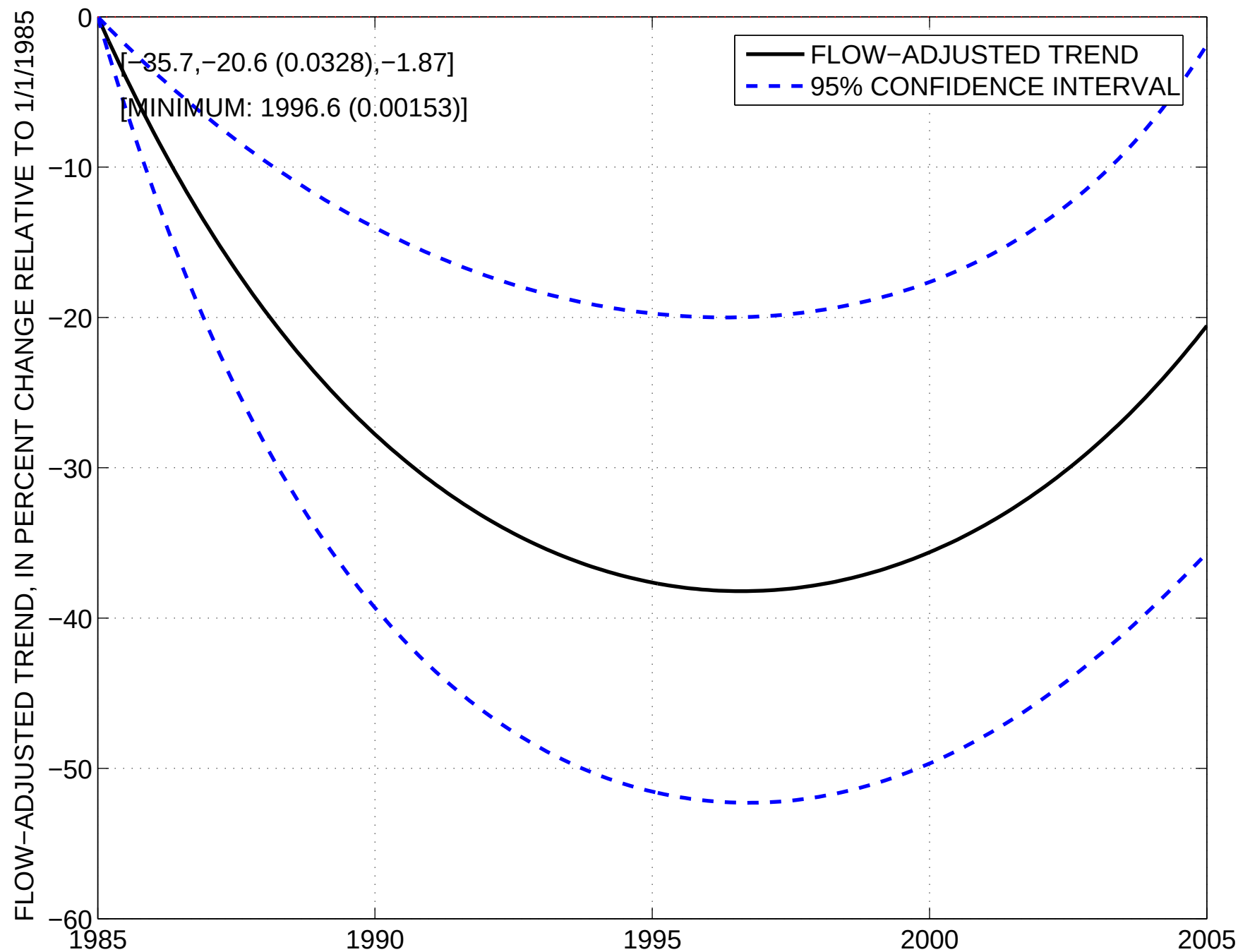
01668000: RAPPAHANNOCK RIVER NEAR FREDERICKSBURG, VA: 00600: TOTAL NITROGEN

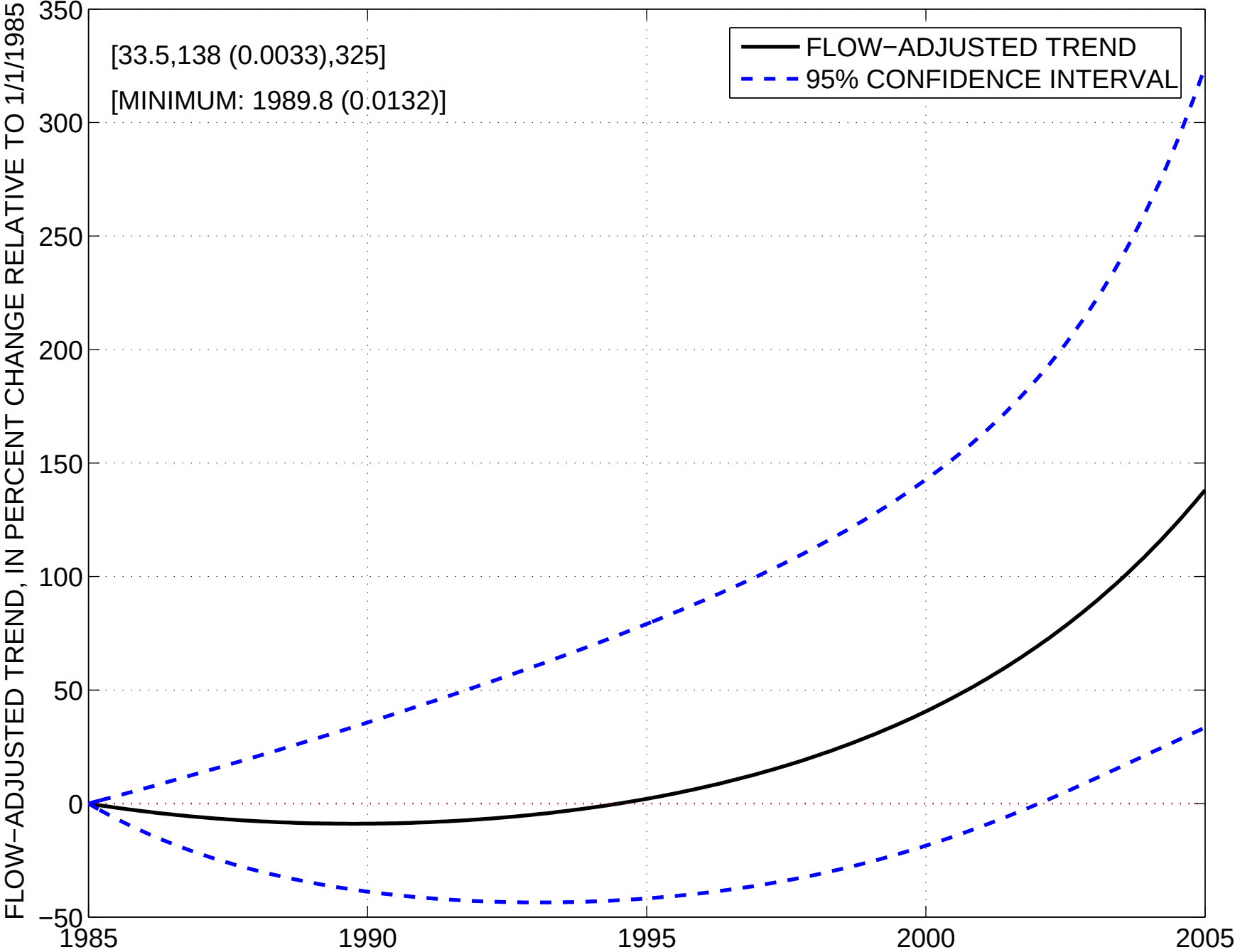




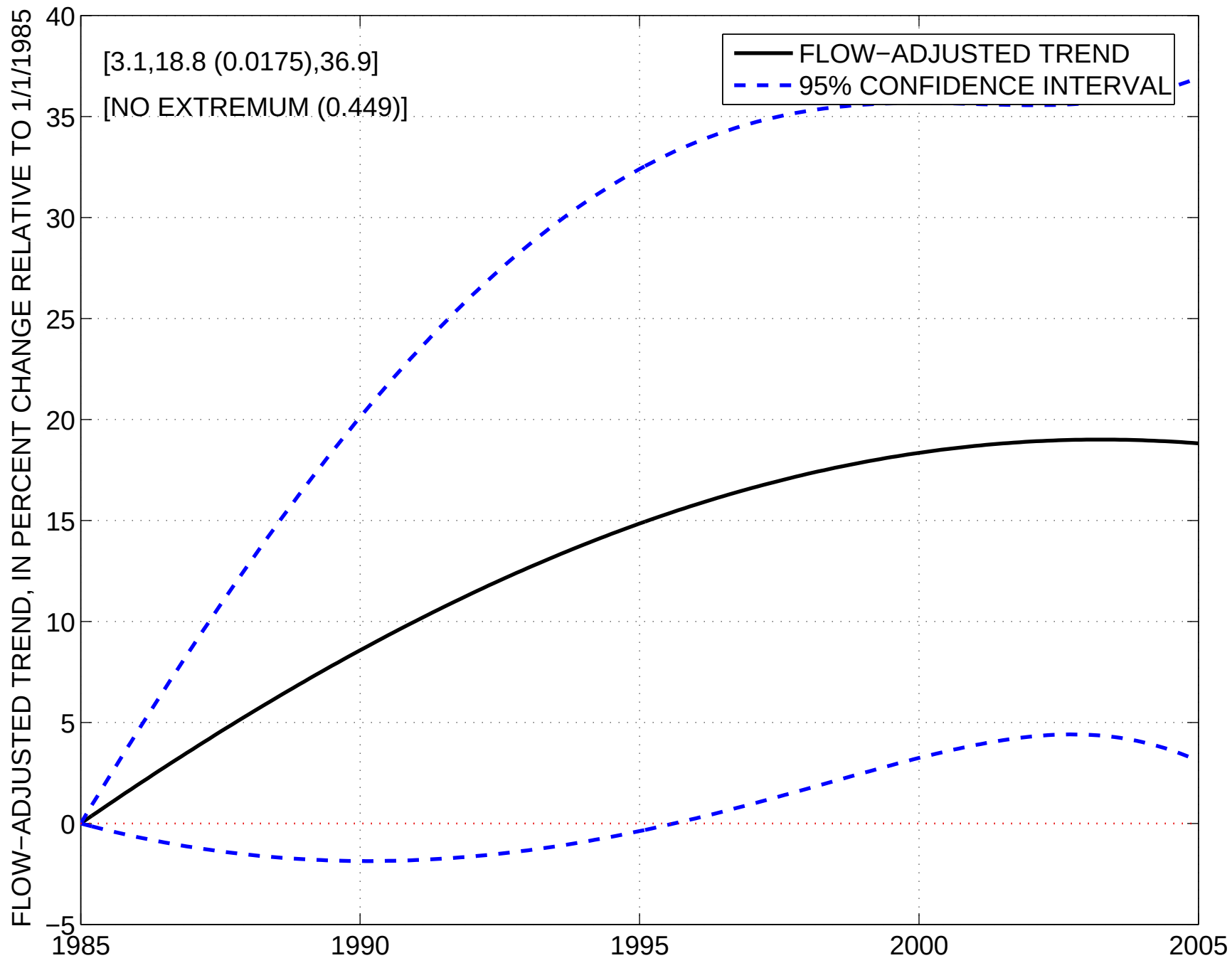
01668000: RAPPAHANNOCK RIVER NEAR FREDERICKSBURG, VA: 00665: TOTAL PHOSPHORUS



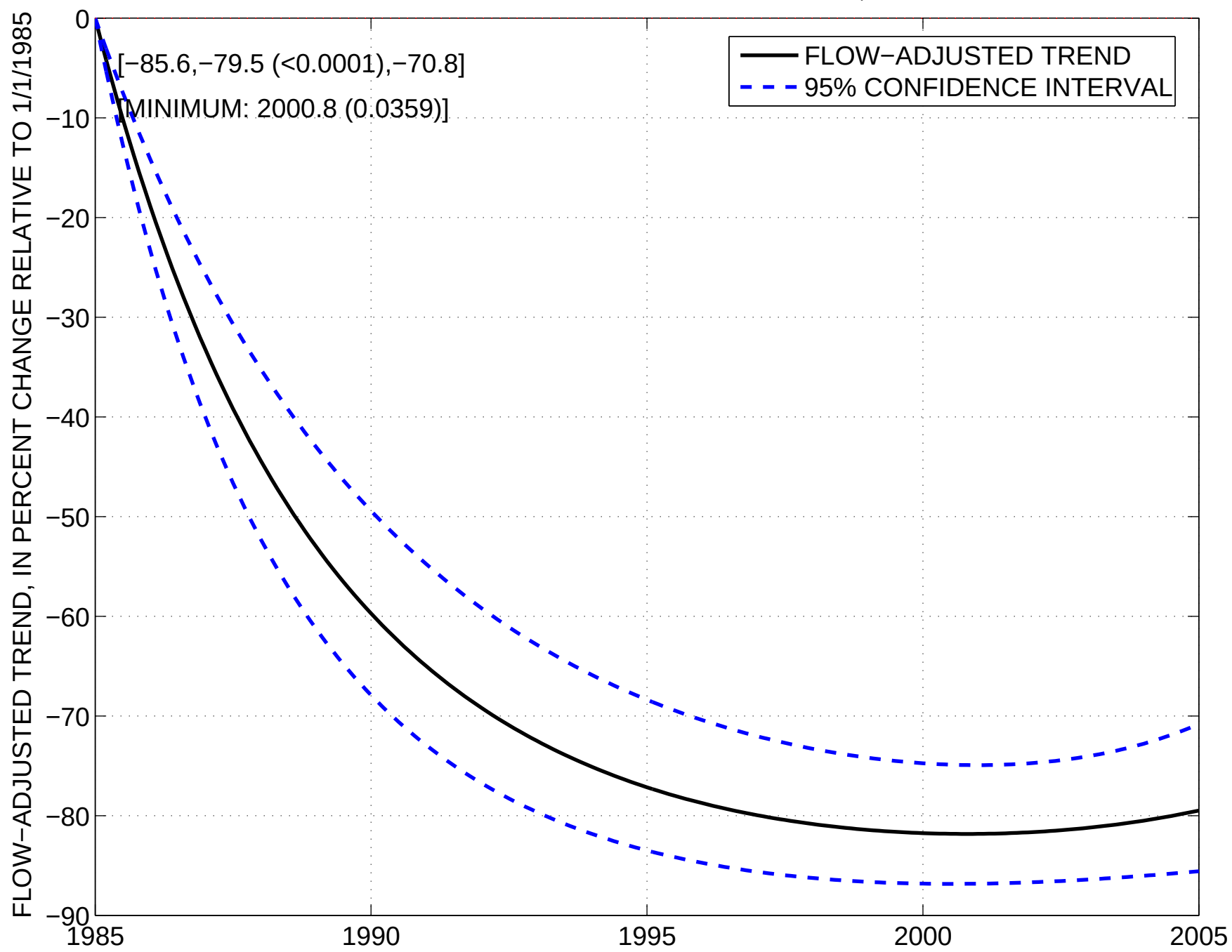




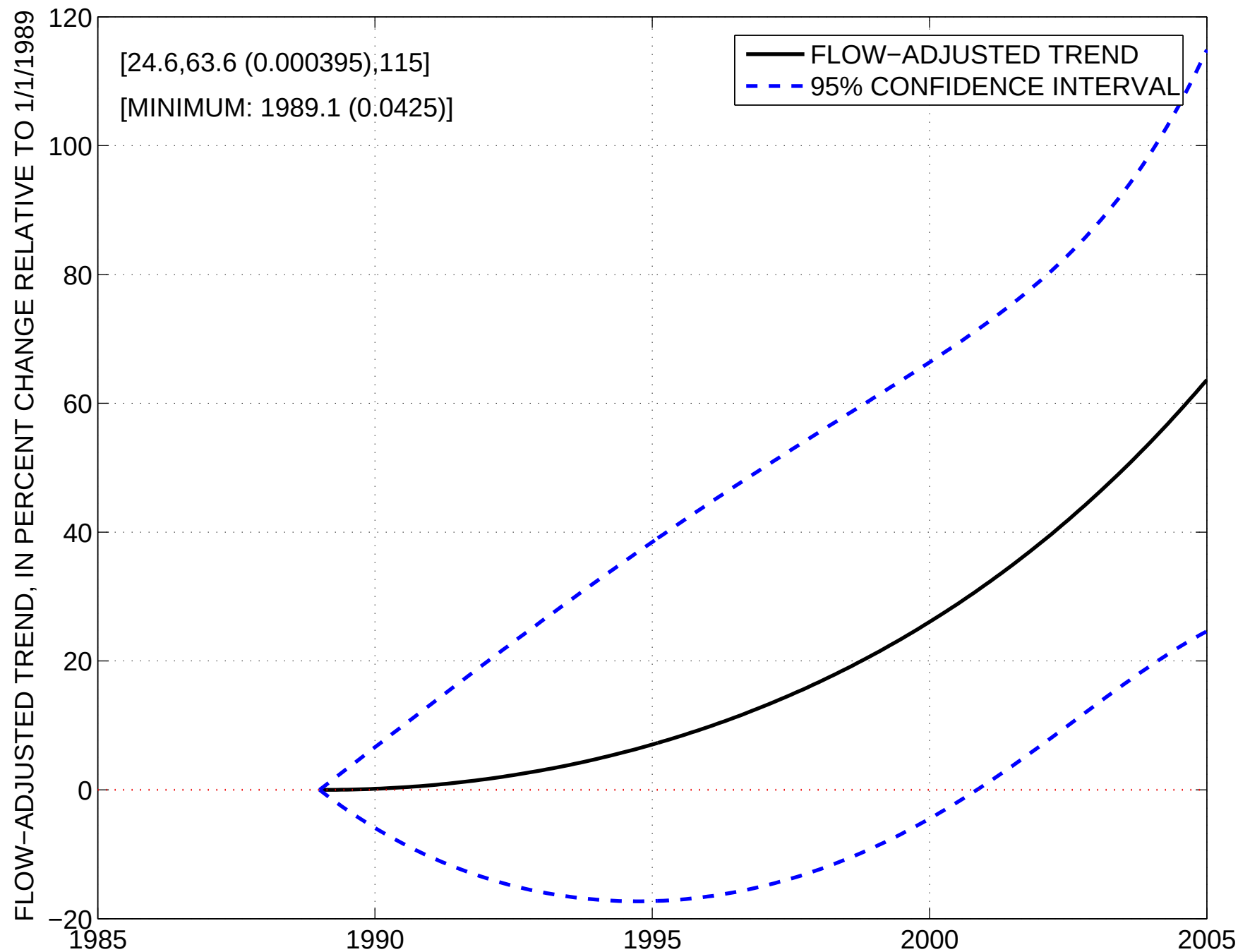
01671020: NORTH ANNA RIVER AT HART CORNER NEAR DOSWELL, VA: 00600: TOTAL NITROGEN



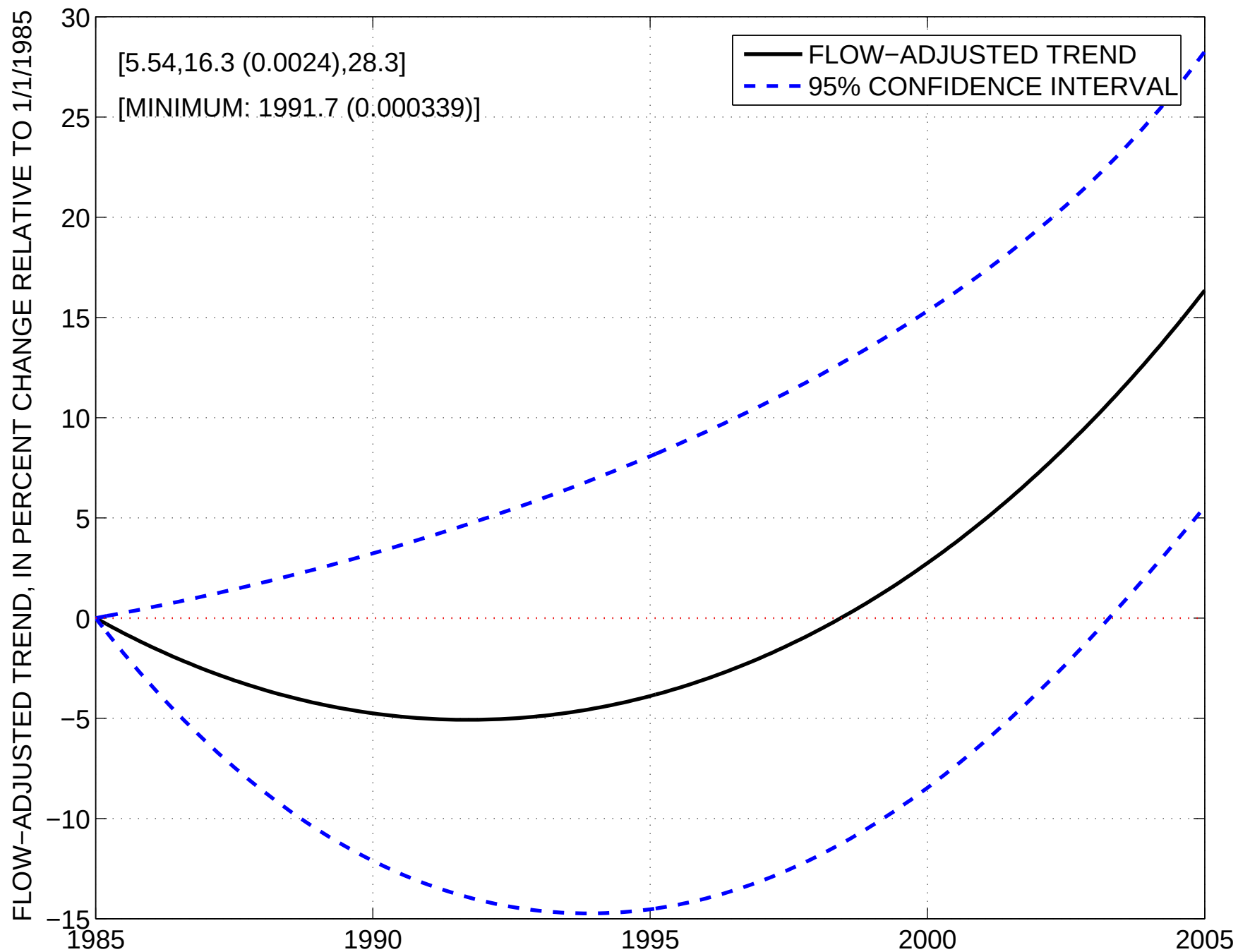
01671020: NORTH ANNA RIVER AT HART CORNER NEAR DOSWELL, VA: 00665: TOTAL PHOSPHORUS



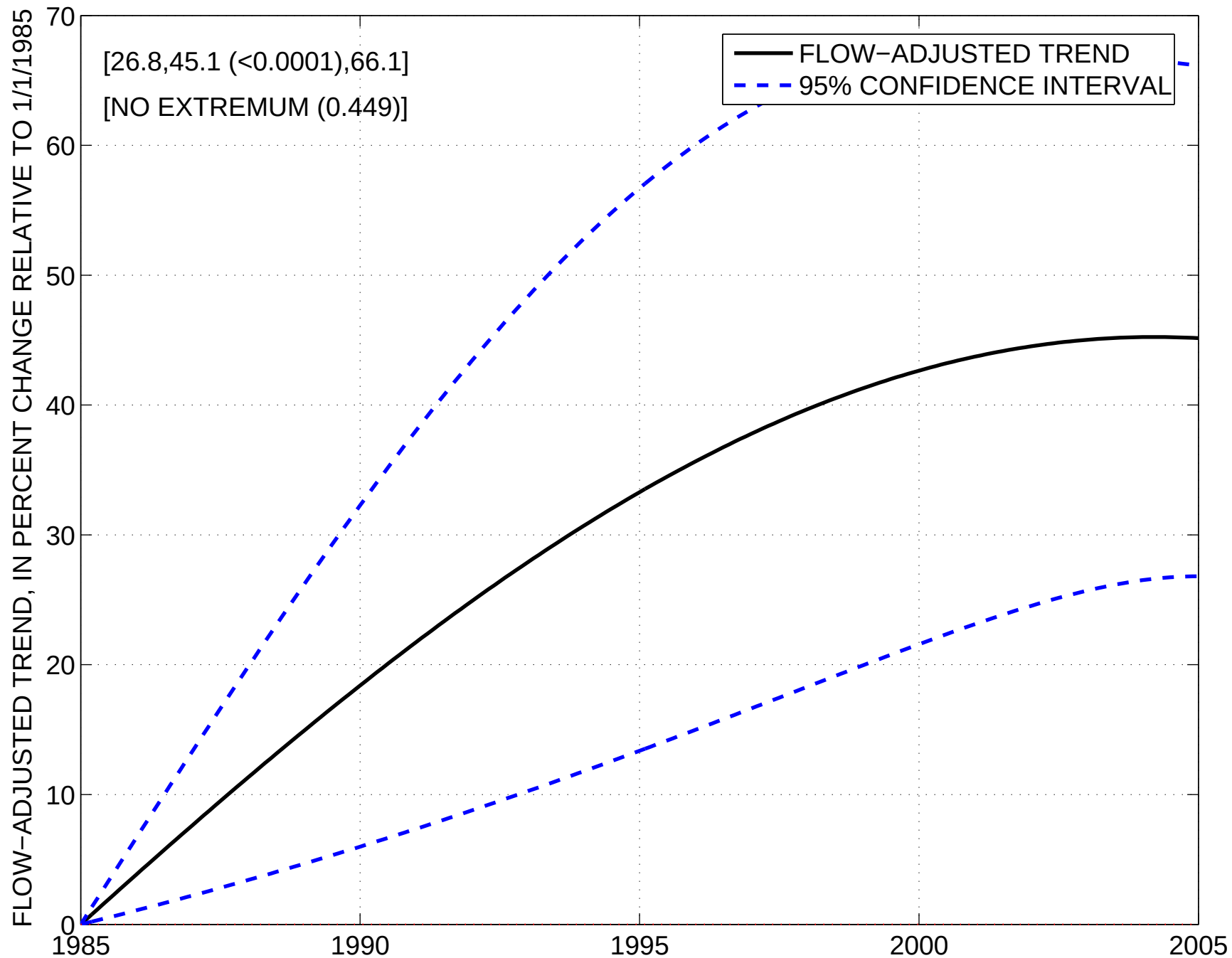
01673000: PAMUNKEY RIVER NEAR HANOVER, VA: 00530: SEDIMENT



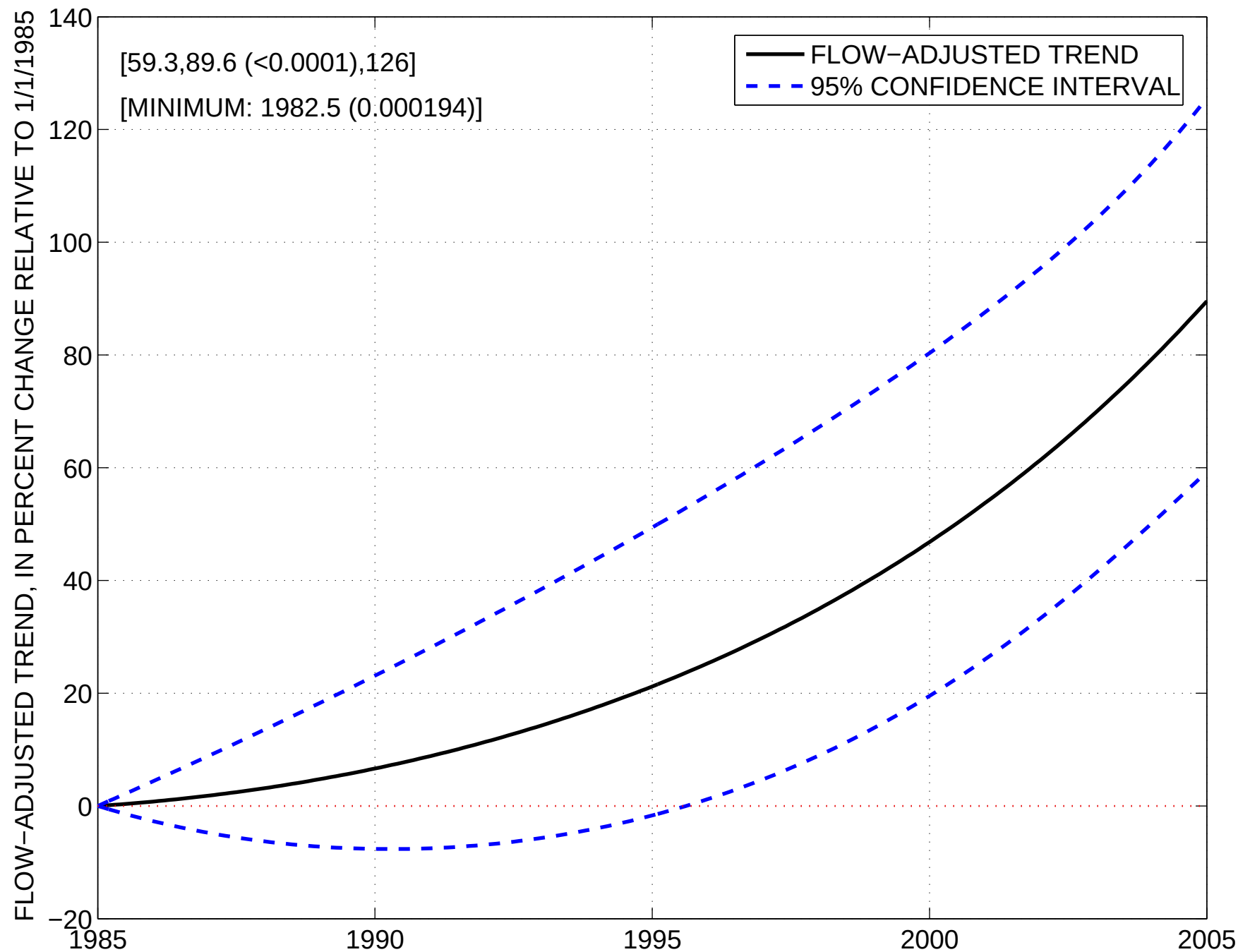
01673000: PAMUNKEY RIVER NEAR HANOVER, VA: 00600: TOTAL NITROGEN



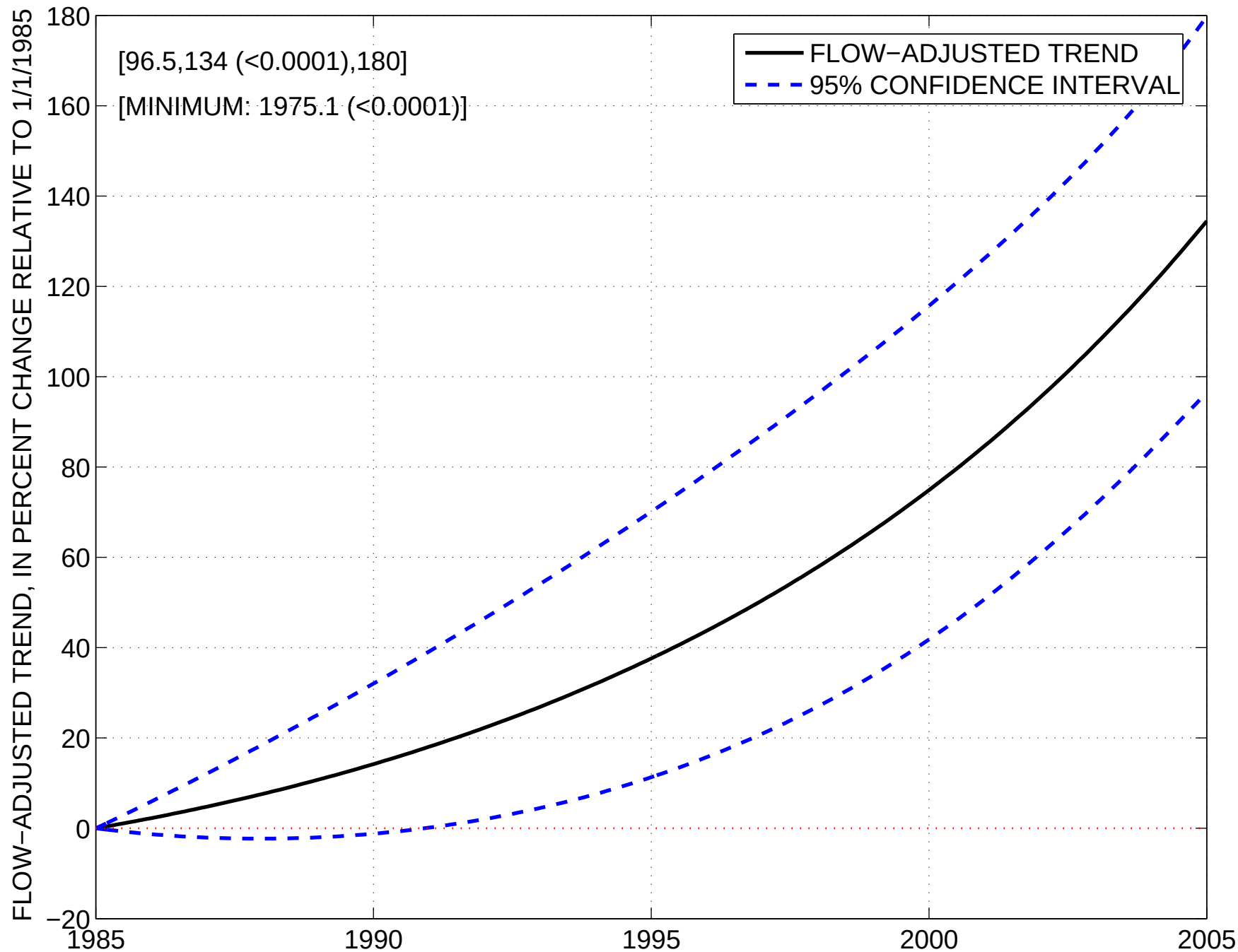
01673000: PAMUNKEY RIVER NEAR HANOVER, VA: 00631: DISSOLVED NITRITE PLUS NITRATE



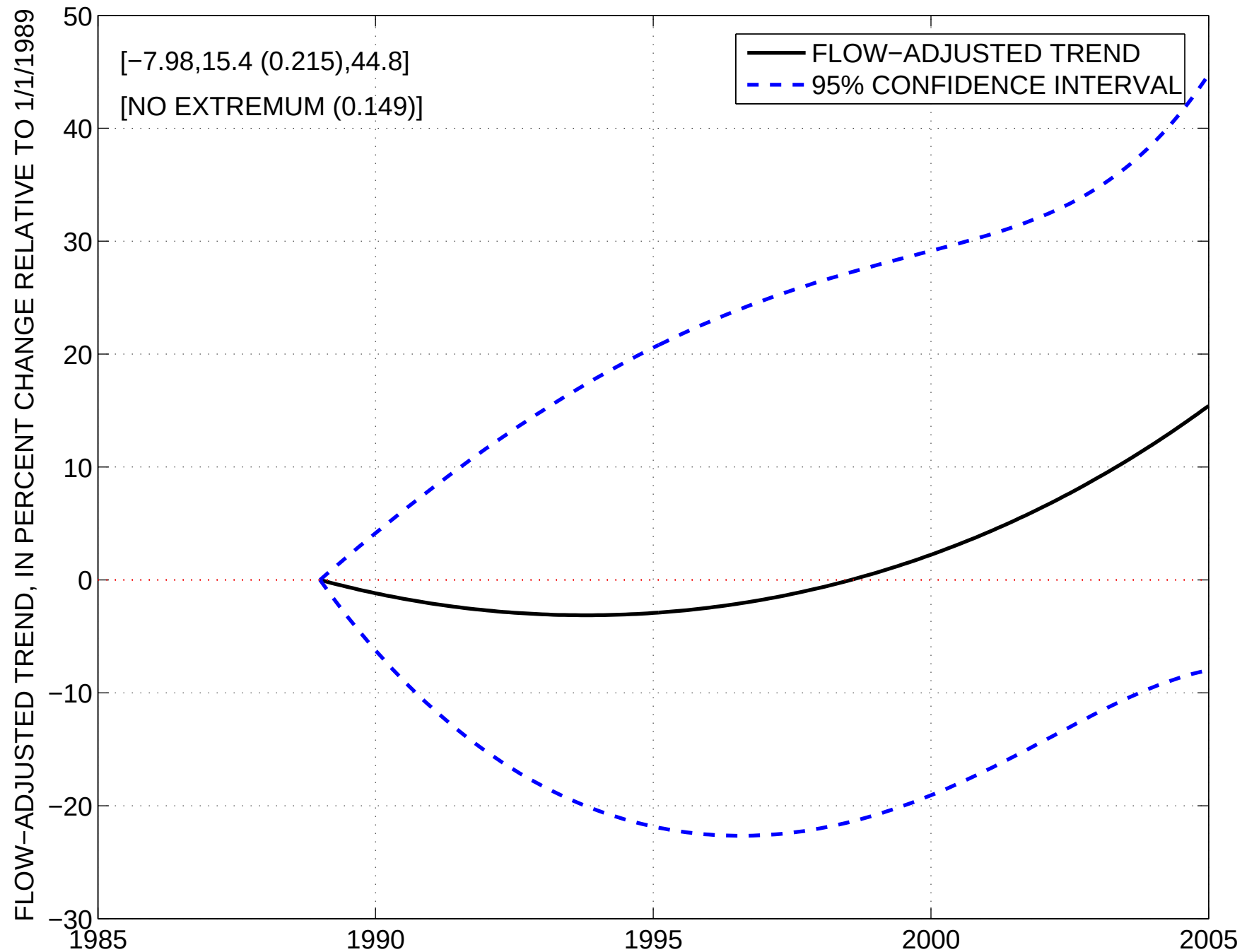
01673000: PAMUNKEY RIVER NEAR HANOVER, VA: 00665: TOTAL PHOSPHORUS



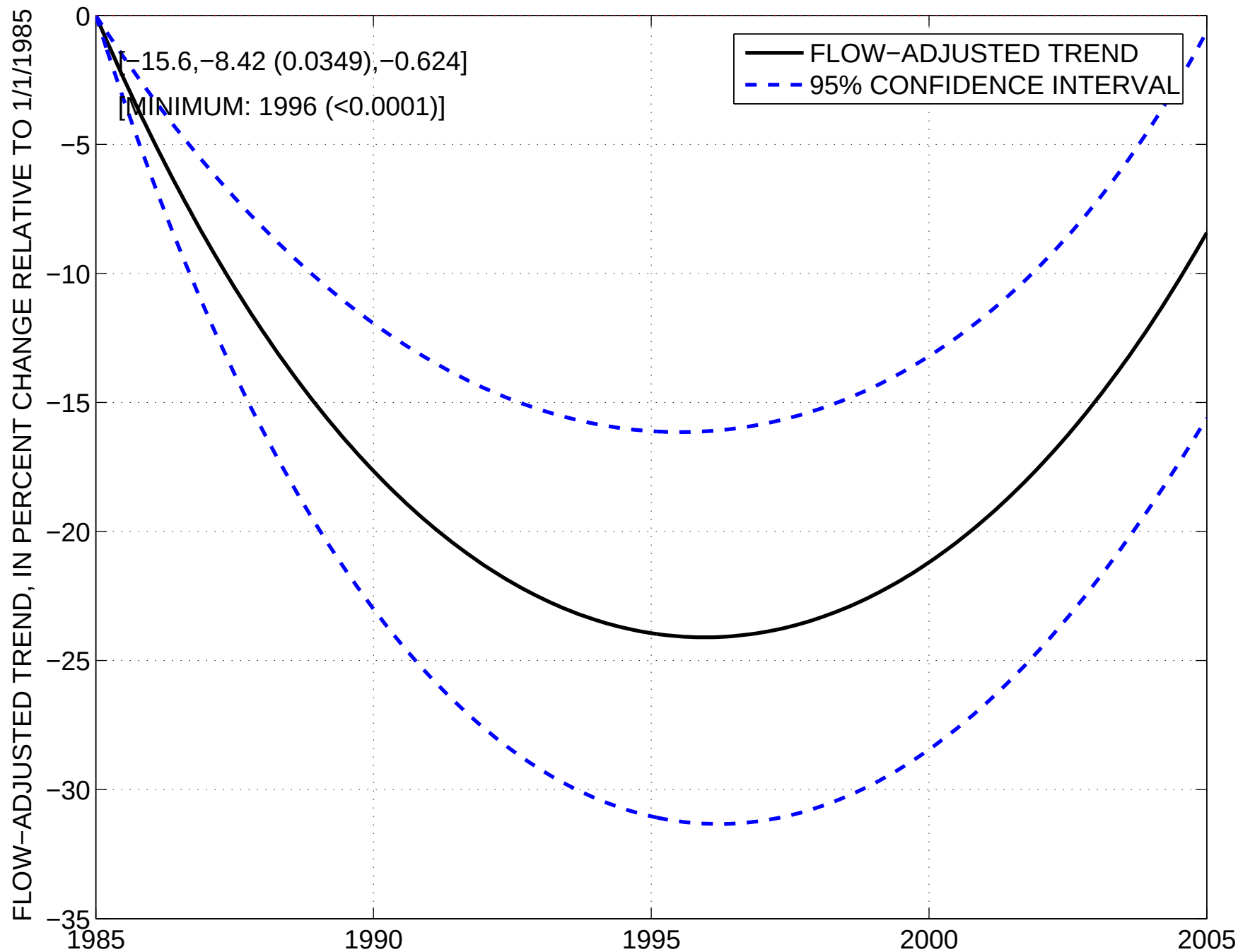
01673000: PAMUNKEY RIVER NEAR HANOVER, VA: 00671: DISSOLVED INORGANIC PHOSPHORUS



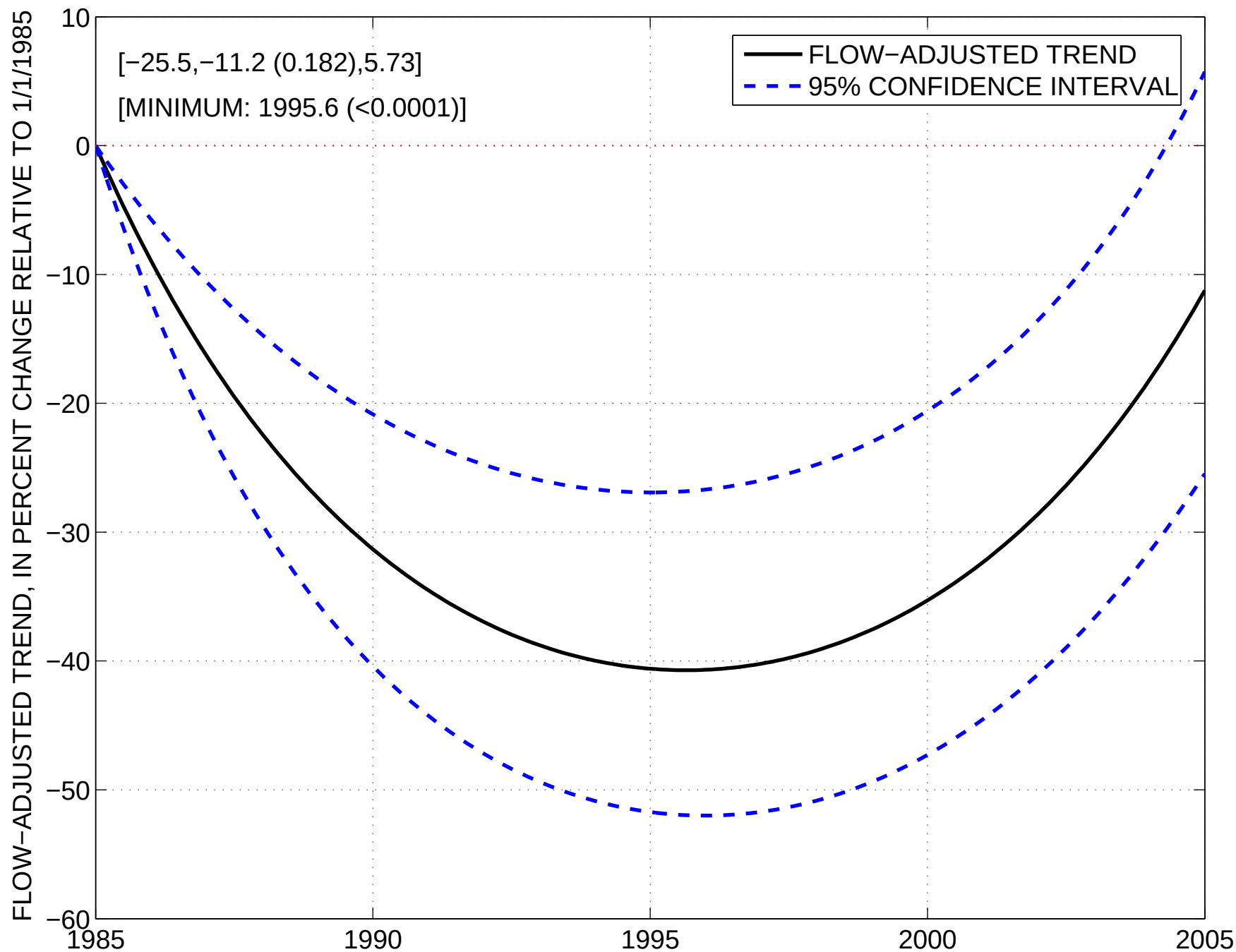
01674500: MATTAPONI RIVER NEAR BEULAHVILLE, VA: 00530: SEDIMENT



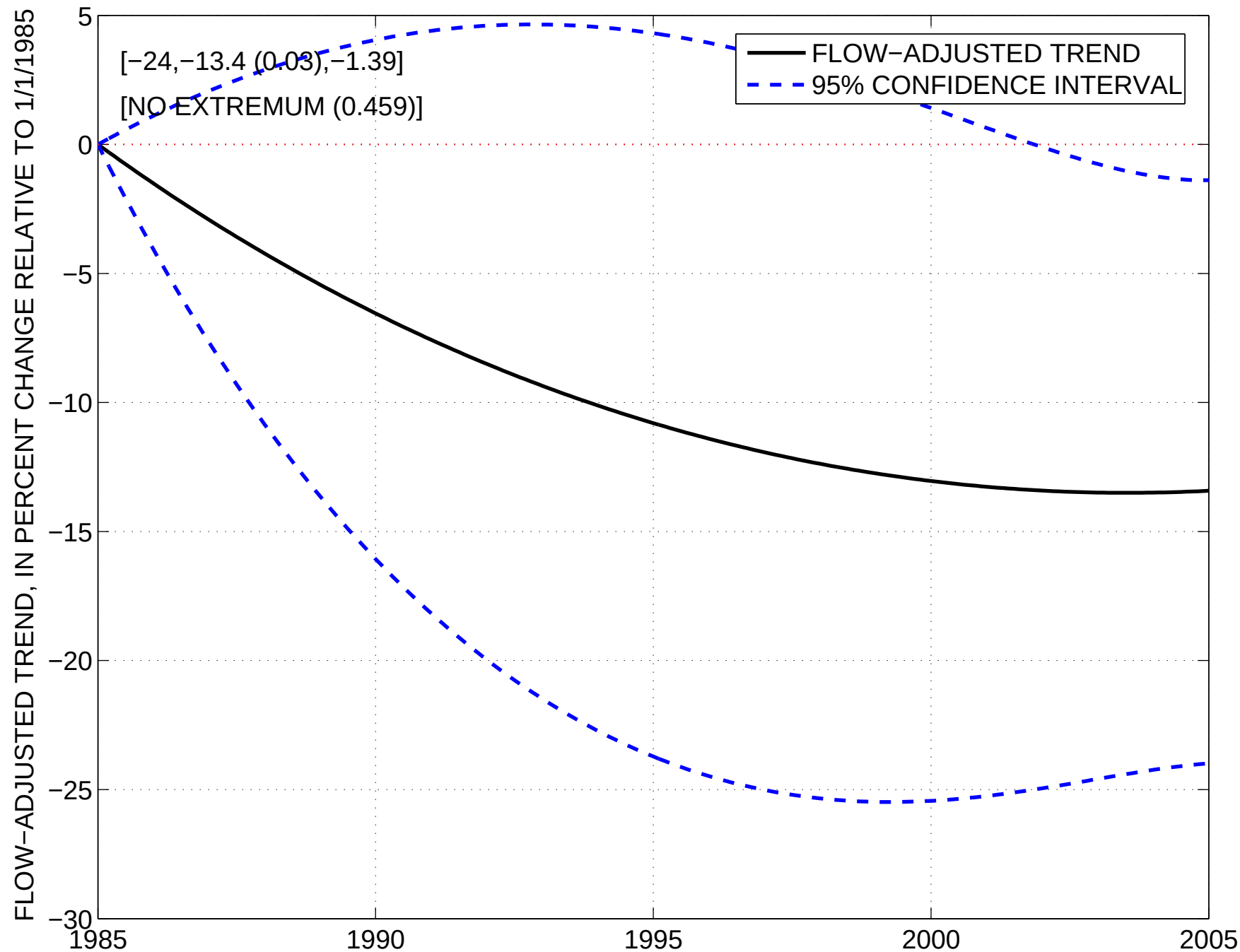
01674500: MATTAPONI RIVER NEAR BEULAHVILLE, VA: 00600: TOTAL NITROGEN



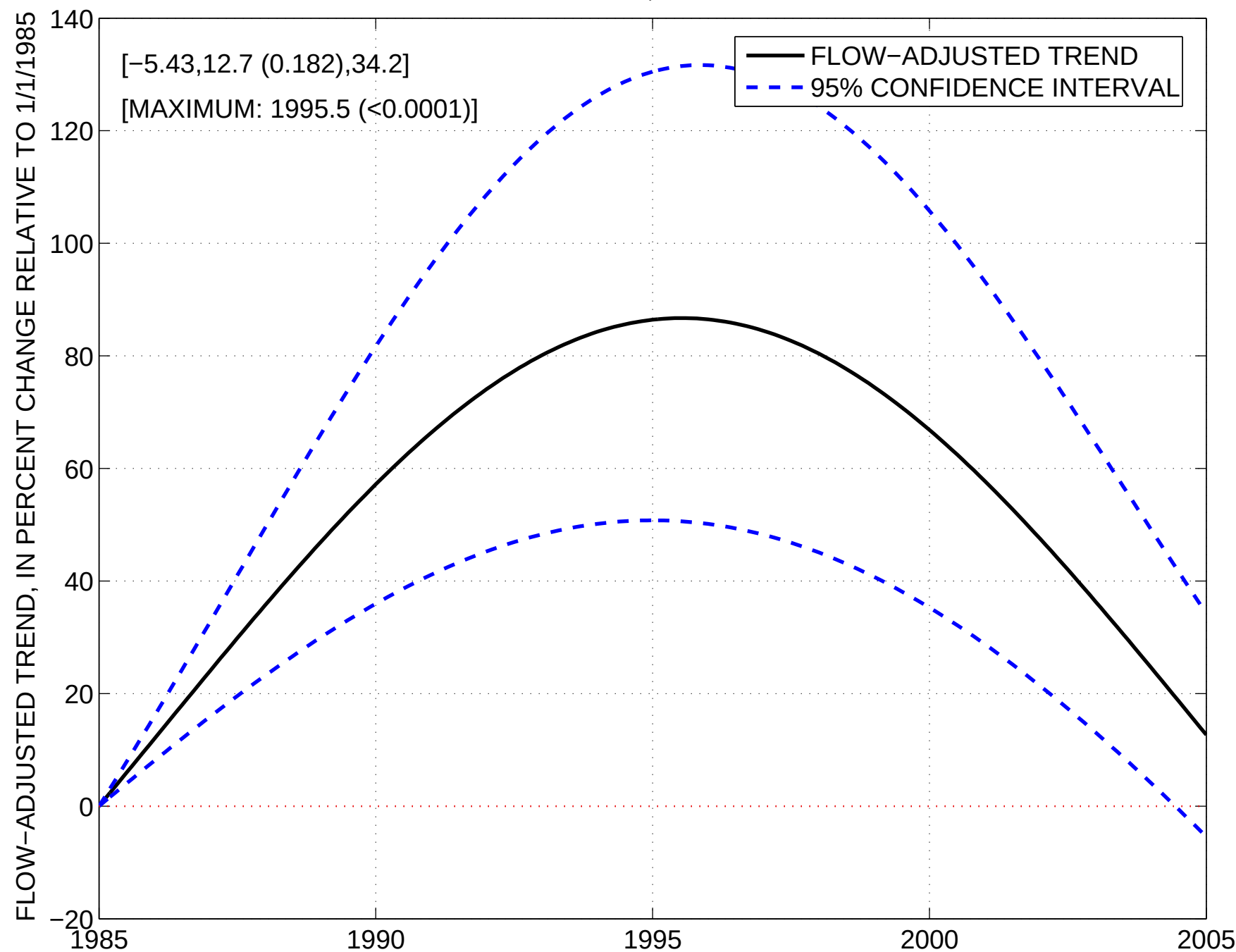
01674500: MATTAPONI RIVER NEAR BEULAHVILLE, VA: 00631: DISSOLVED NITRITE PLUS NITRATE



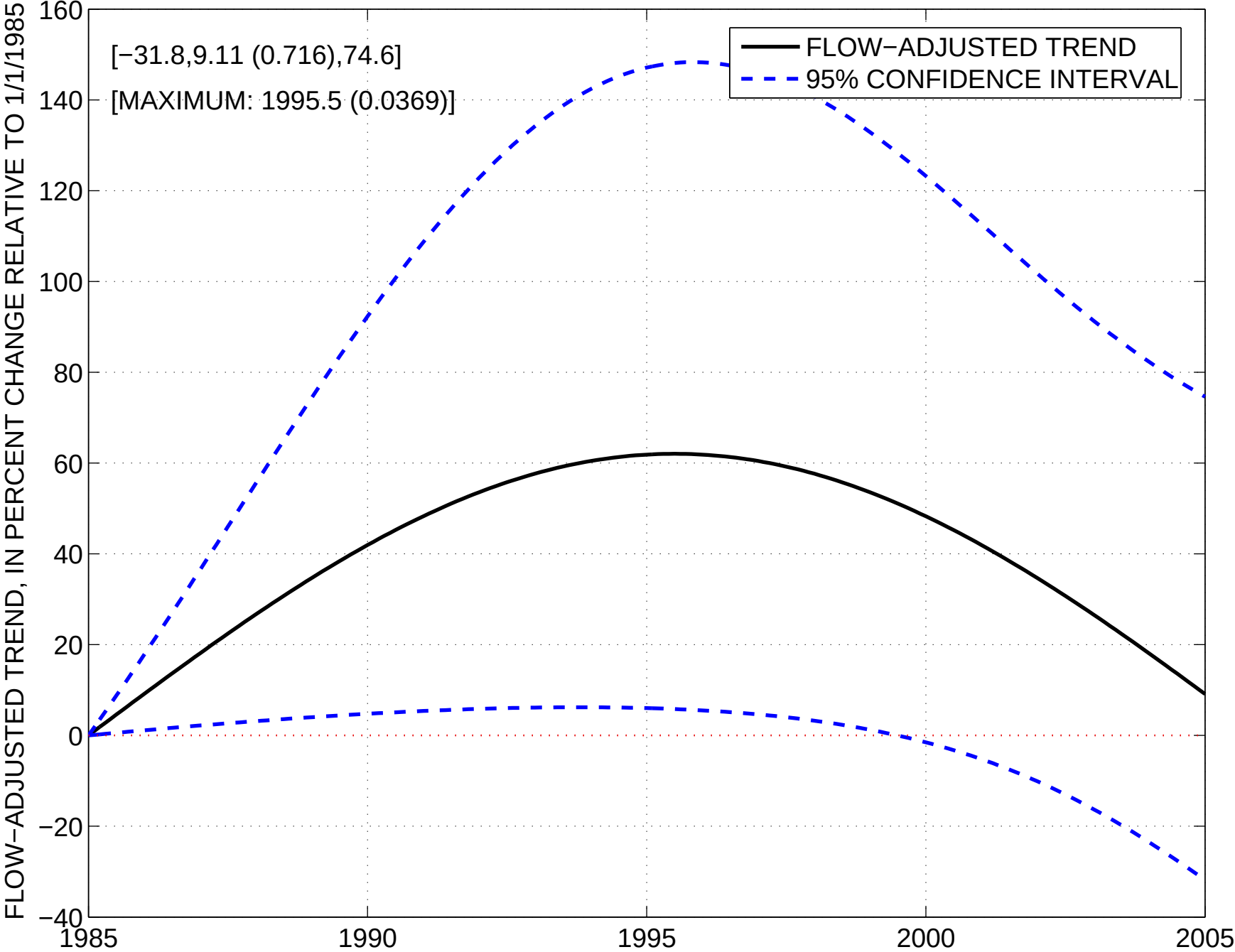
01674500: MATTAPONI RIVER NEAR BEULAHVILLE, VA: 00665: TOTAL PHOSPHORUS



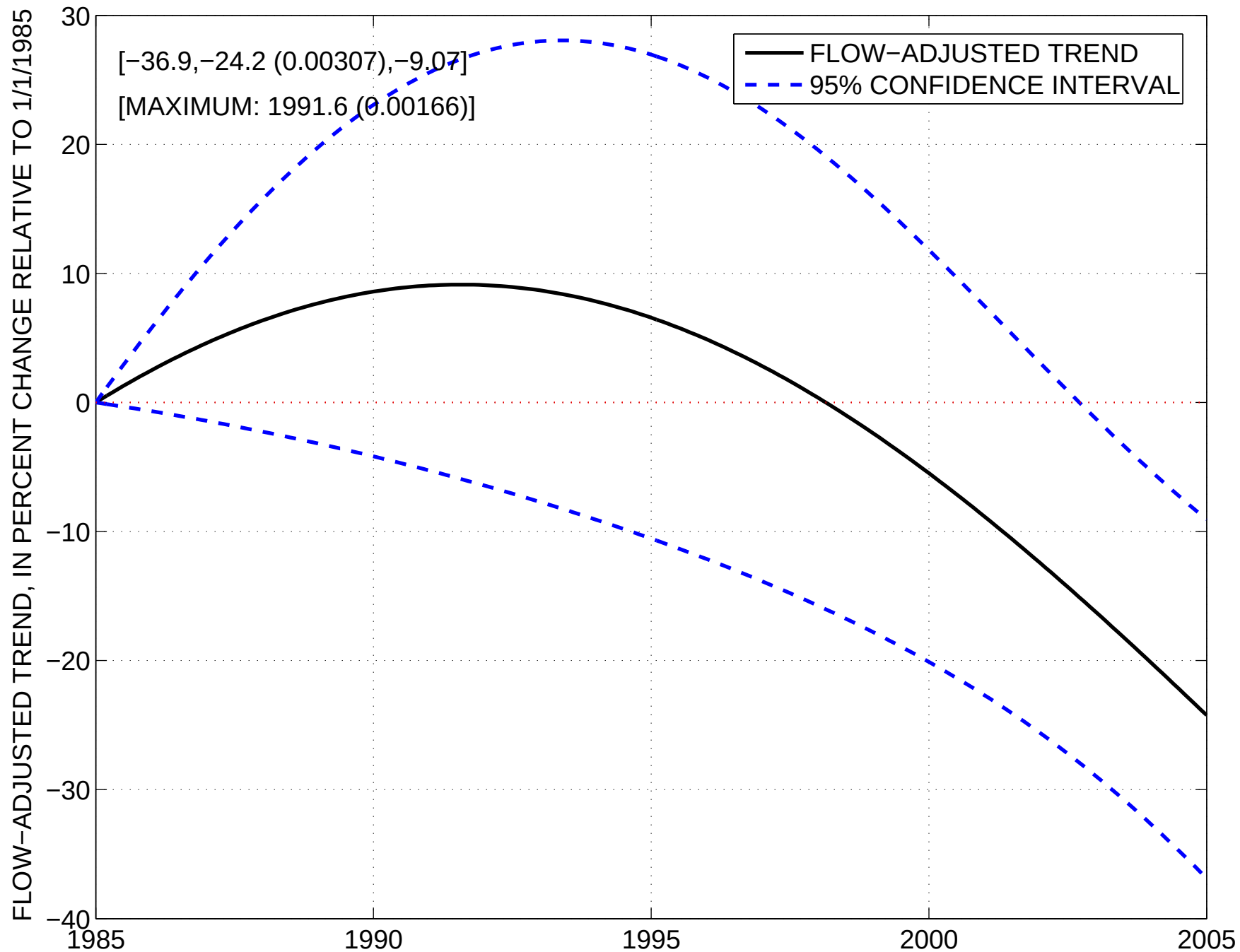
01674500: MATTAPONI RIVER NEAR BEULAHVILLE, VA: 00671: DISSOLVED INORGANIC PHOSPHORUS



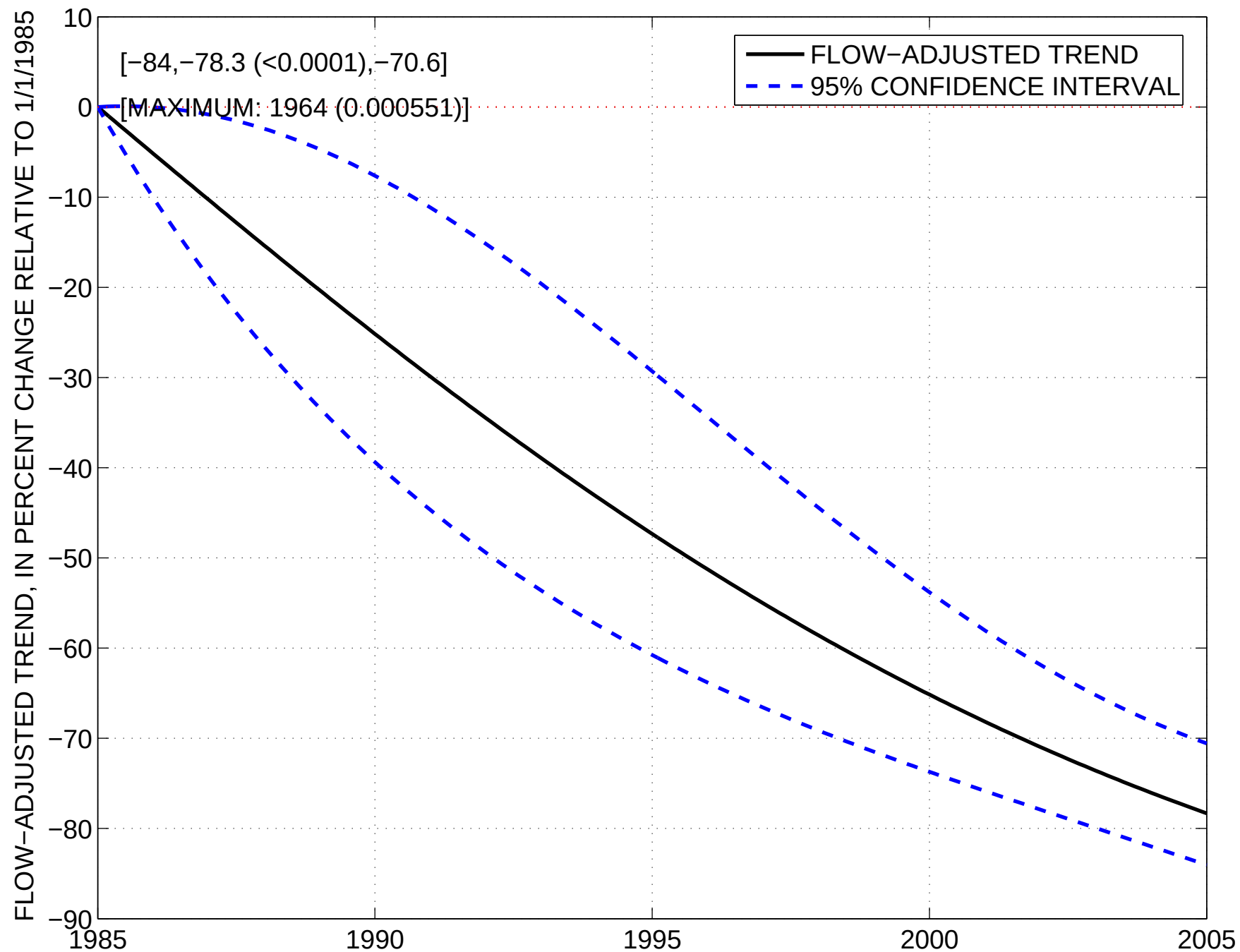
02026000: JAMES RIVER AT BENT CREEK, VA: 00530: SEDIMENT



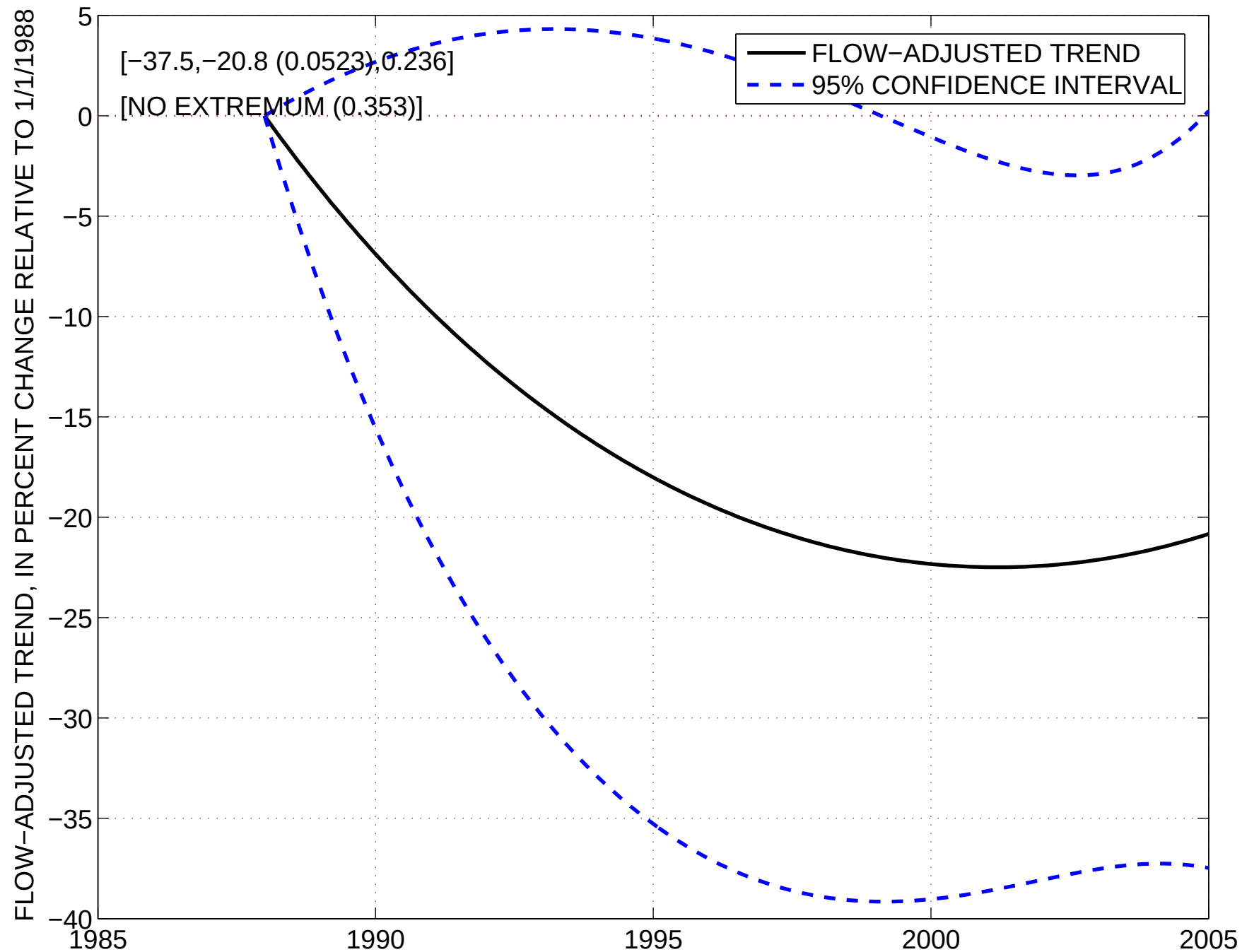
02026000: JAMES RIVER AT BENT CREEK, VA: 00600: TOTAL NITROGEN



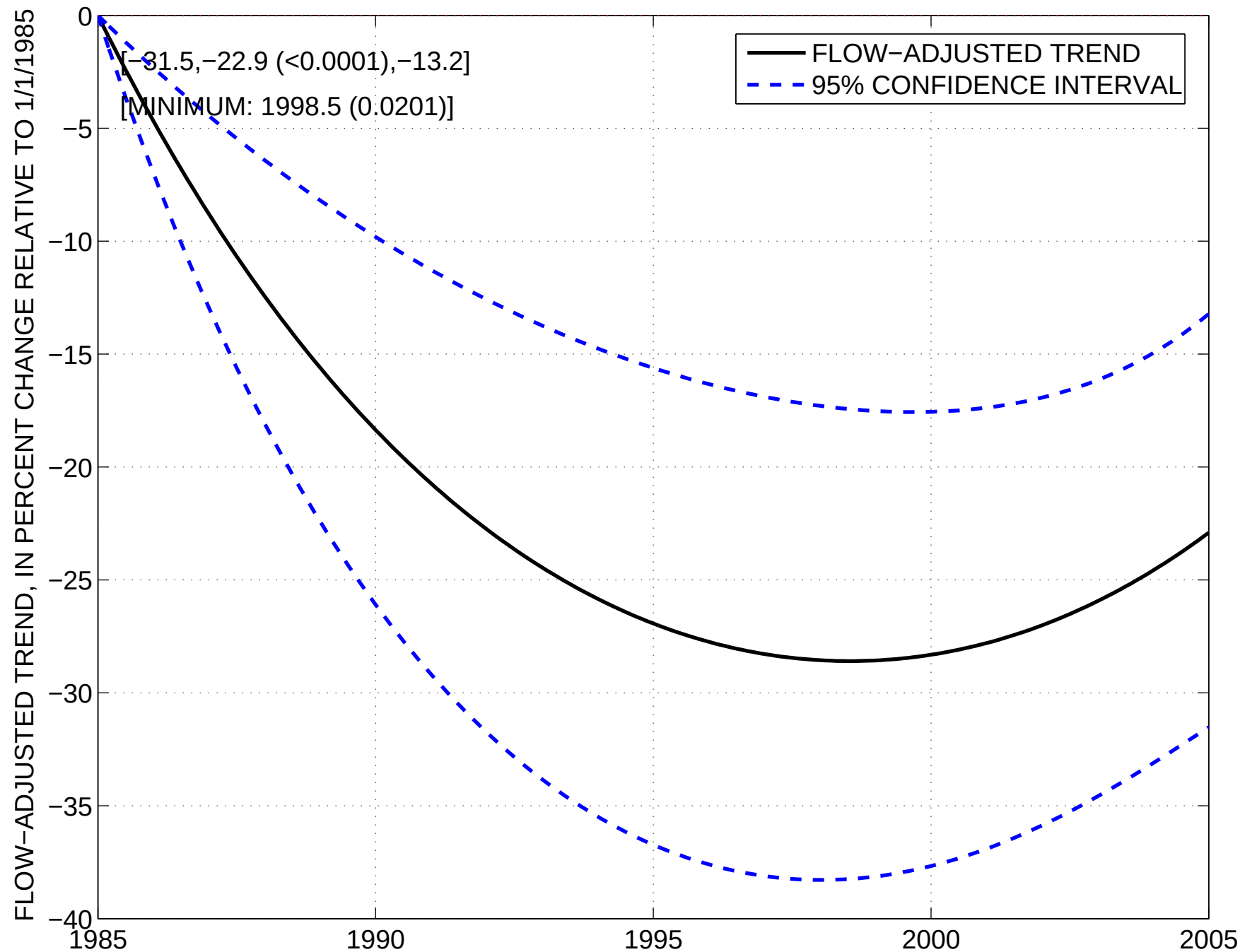
02026000: JAMES RIVER AT BENT CREEK, VA: 00665: TOTAL PHOSPHORUS



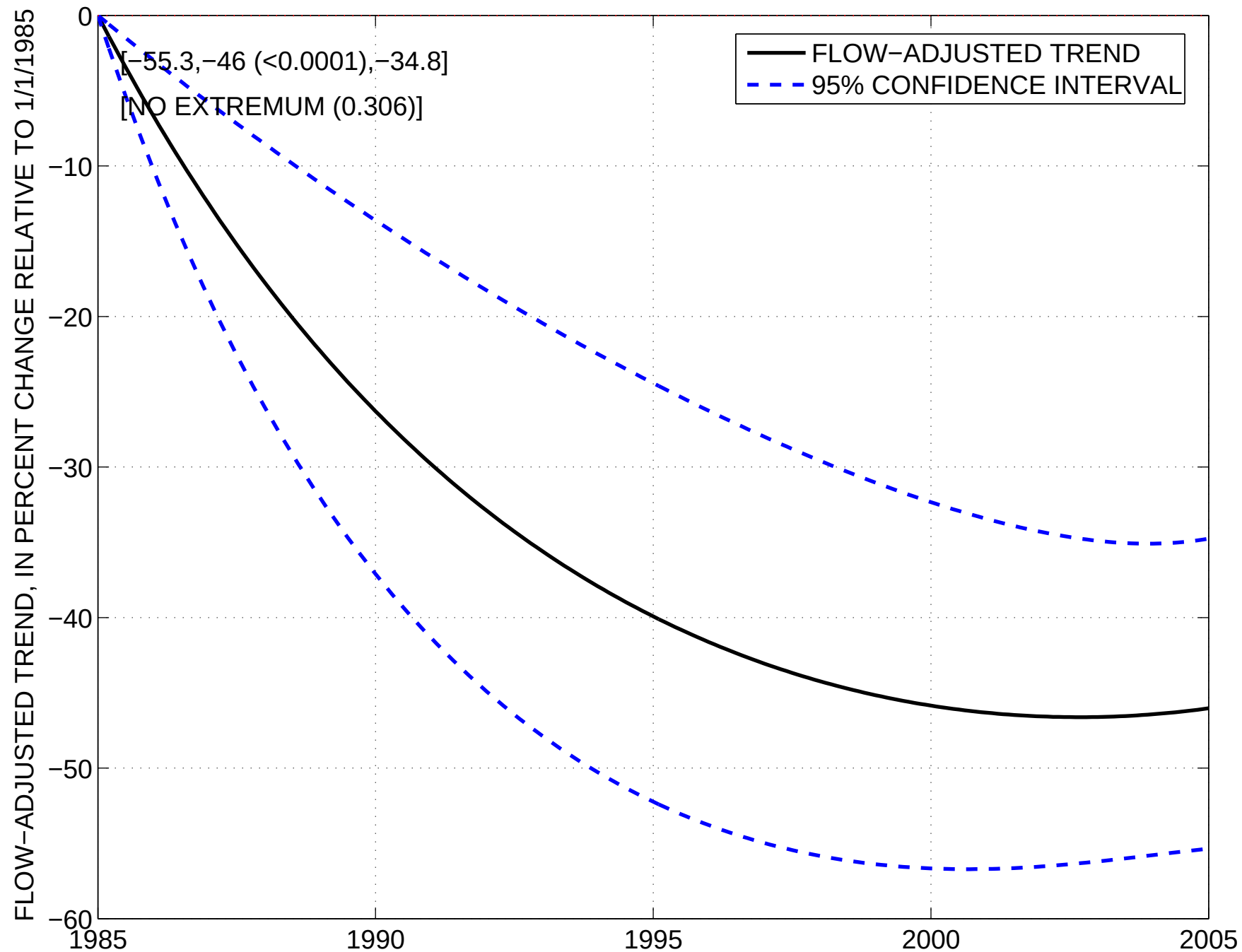
02035000: JAMES RIVER AT CARTERSVILLE, VA: 00530: SEDIMENT



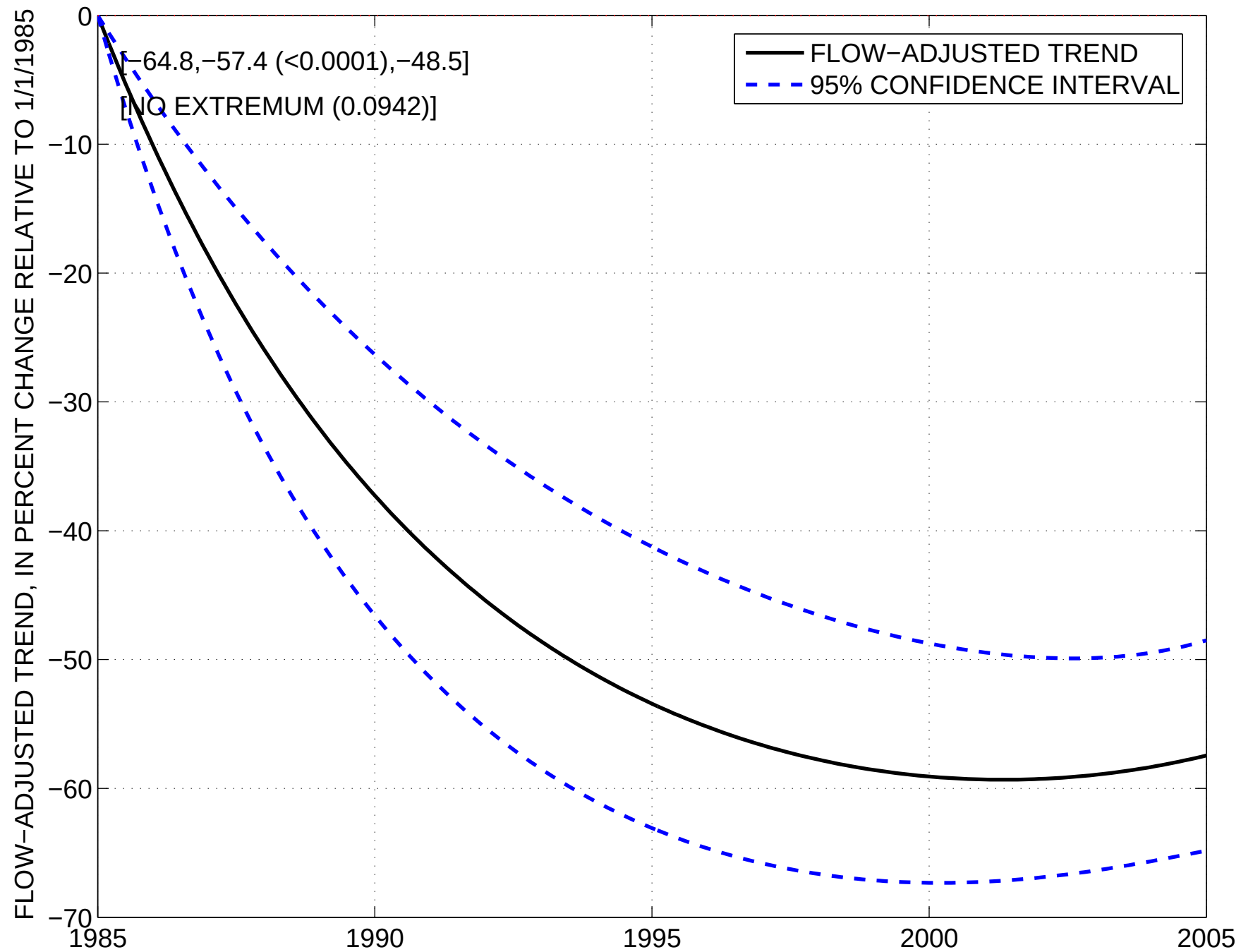
02035000: JAMES RIVER AT CARTERSVILLE, VA: 00600: TOTAL NITROGEN



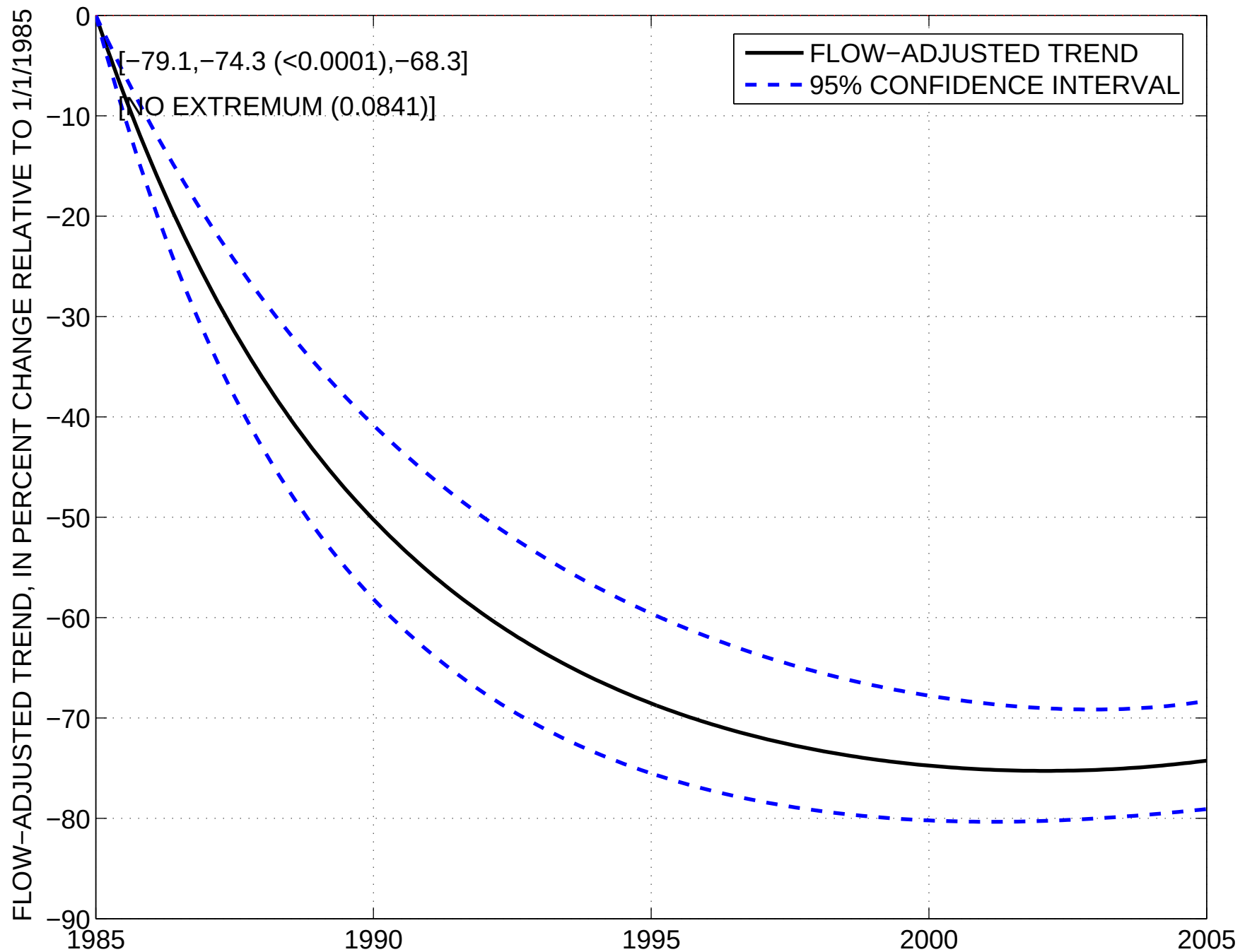
02035000: JAMES RIVER AT CARTERSVILLE, VA: 00631: DISSOLVED NITRITE PLUS NITRATE



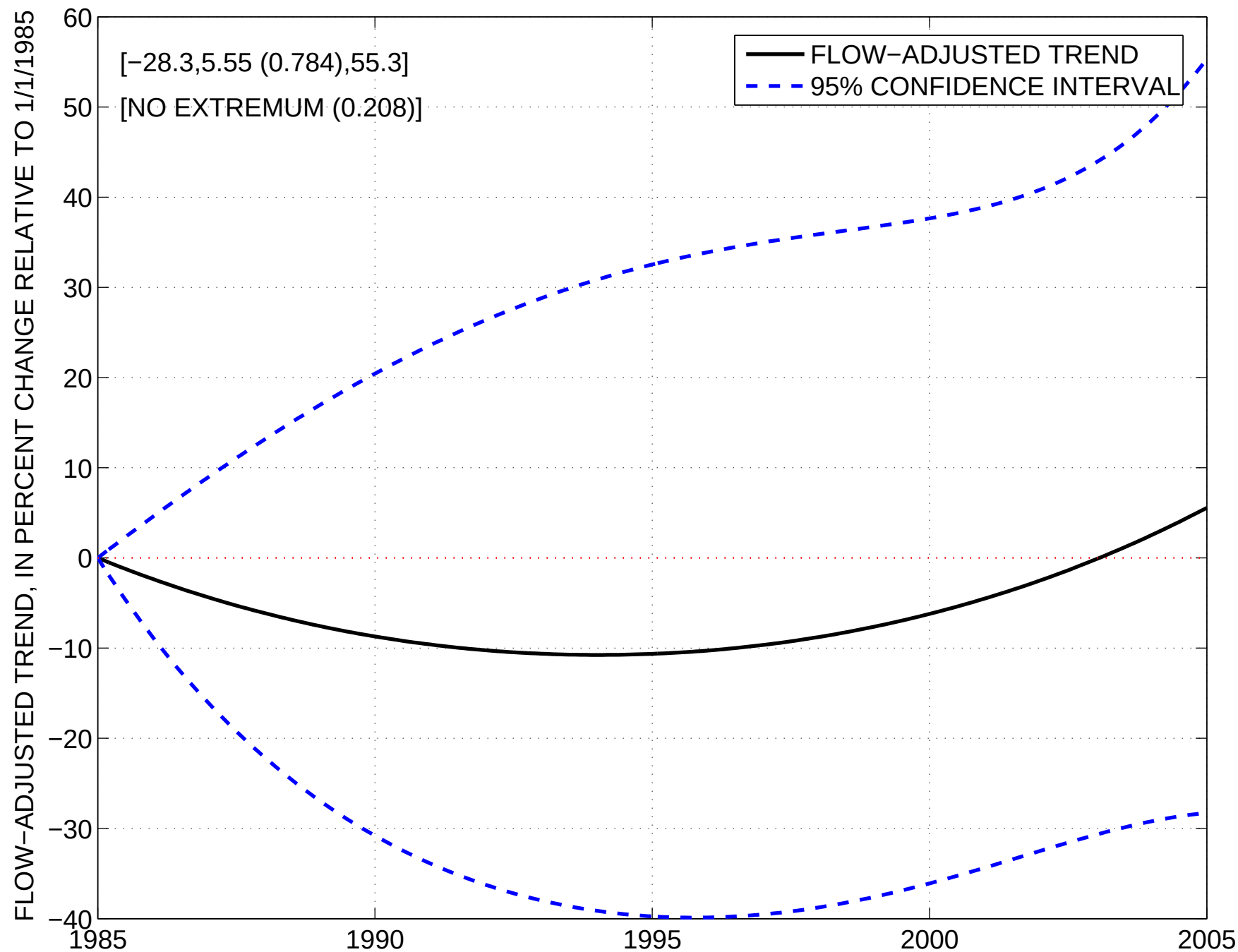
02035000: JAMES RIVER AT CARTERSVILLE, VA: 00665: TOTAL PHOSPHORUS



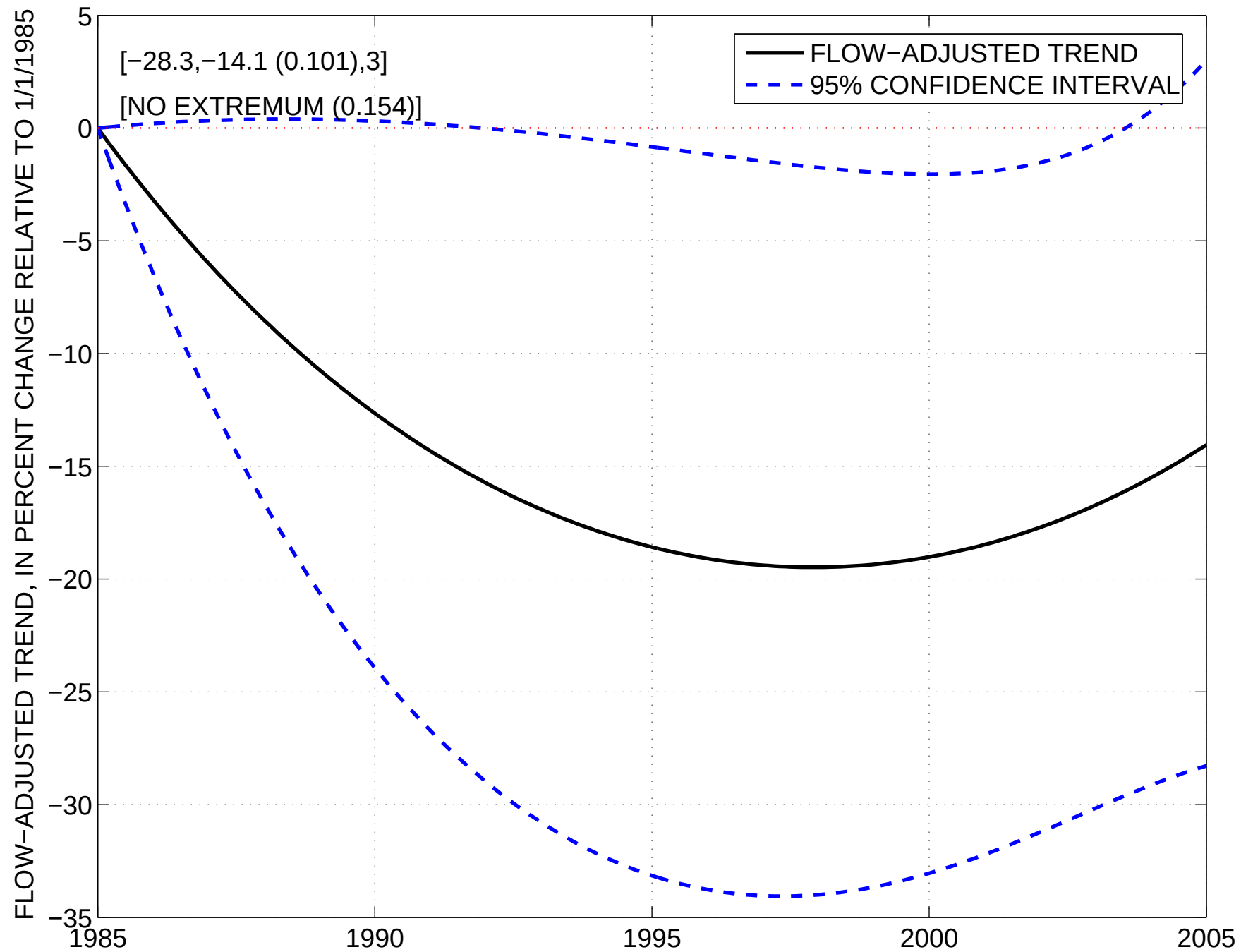
02035000: JAMES RIVER AT CARTERSVILLE, VA: 00671: DISSOLVED INORGANIC PHOSPHORUS



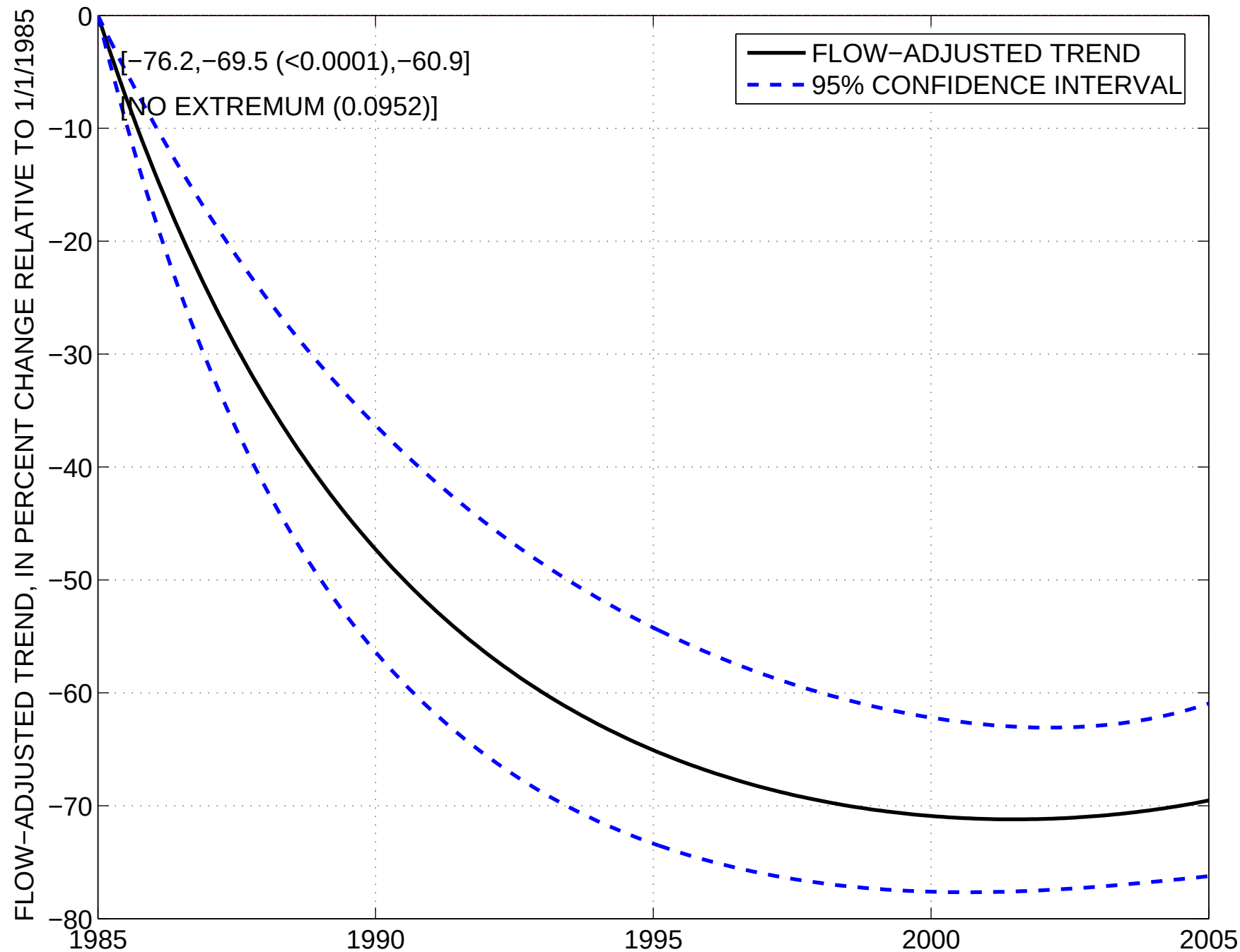
02037500: JAMES RIVER NEAR RICHMOND, VA: 00530: SEDIMENT



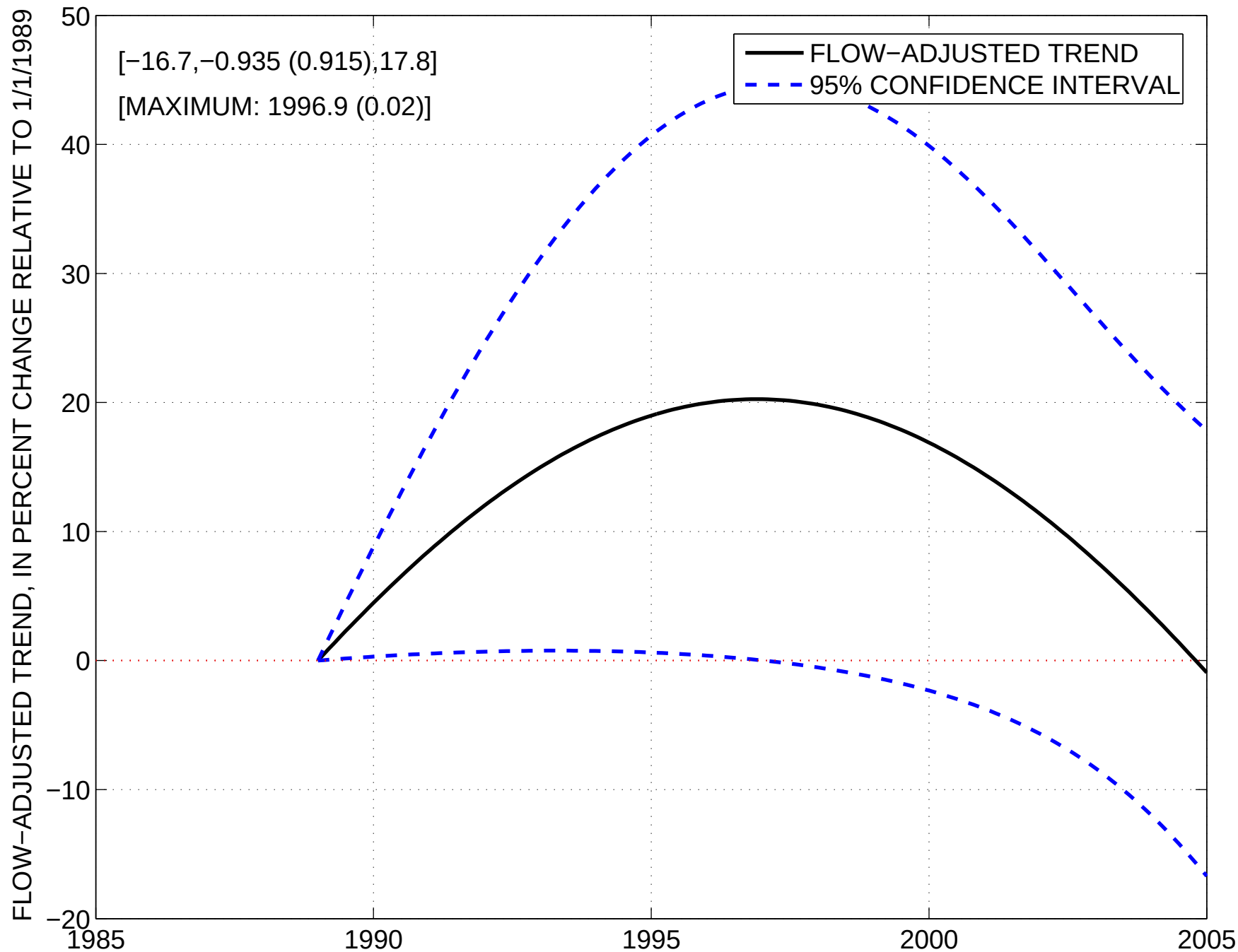
02037500: JAMES RIVER NEAR RICHMOND, VA: 00600: TOTAL NITROGEN



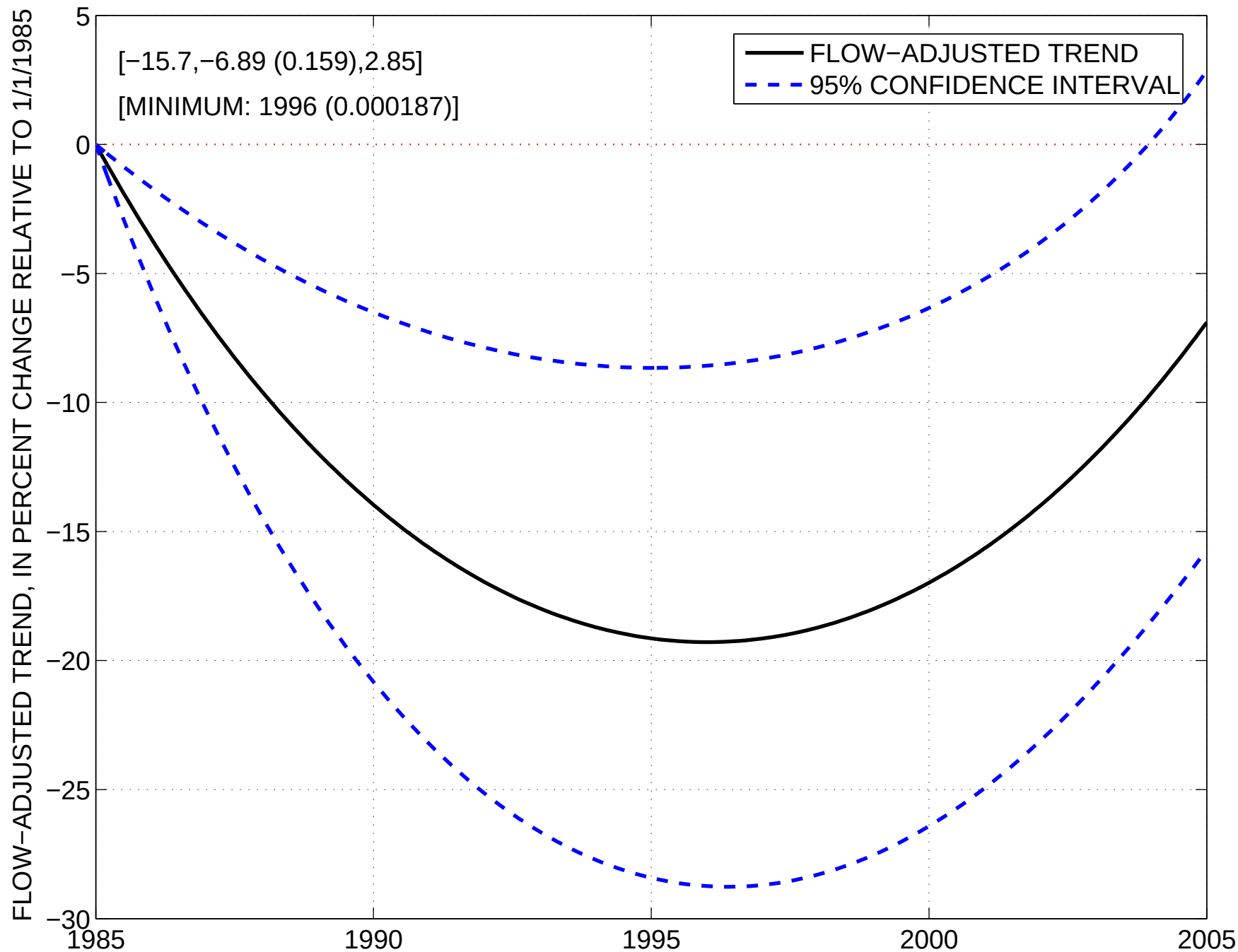
02037500: JAMES RIVER NEAR RICHMOND, VA: 00665: TOTAL PHOSPHORUS



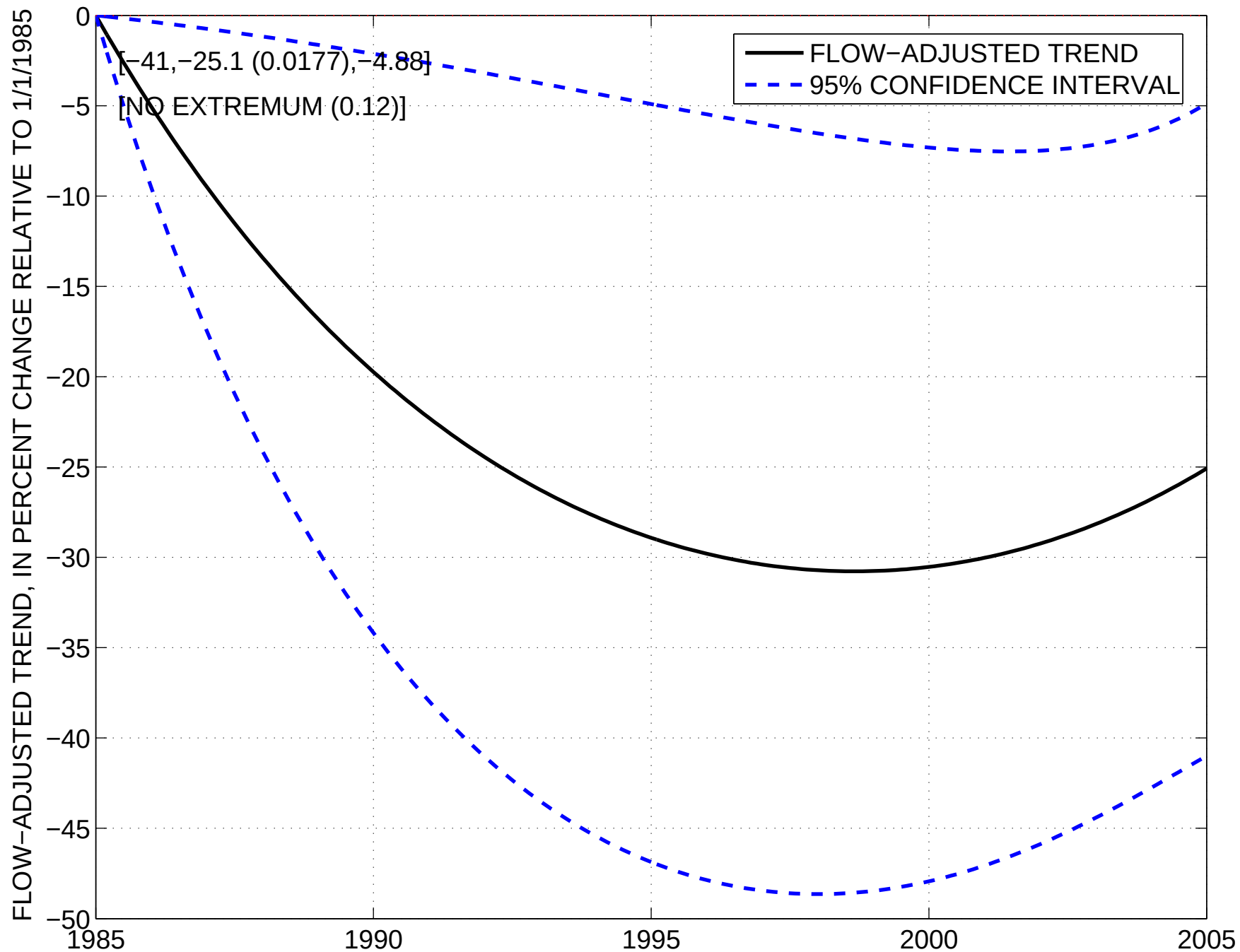
02041650: APPOMATTOX RIVER AT MATOACA, VA: 00530: SEDIMENT



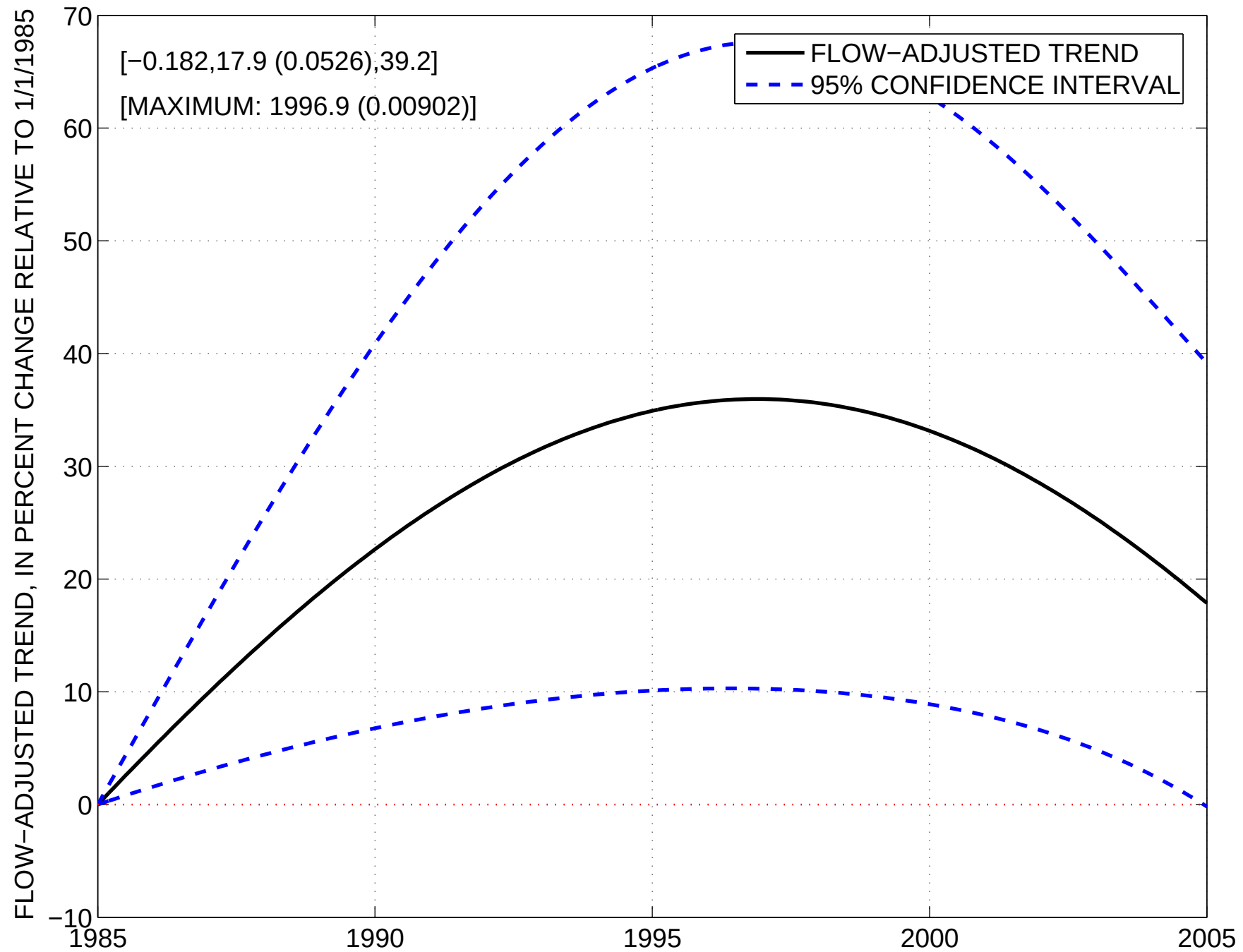
02041650: APPOMATTOX RIVER AT MATOACA, VA: 00600: TOTAL NITROGEN



02041650: APPOMATTOX RIVER AT MATOACA, VA: 00631: DISSOLVED NITRITE PLUS NITRATE



02041650: APPOMATTOX RIVER AT MATOACA, VA: 00665: TOTAL PHOSPHORUS



02041650: APPOMATTOX RIVER AT MATOACA, VA: 00671: DISSOLVED INORGANIC PHOSPHORUS

