

Figure A-1: Daily Observed and Simulated Flows, North Branch Patapsco River

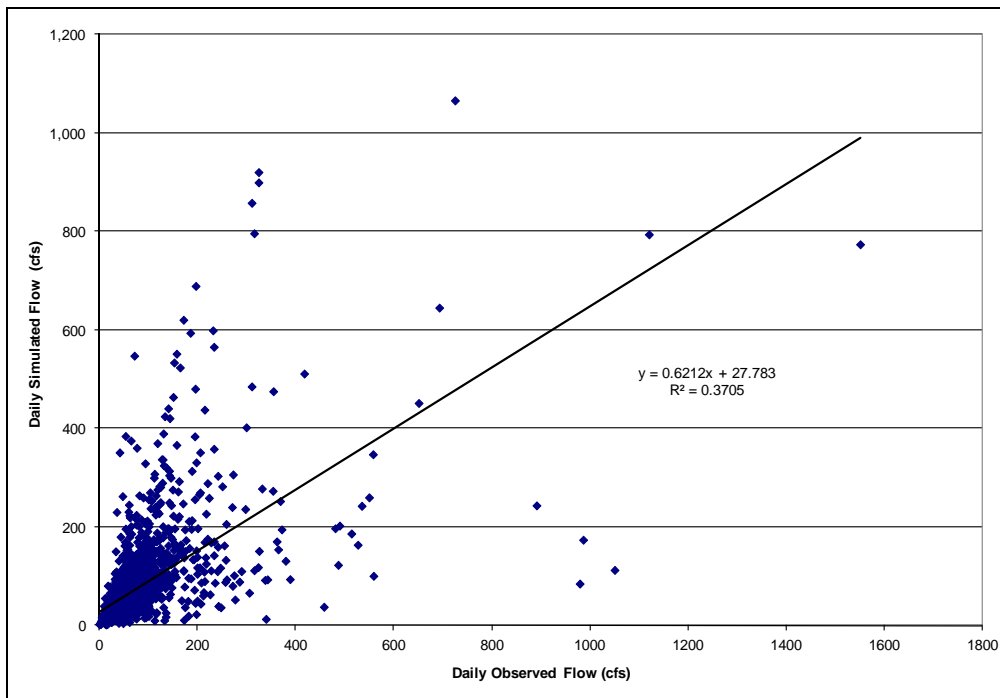


Figure A-2: Observed vs. Simulated Daily Flows, North Branch Patapsco River

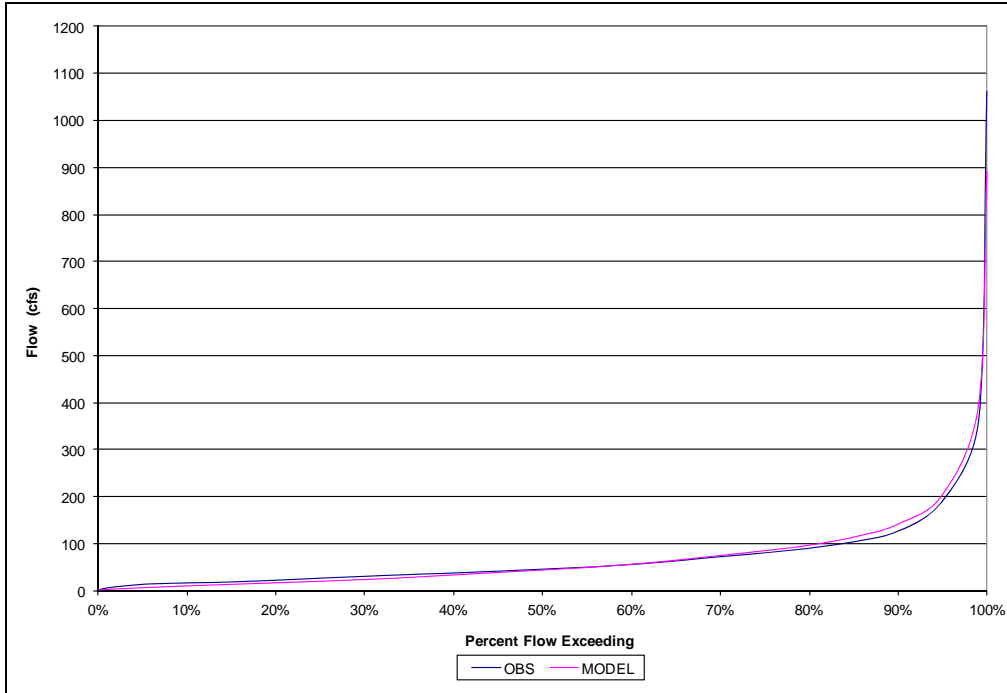


Figure A-3: Cumulative Distribution of Observed and Simulated Flows, North Branch Patapsco River

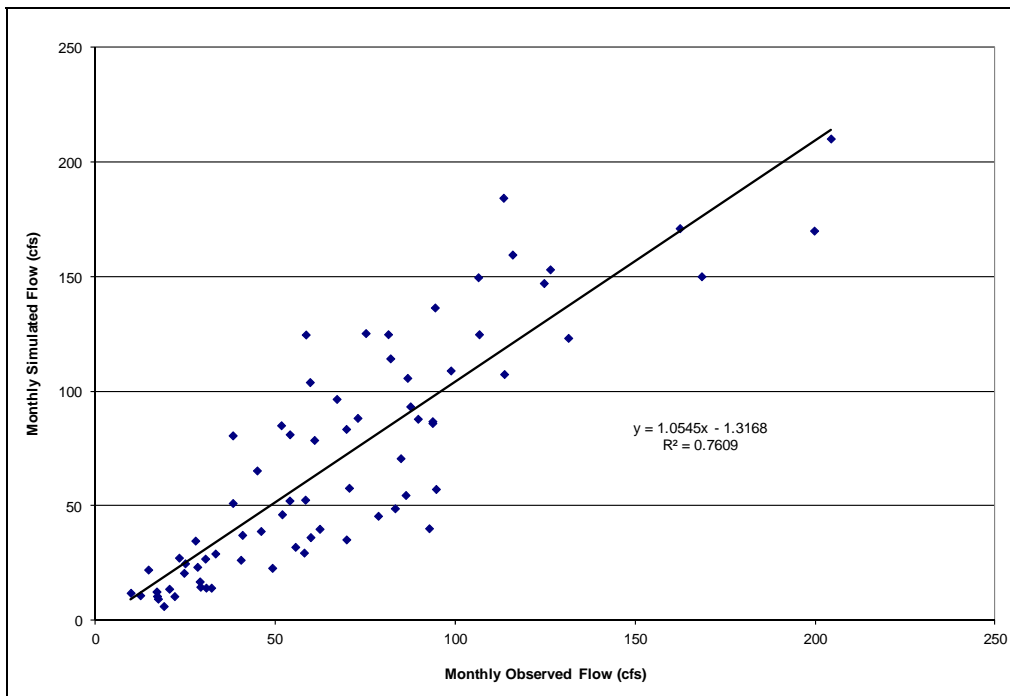


Figure A-4: Observed vs. Simulated Monthly Flows, North Branch Patapsco River

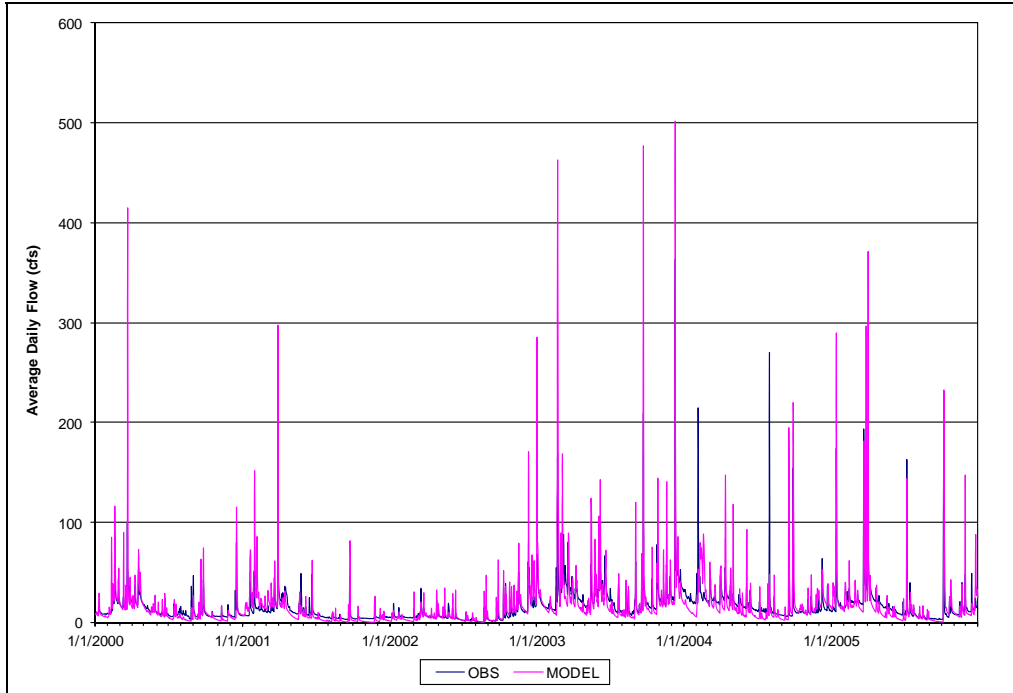


Figure A-5: Daily Observed and Simulated Flows, Beaver Run

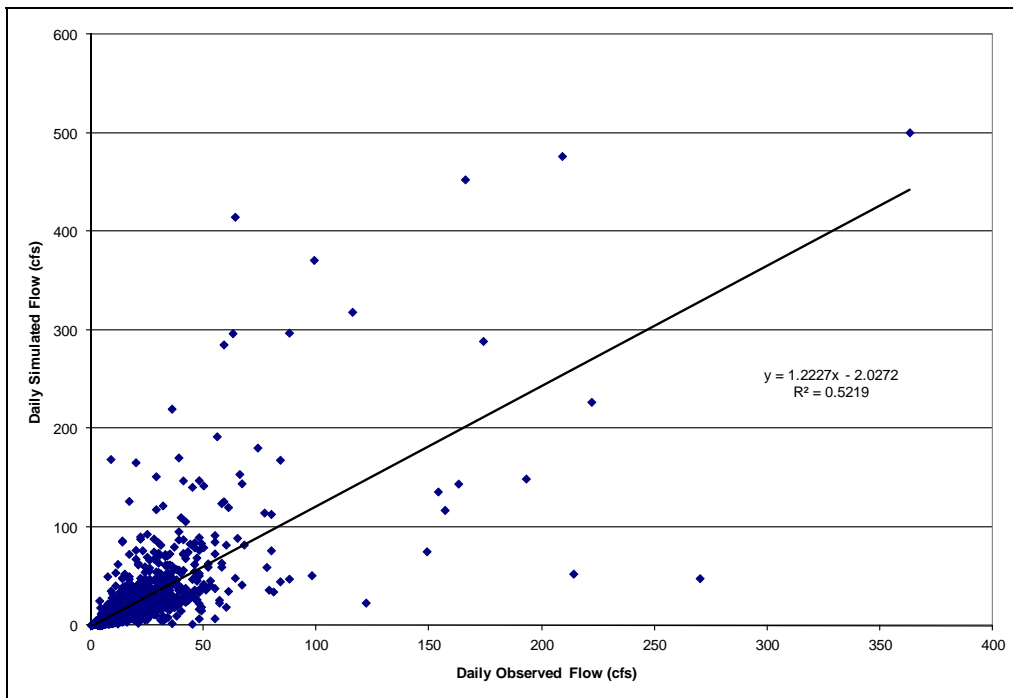


Figure A-6: Observed vs. Simulated Daily Flows, Beaver Run

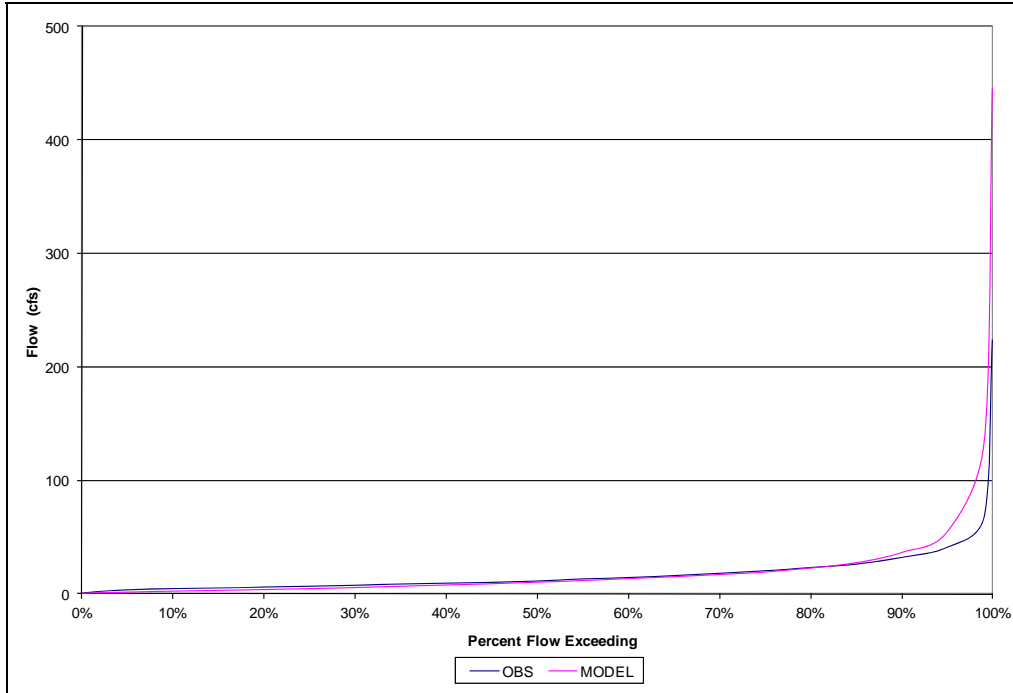


Figure A-7: Cumulative Distribution of Observed and Simulated Flows, Beaver Run

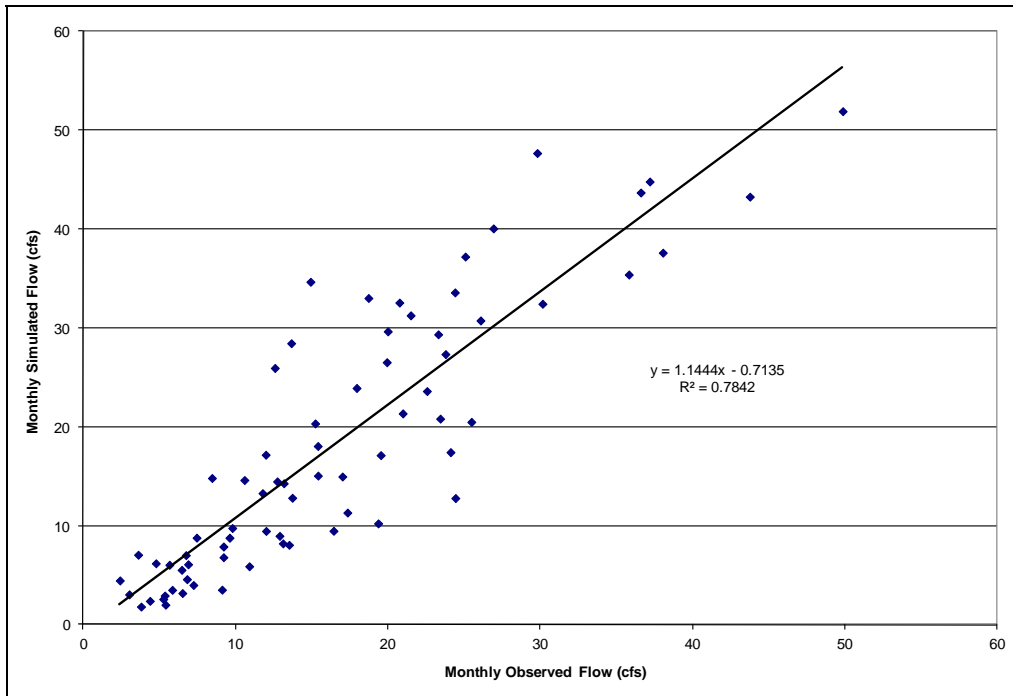


Figure A-8: Observed vs. Simulated Monthly Flows, Beaver Run

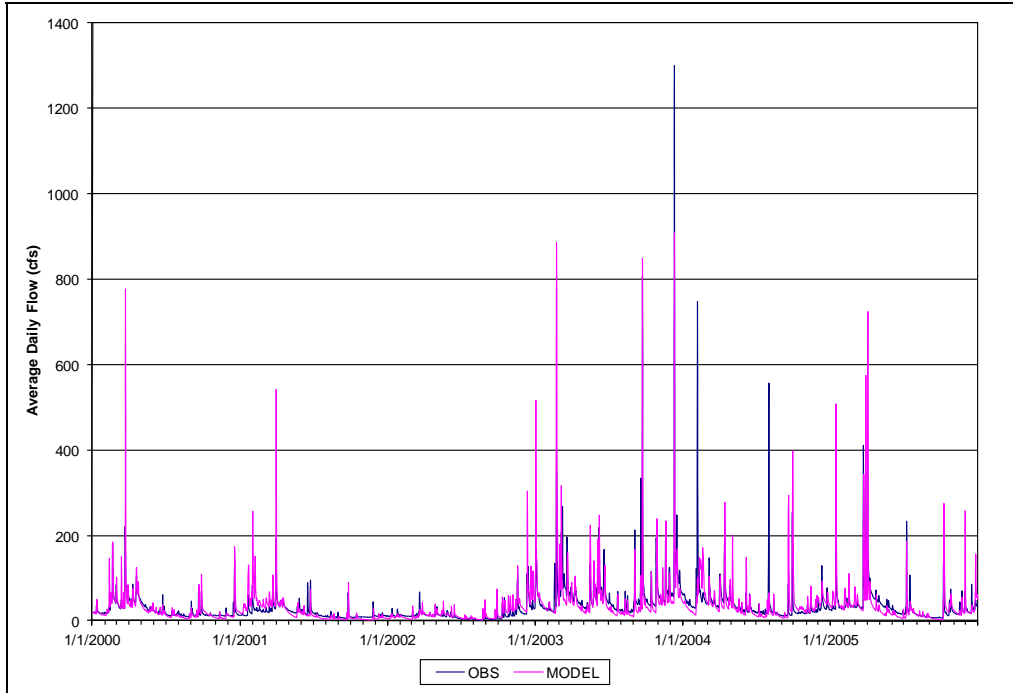


Figure A-9: Daily Observed and Simulated Flows, Morgan Run

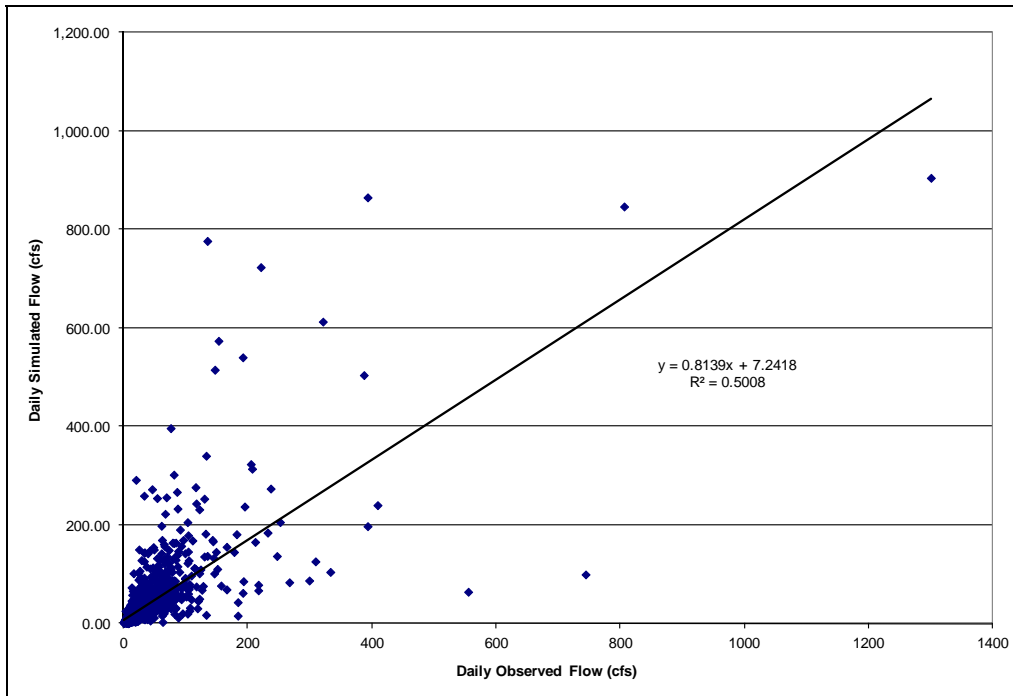


Figure A-10: Observed vs. Simulated Daily Flows, Morgan Run

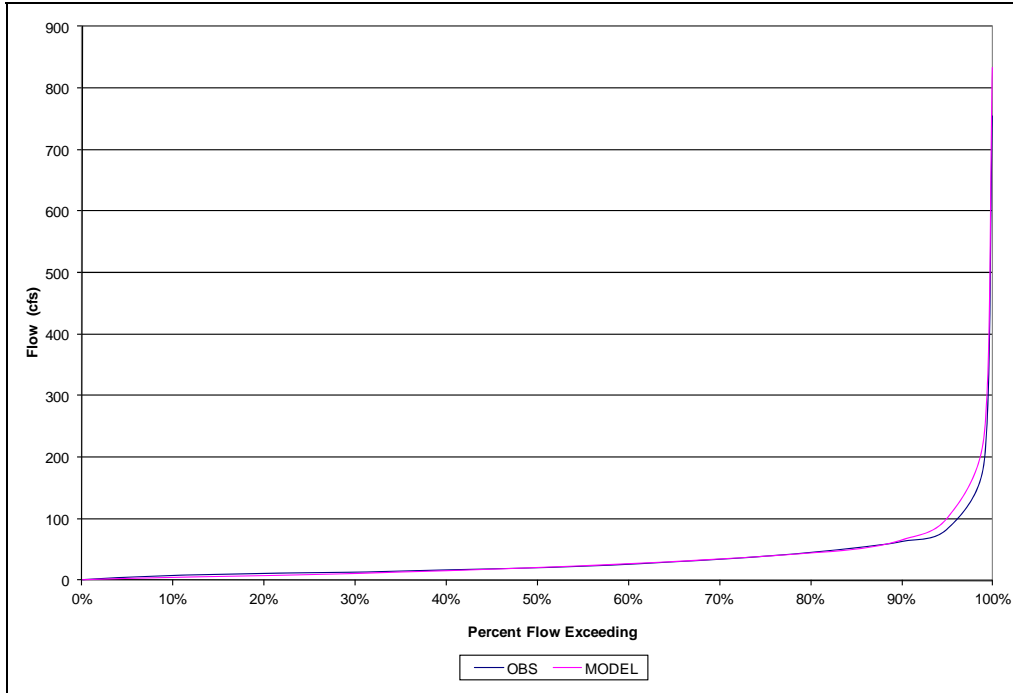


Figure A-11: Cumulative Distribution of Observed and Simulated Flows, Morgan Run

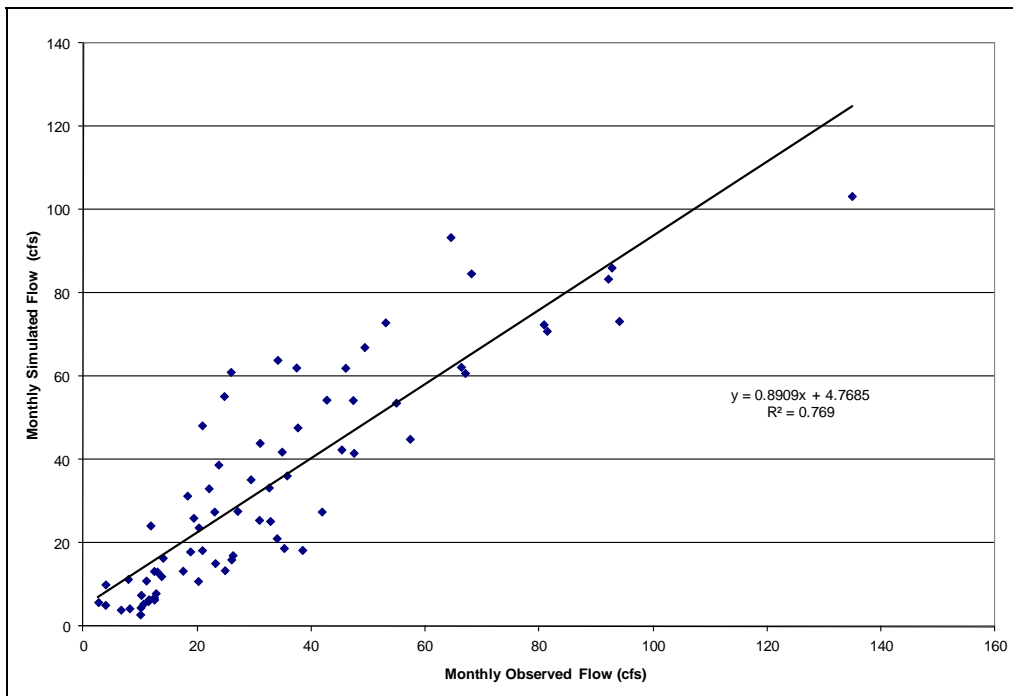


Figure A-12: Observed vs. Simulated Monthly Flows, Morgan Run

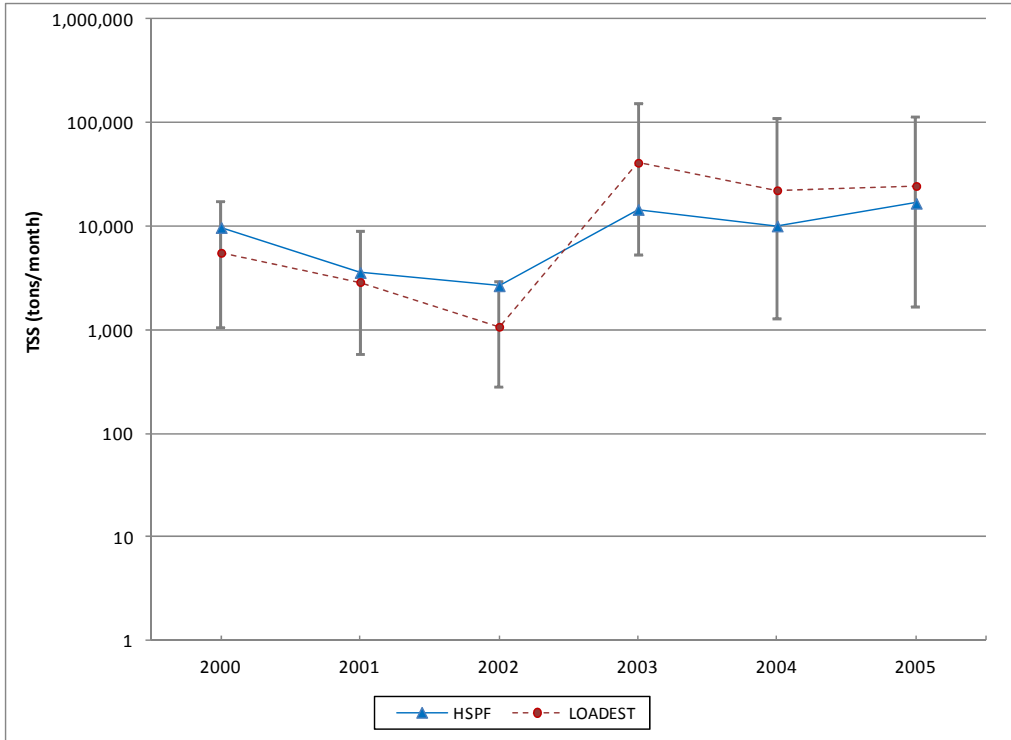


Figure A-13: Time Series of LOADEST and HSPF Annual Sediment Loads, North Branch Patapsco River

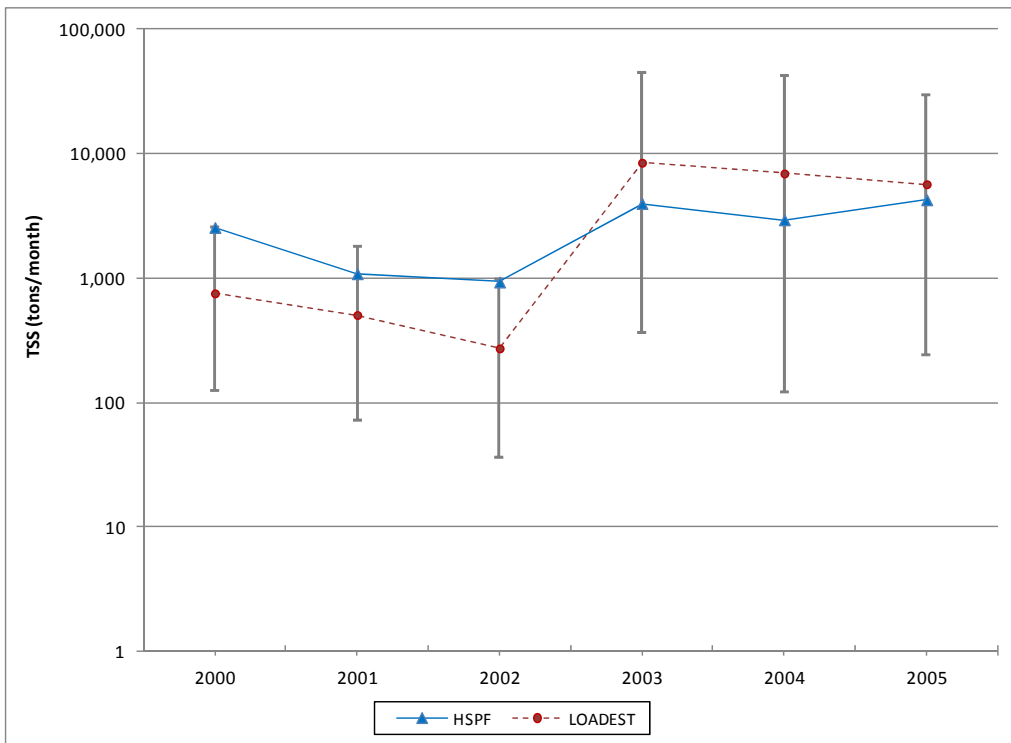


Figure A-14: Time Series of LOADEST and HSPF Annual Sediment Loads, Beaver Run

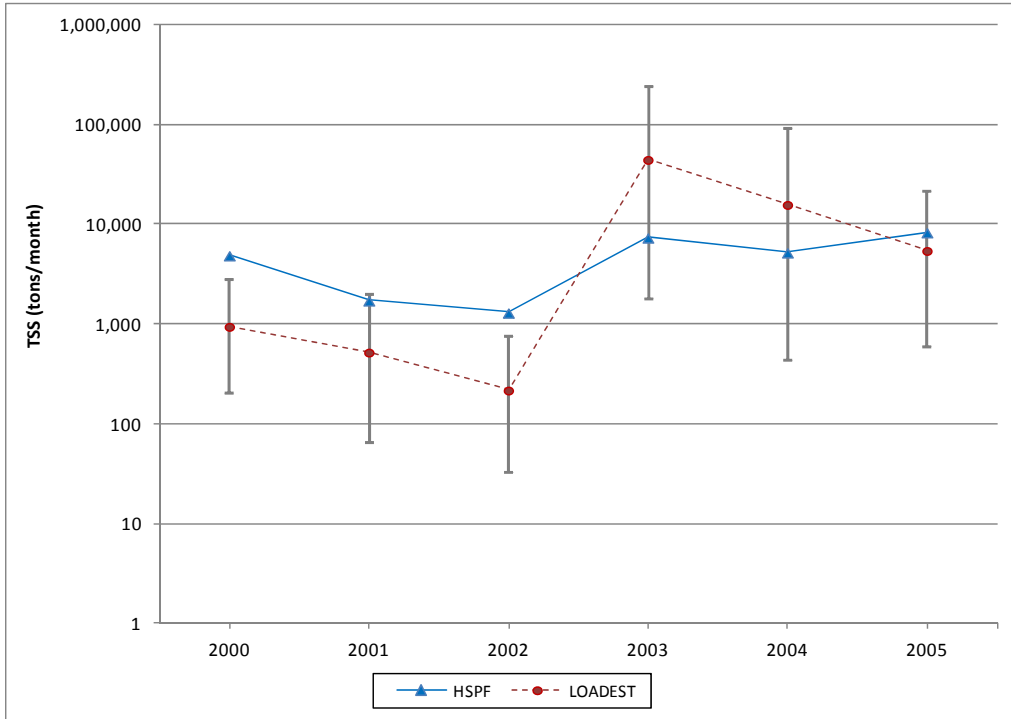


Figure A-15: Time Series of LOADEST and HSPF Annual Sediment Loads, Morgan Run

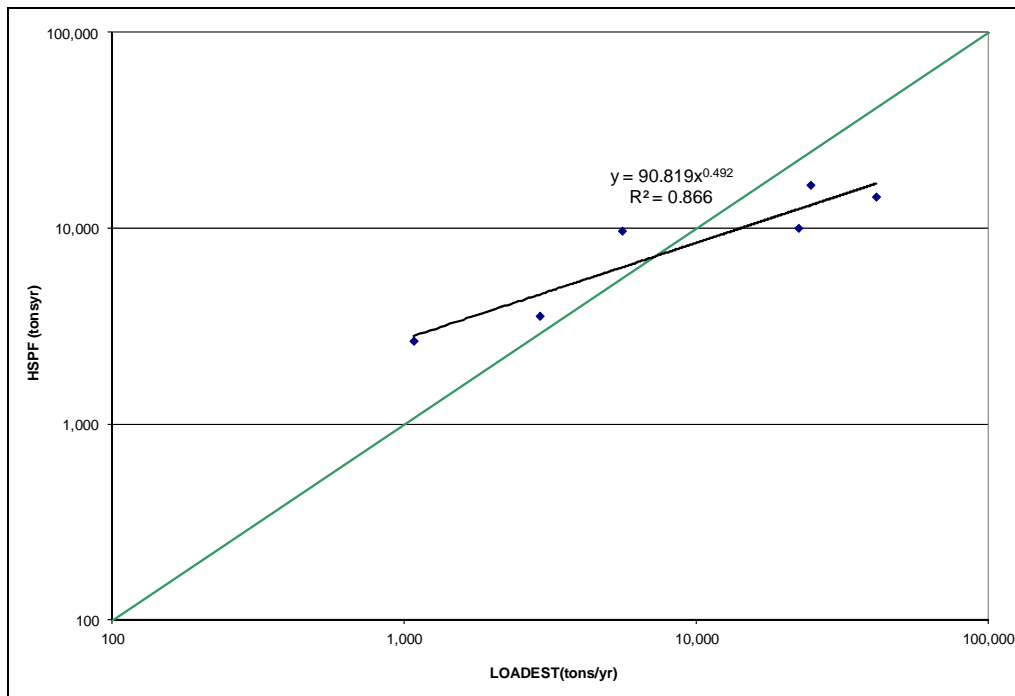


Figure A-16: Scatter Plot, ESTIMATOR and HSPF Annual Sediment Loads, North Branch Patapsco River

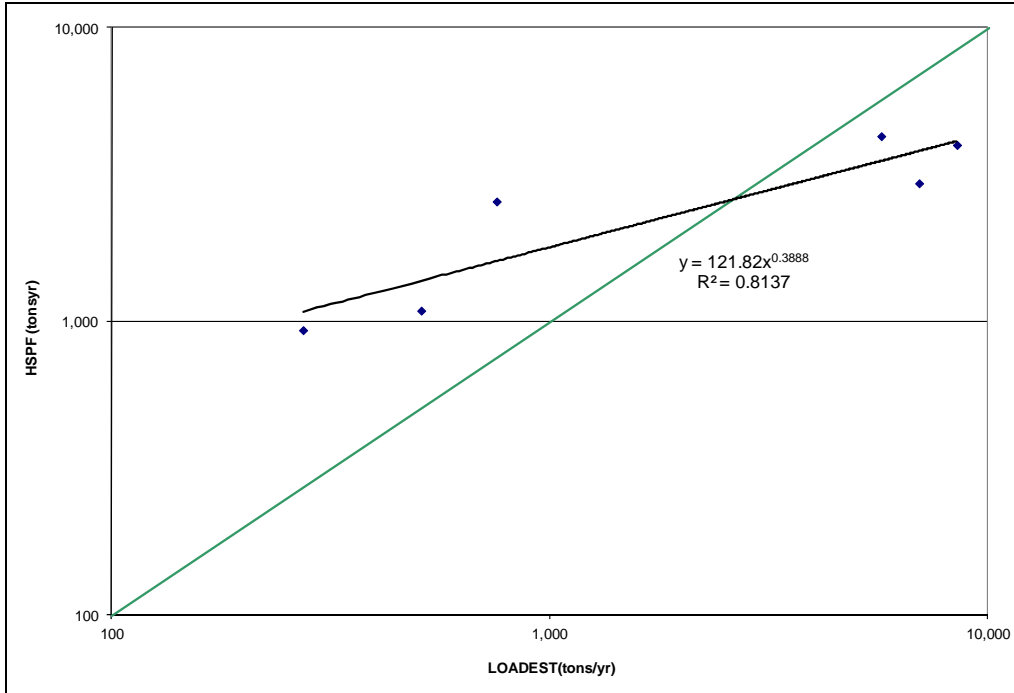


Figure A-17: Scatter Plot, ESTIMATOR and HSPF Annual Sediment Loads, Beaver Run

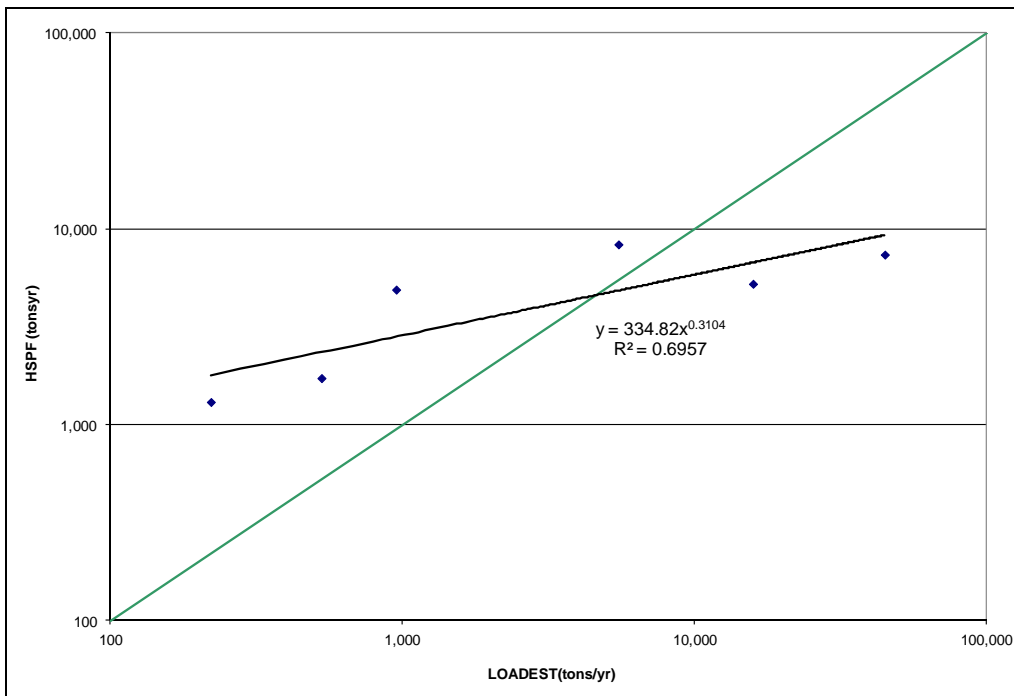


Figure A-18: Scatter Plot, ESTIMATOR and HSPF Annual Sediment Loads, Morgan Run

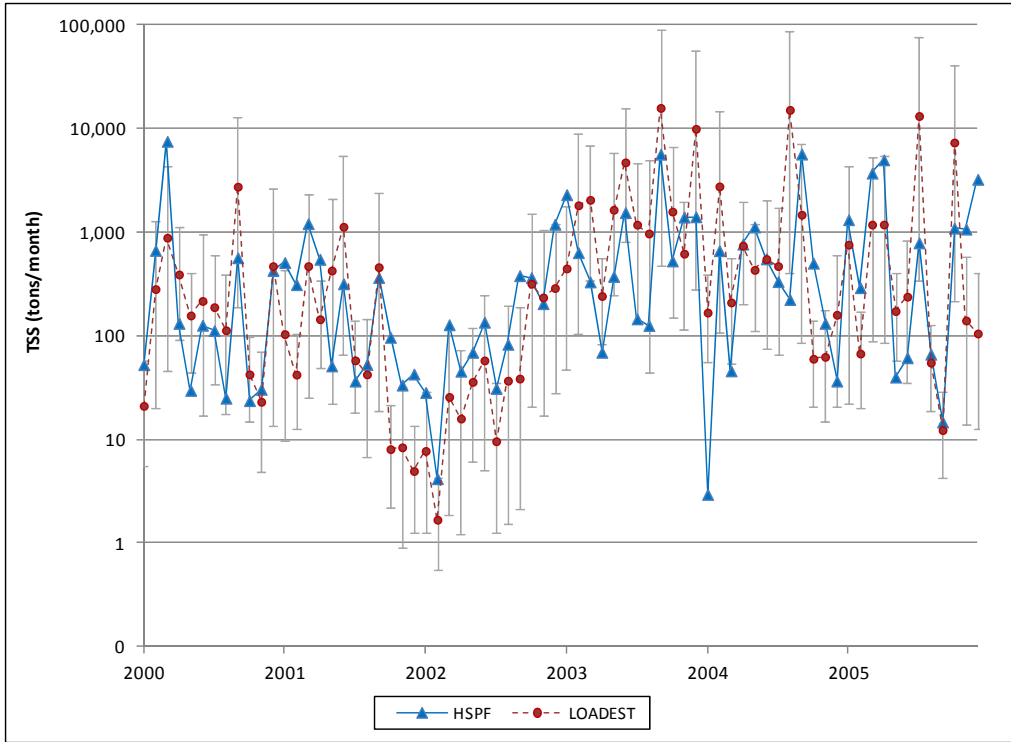


Figure A-19: Time Series of LOADEST and HSPF Monthly Sediment Loads, North Branch Patapsco River

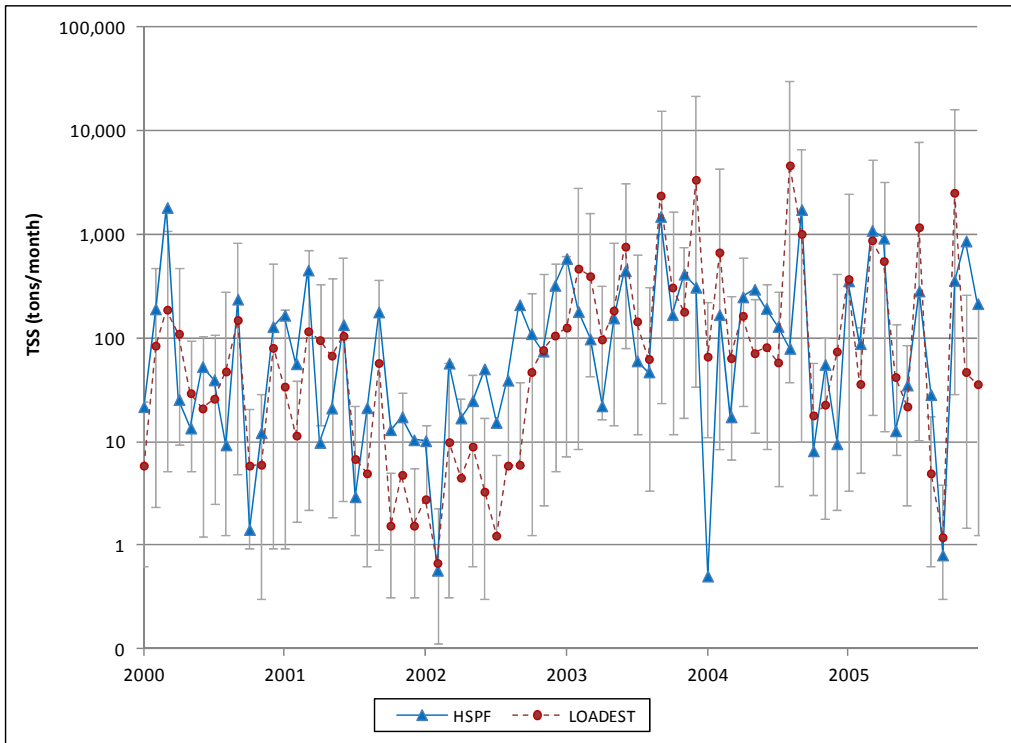


Figure A-20: Time Series of LOADEST and HSPF Monthly Sediment Loads, Beaver Run

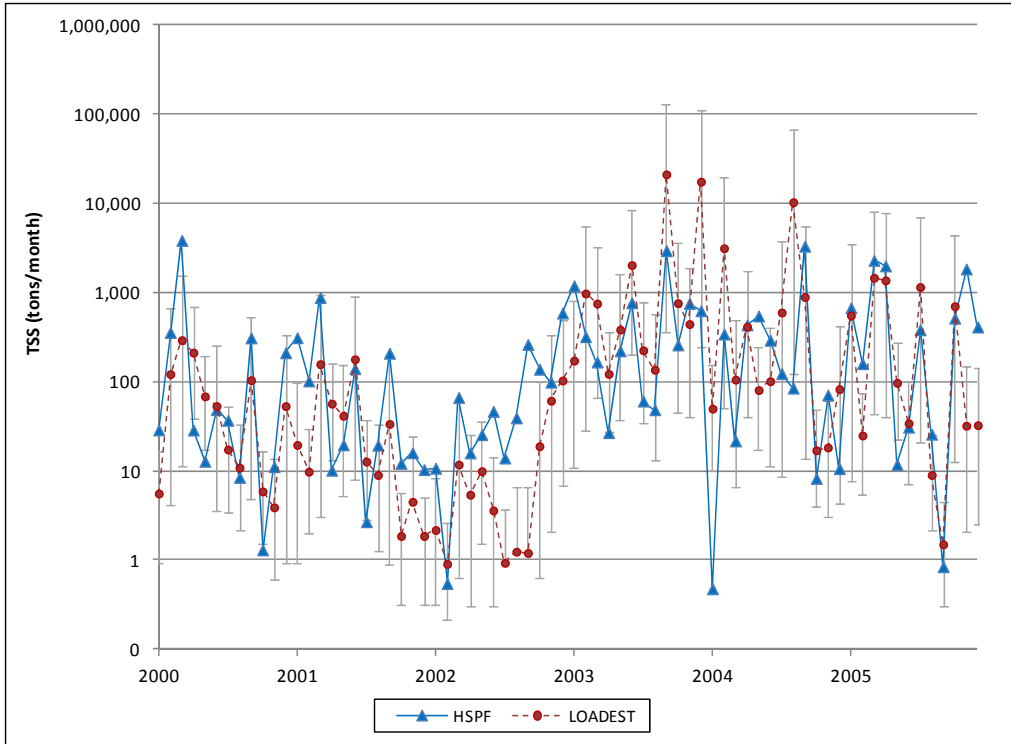


Figure A-21 Time Series of LOADEST and HSPF Monthly Sediment Loads, Morgan Run

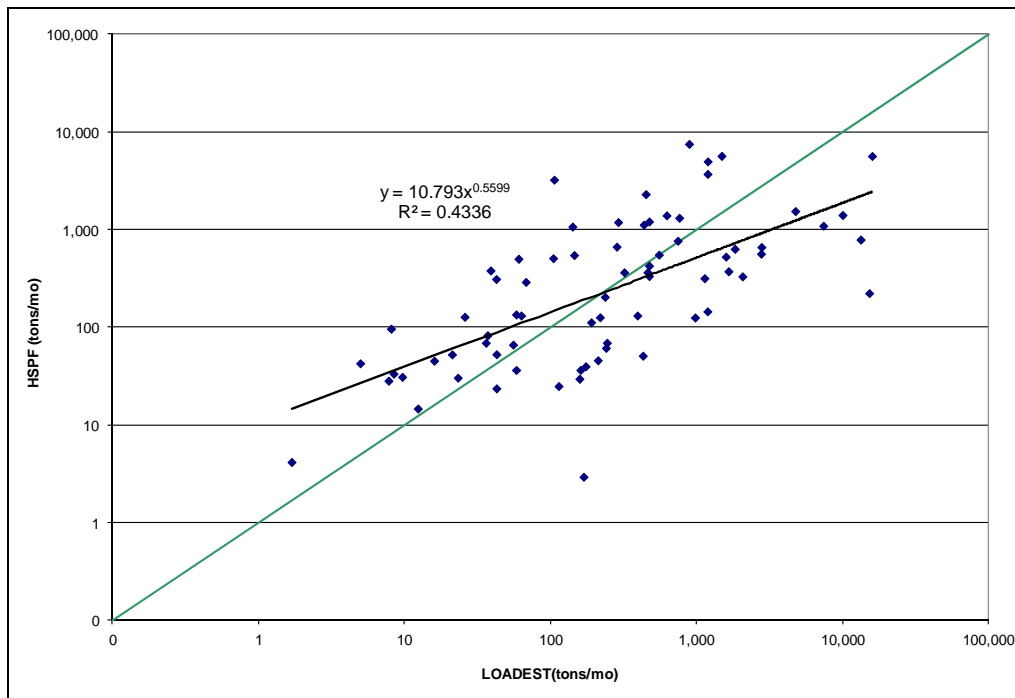


Figure A-22: Scatter Plot, ESTIMATOR and HSPF Monthly Sediment Loads, North Branch Patapsco River

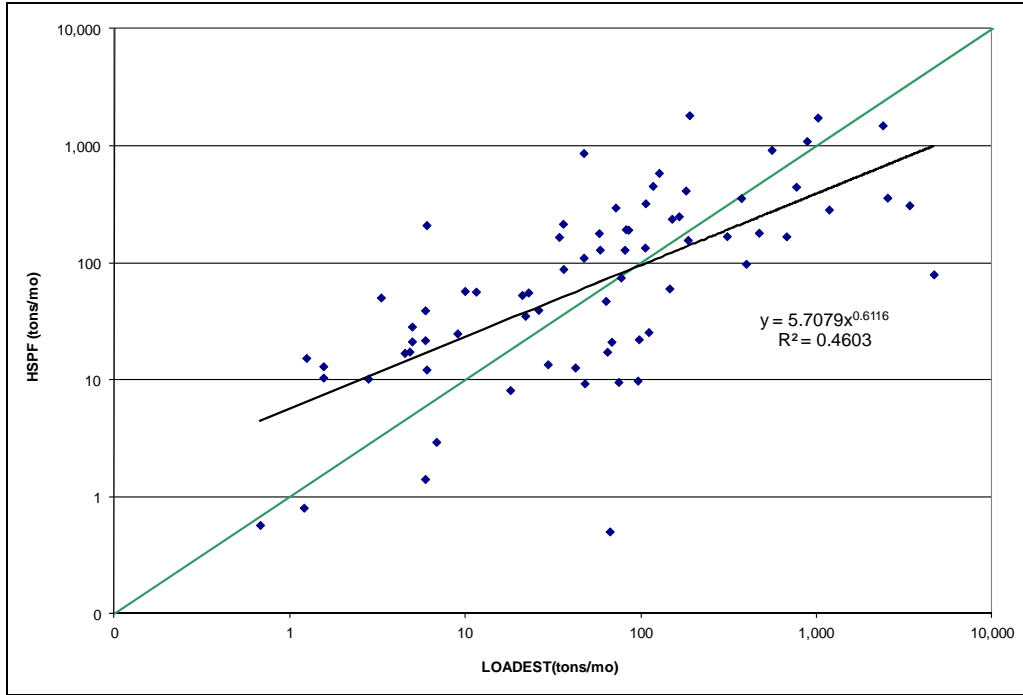


Figure A-23: Scatter Plot, ESTIMATOR and HSPF Monthly Sediment Loads, Beaver Run

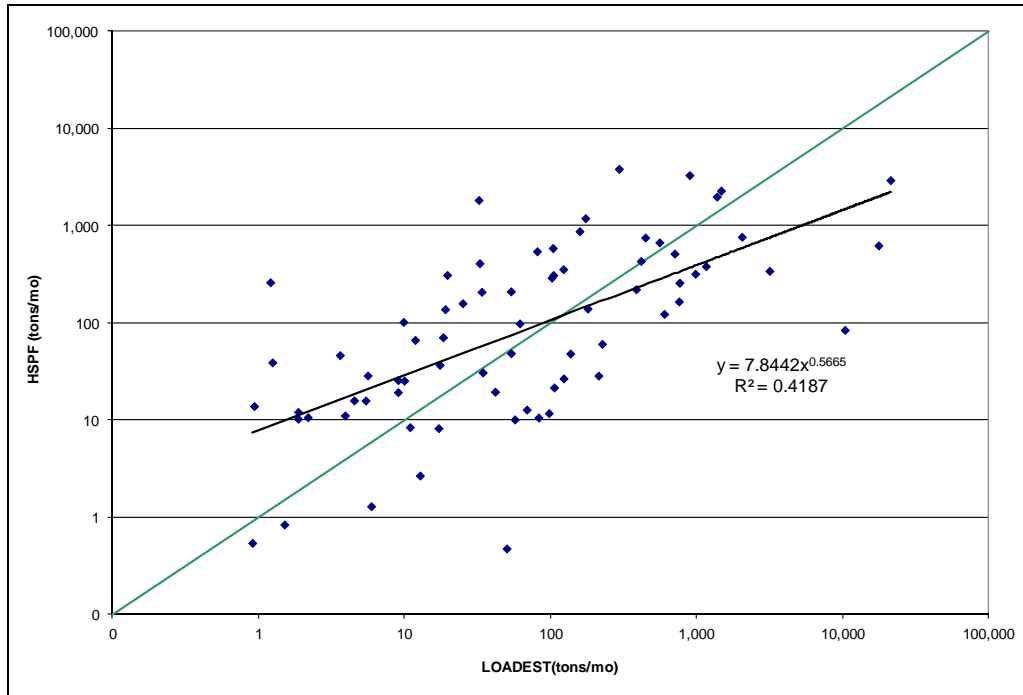


Figure A-24: Scatter Plot, ESTIMATOR and HSPF Monthly Sediment Loads, Morgan Run

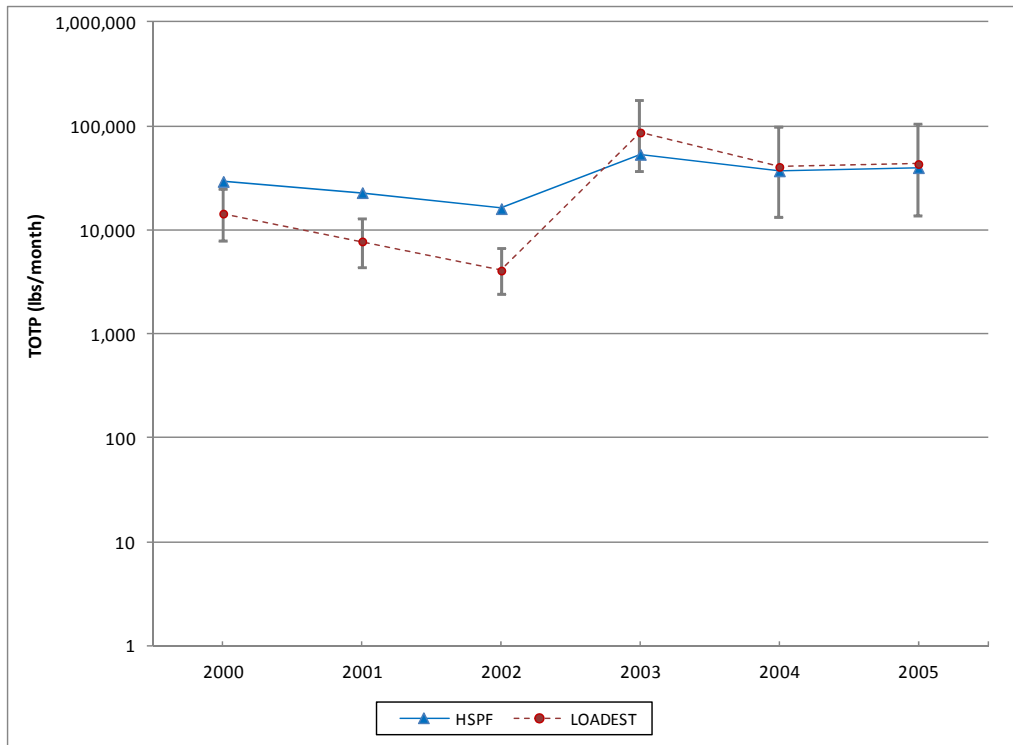


Figure A-25: Time Series of LOADEST and HSPF Annual Total Phosphorus Loads, North Branch Patapsco River

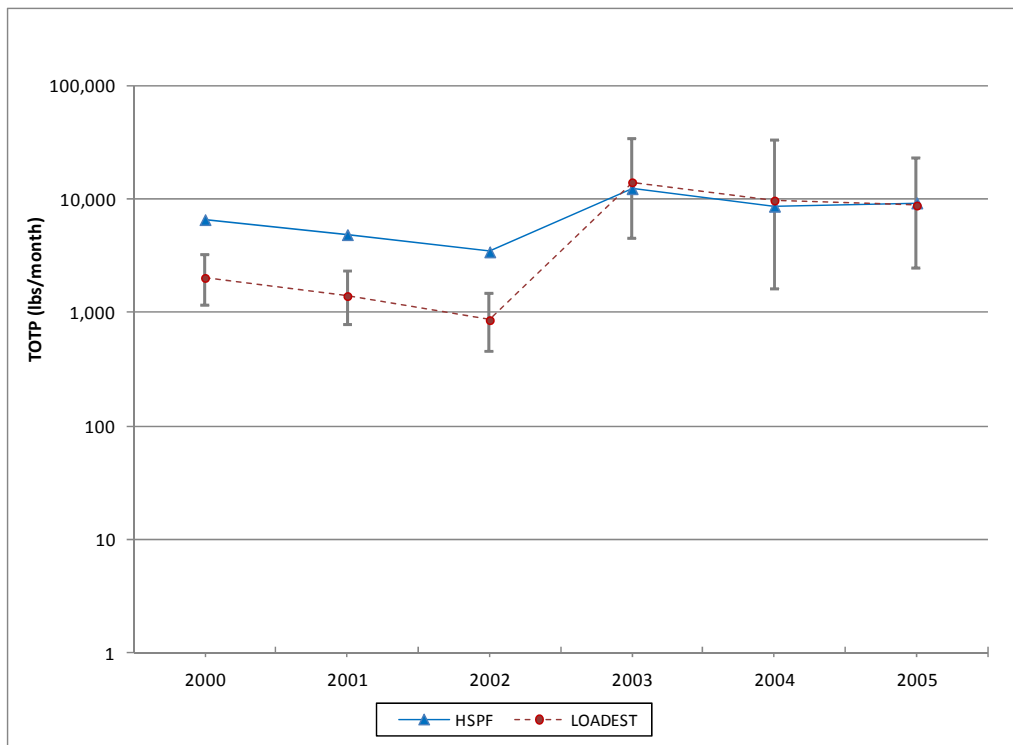


Figure A-26: Time Series of LOADEST and HSPF Annual Total Phosphorus Loads, Beaver Run

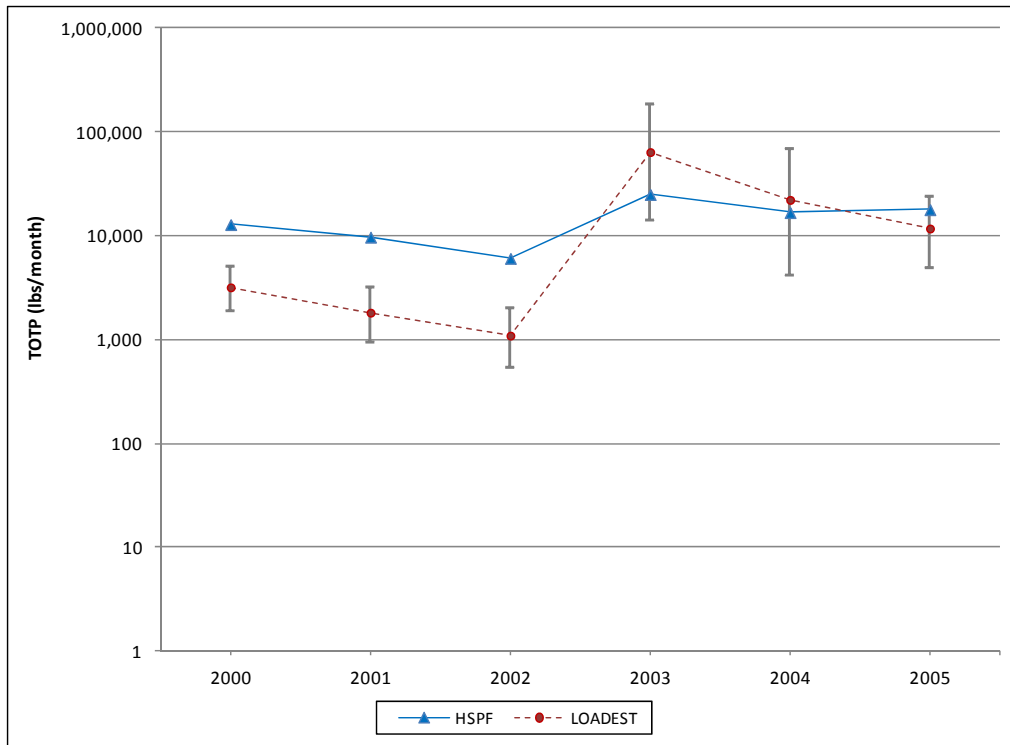


Figure A-27: Time Series of LOADEST and HSPF Annual Total Phosphorus Loads, Morgan Run

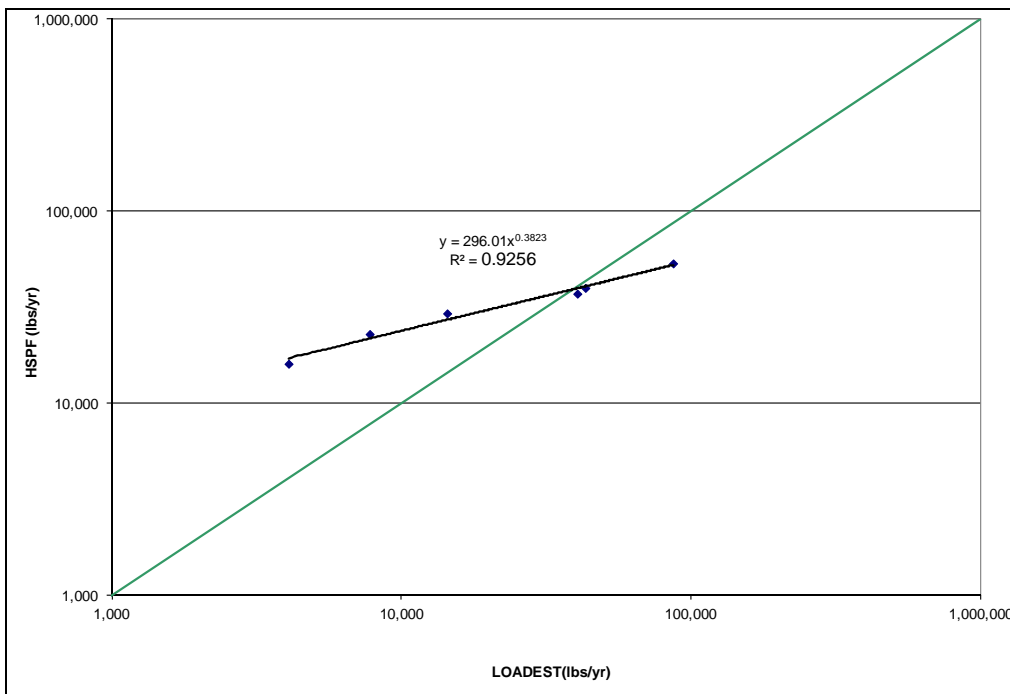


Figure A-28: Scatter Plot, ESTIMATOR and HSPF Annual Total Phosphorus Loads, North Branch Patapsco River

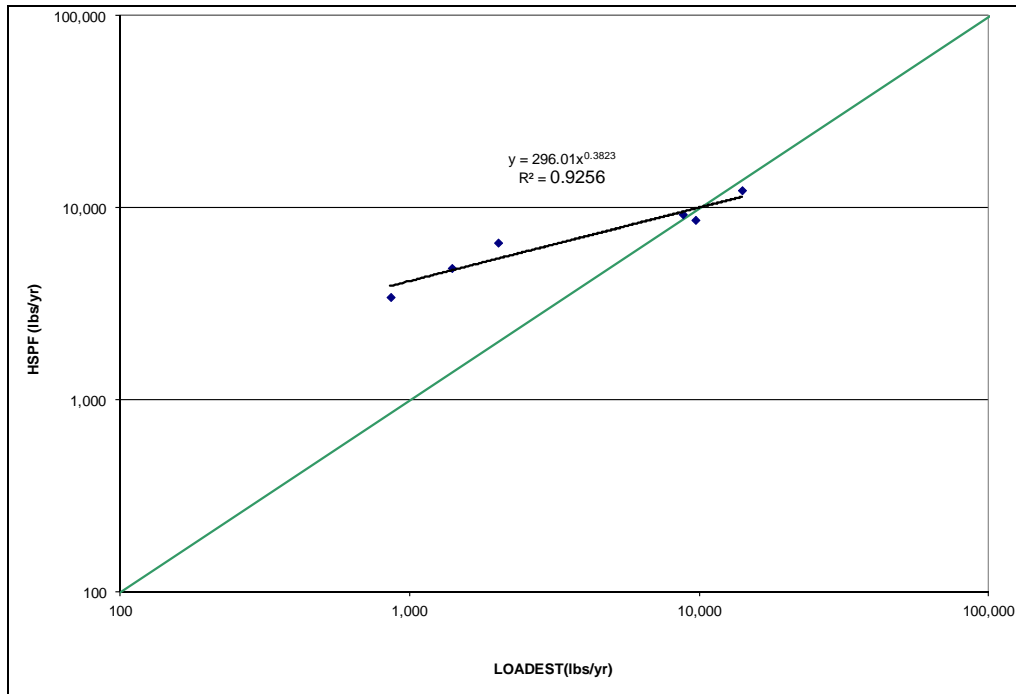


Figure A-29: Scatter Plot, ESTIMATOR and HSPF Annual Total Phosphorus Loads, Beaver Run

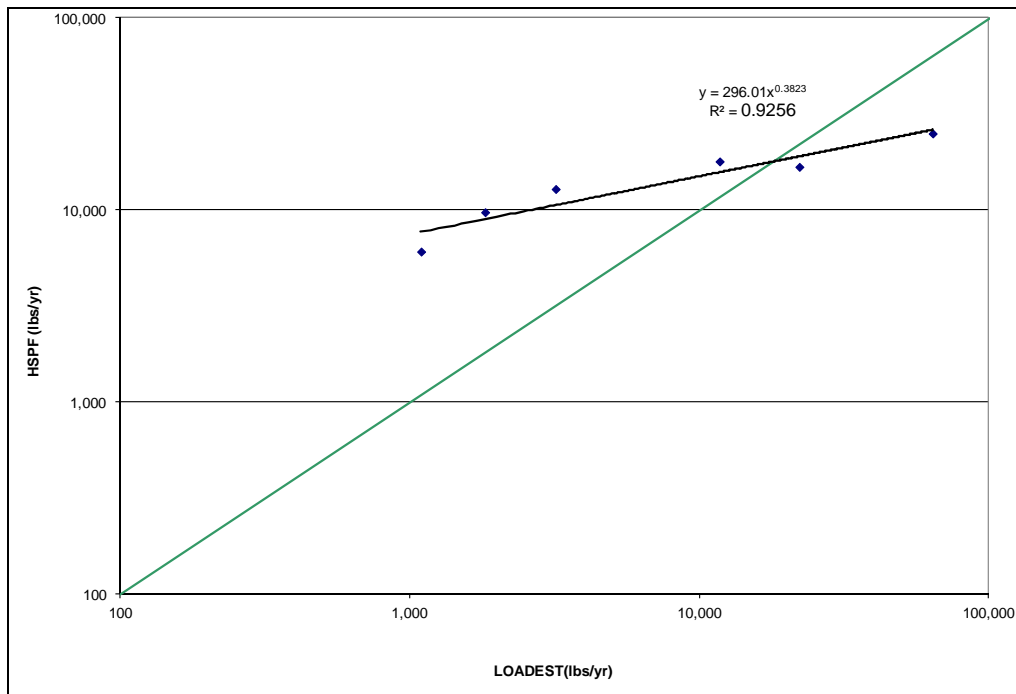


Figure A-30: Scatter Plot, ESTIMATOR and HSPF Annual Total Phosphorus Loads, Morgan Run

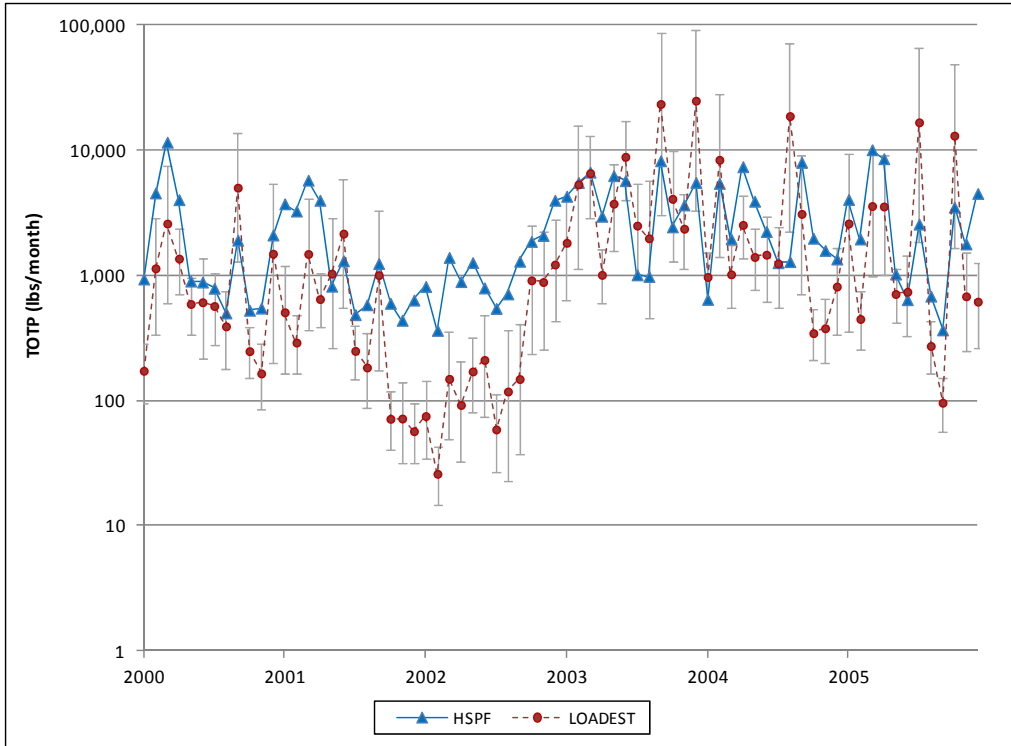


Figure A-31: Time Series of LOADEST and HSPF Monthly Total Phosphorus Loads, North Branch Patapsco River

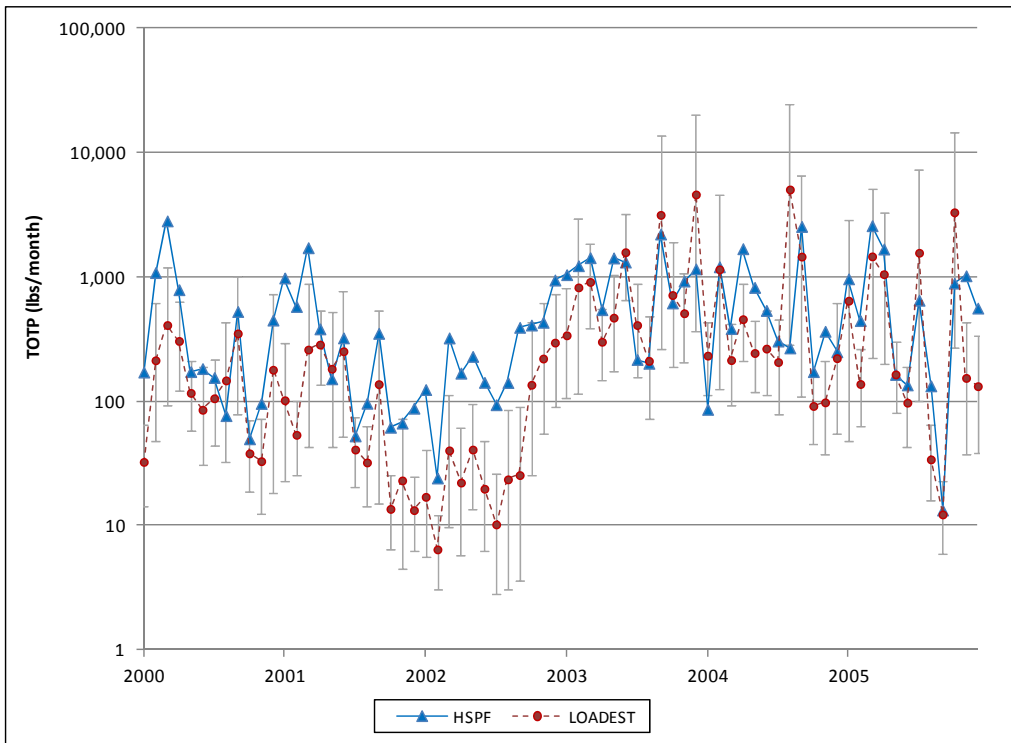


Figure A-32: Time Series of LOADEST and HSPF Monthly Total Phosphorus Loads, Beaver Run

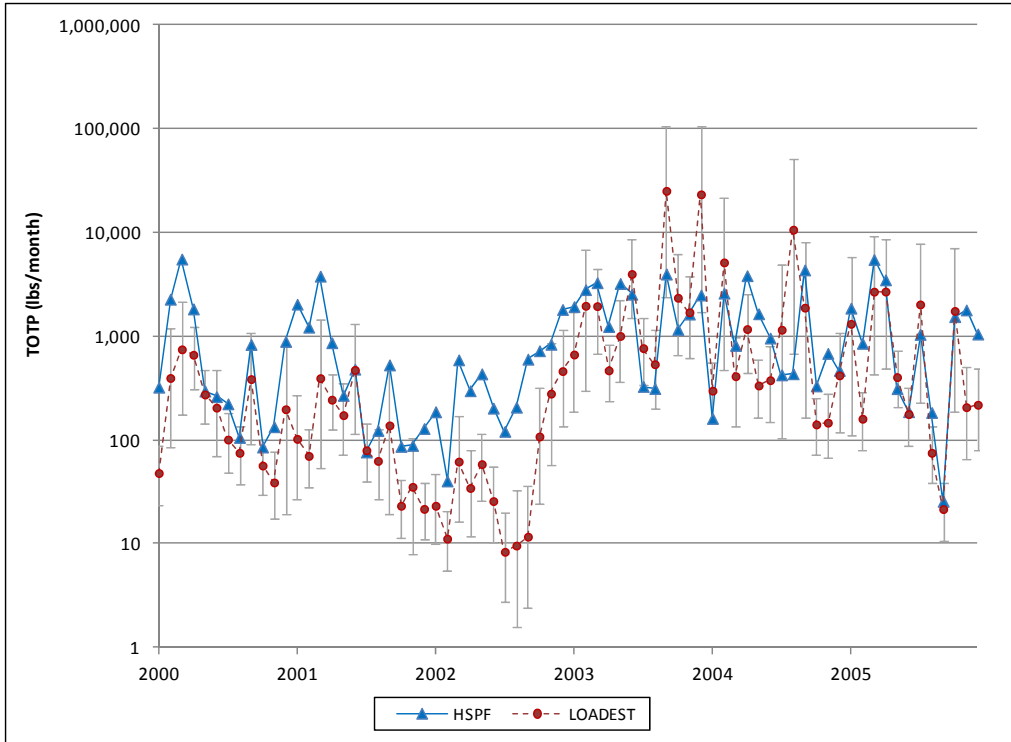


Figure A-33: Time Series of LOADEST and HSPF Monthly Total Phosphorus Loads, Morgan Run

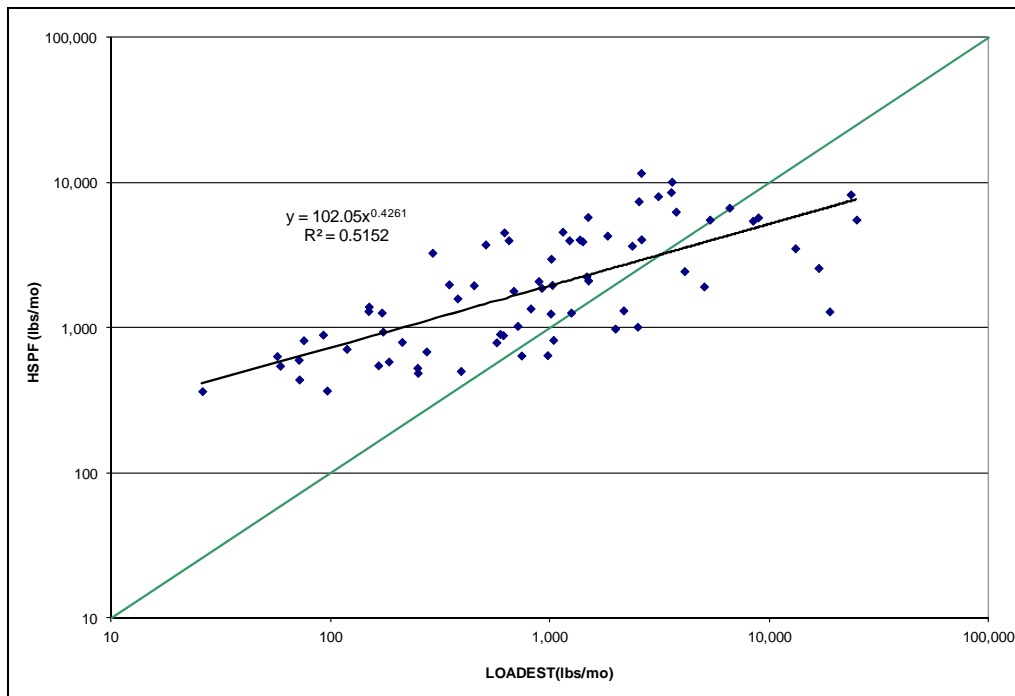


Figure A-34: Scatter Plot, ESTIMATOR and HSPF Monthly Total Phosphorus Loads, North Branch Patapsco River

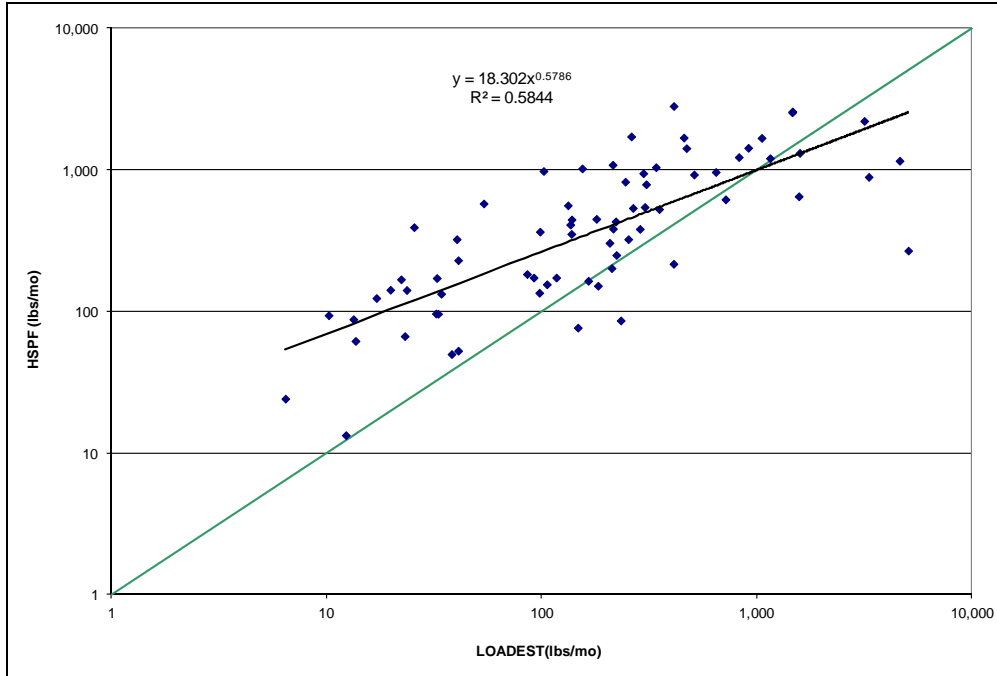


Figure A-35: Scatter Plot, ESTIMATOR and HSPF Monthly Total Phosphorus Loads, Beaver Run

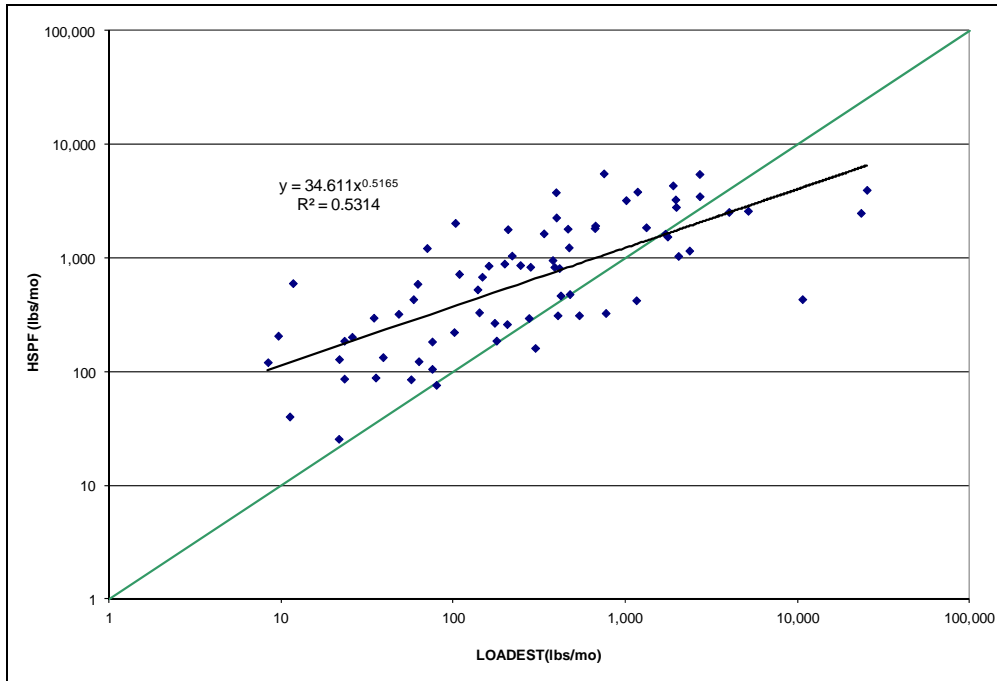


Figure A-36: Scatter Plot, ESTIMATOR and HSPF Monthly Total Phosphorus Loads, Morgan Run

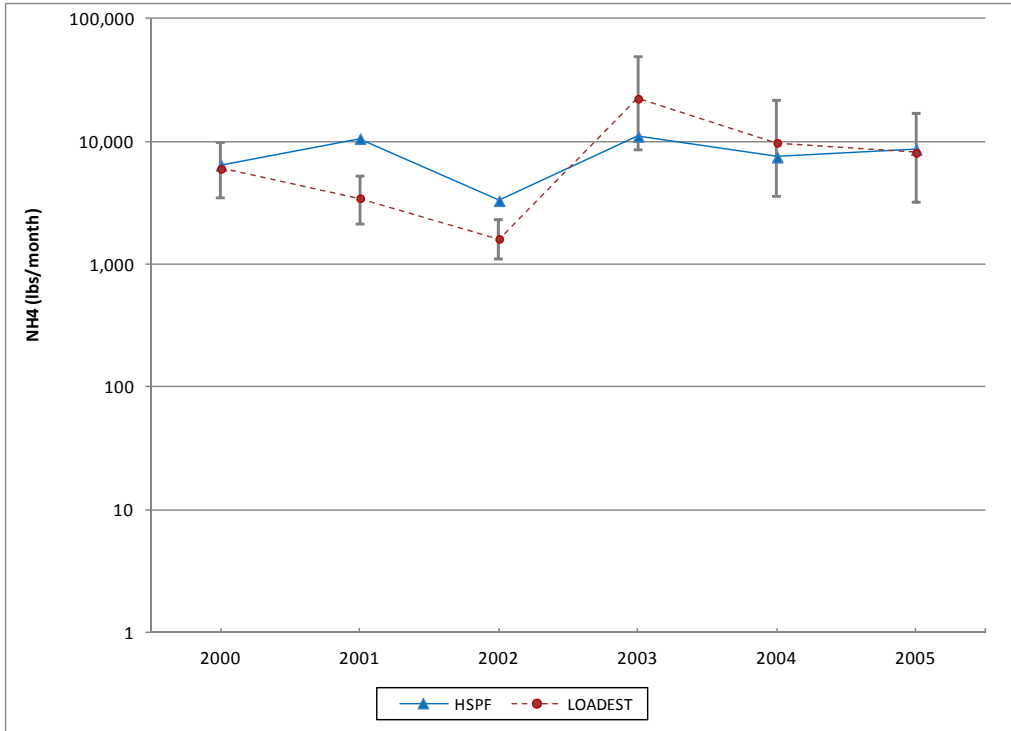


Figure A-37: Time Series of LOADEST and HSPF Annual Ammonia Loads, North Branch Patapsco River

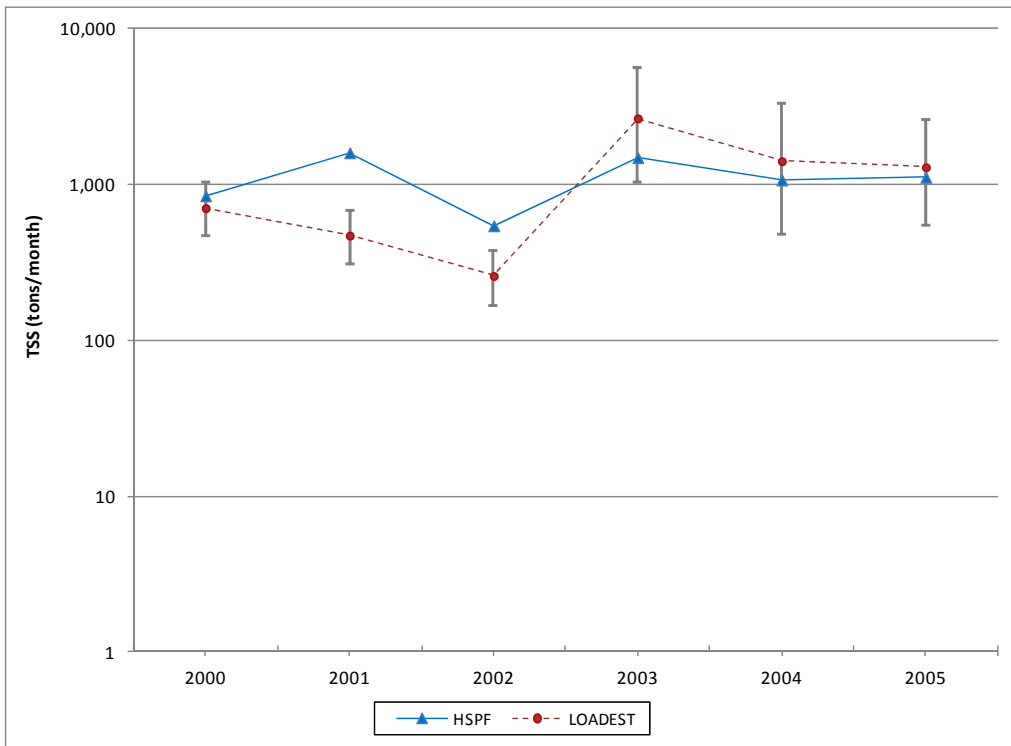


Figure A-38: Time Series of LOADEST and HSPF Annual Ammonia Loads, Beaver Run

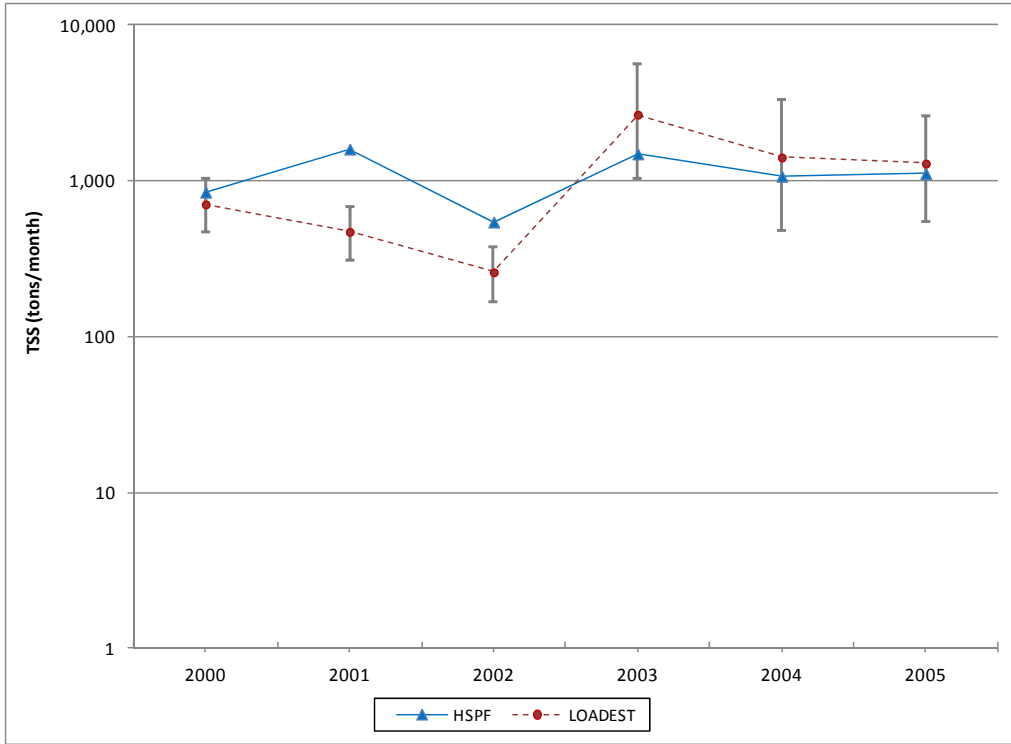


Figure A-39: Time Series of LOADEST and HSPF Annual Ammonia Loads, Morgan Run

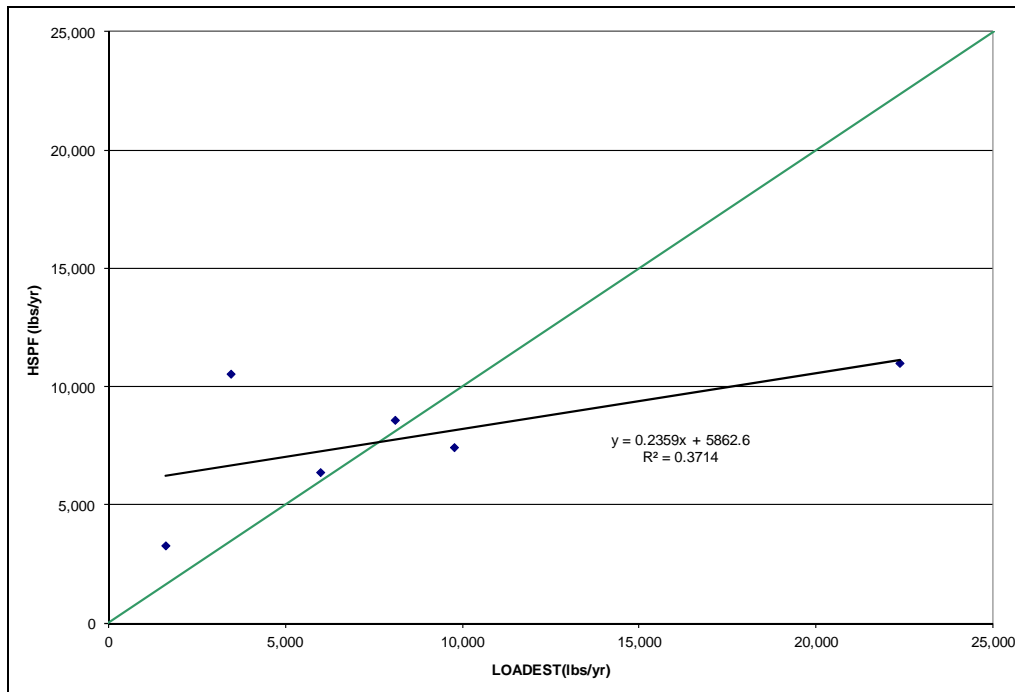


Figure A-40: Scatter Plot, ESTIMATOR and HSPF Annual Ammonia Loads, North Branch Patapsco River

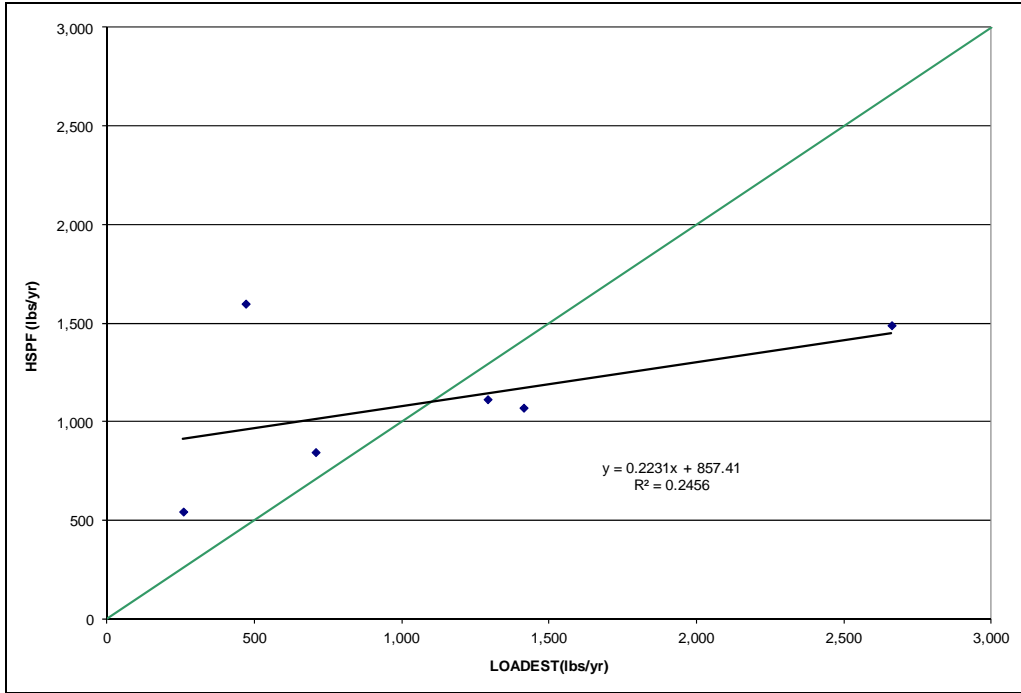


Figure A-41: Scatter Plot, ESTIMATOR and HSPF Annual Ammonia Loads, Beaver Run

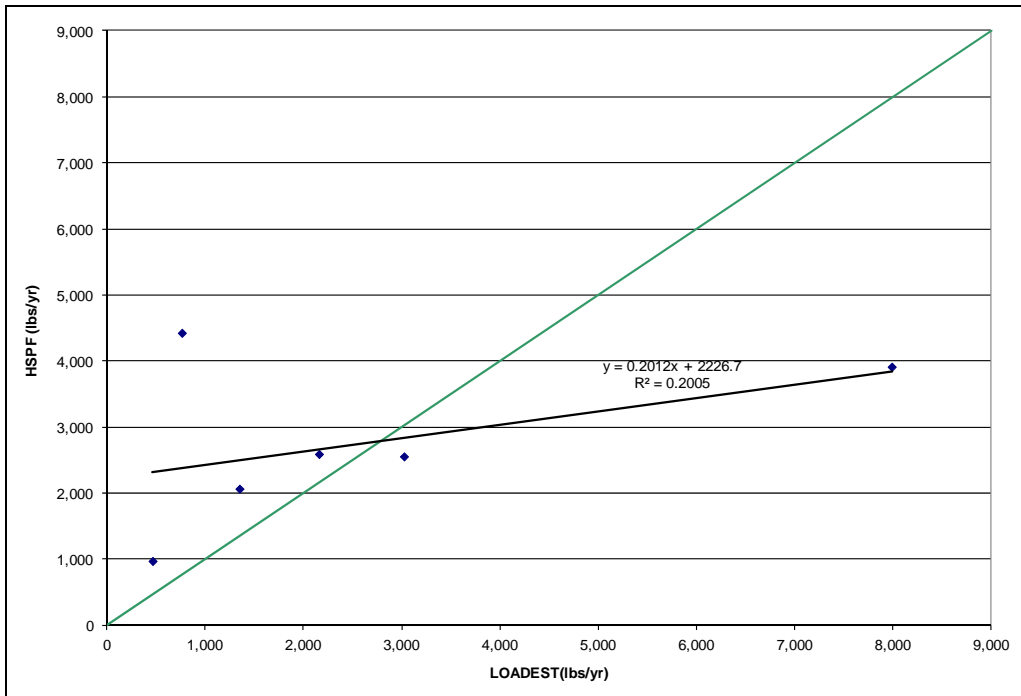


Figure A-42: Scatter Plot, ESTIMATOR and HSPF Annual Ammonia Loads, Morgan Run

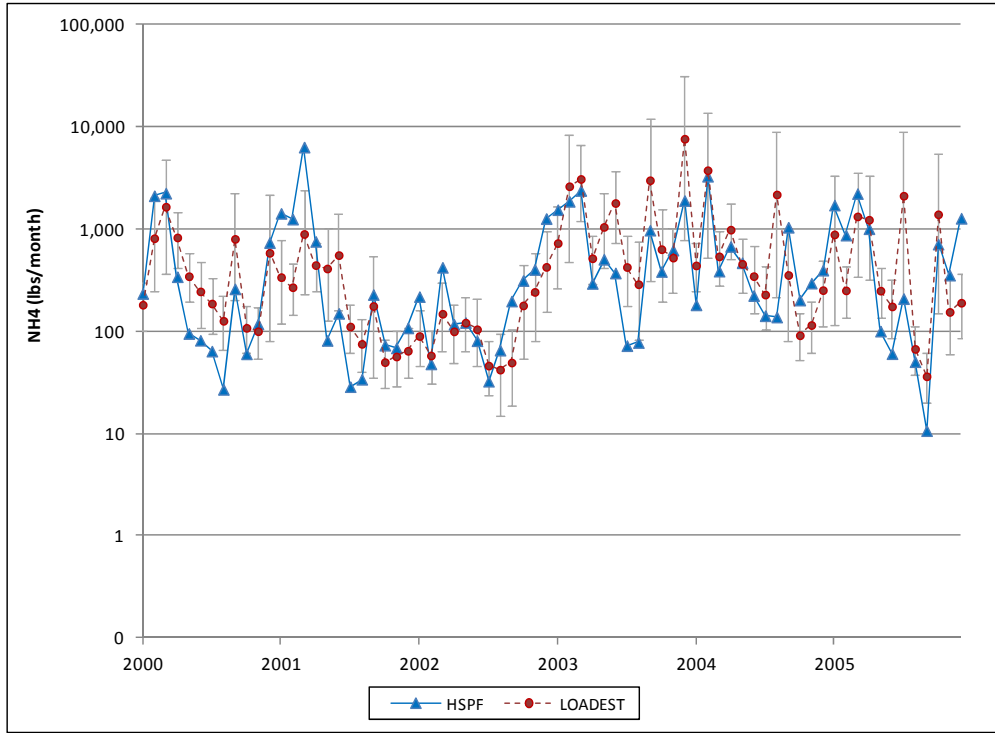


Figure A-43: Time Series of LOADEST and HSPF Monthly Ammonia Loads, North Branch Patapsco River

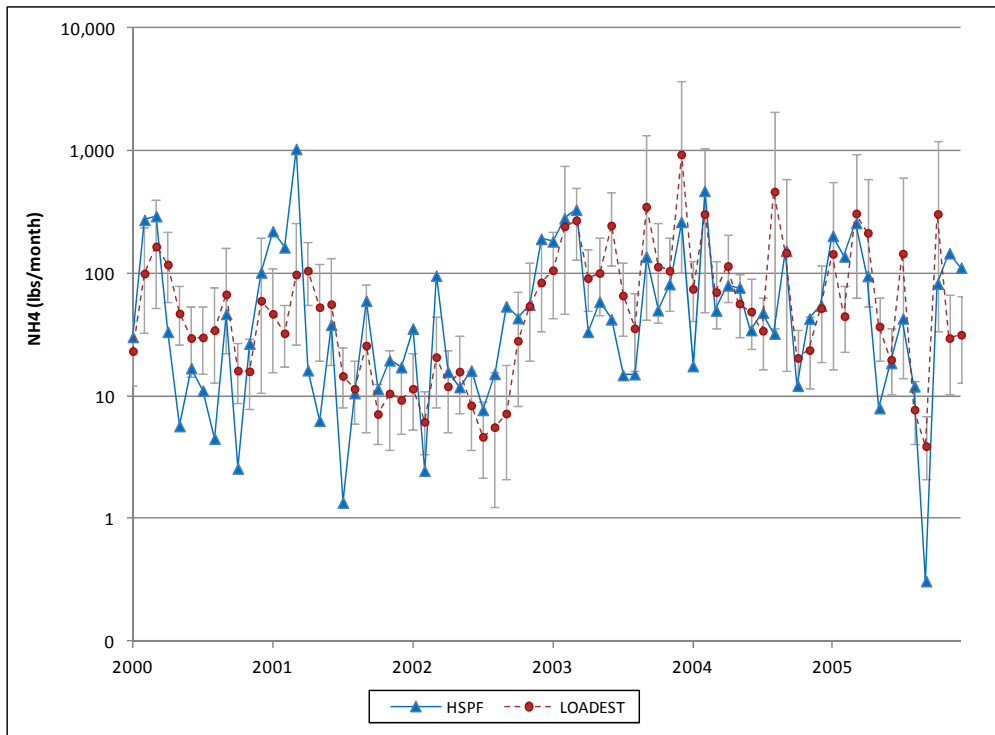


Figure A-44: Time Series of LOADEST and HSPF Monthly Ammonia Loads, Beaver Run

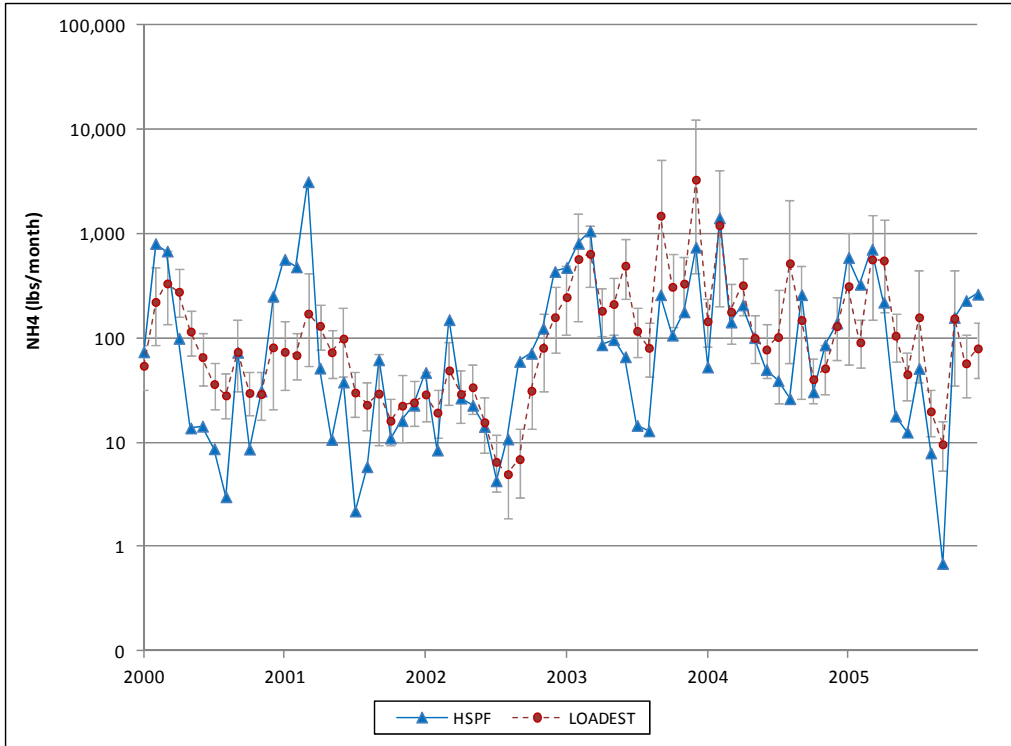


Figure A-45: Time Series of LOADEST and HSPF Monthly Ammonia Loads, Morgan Run

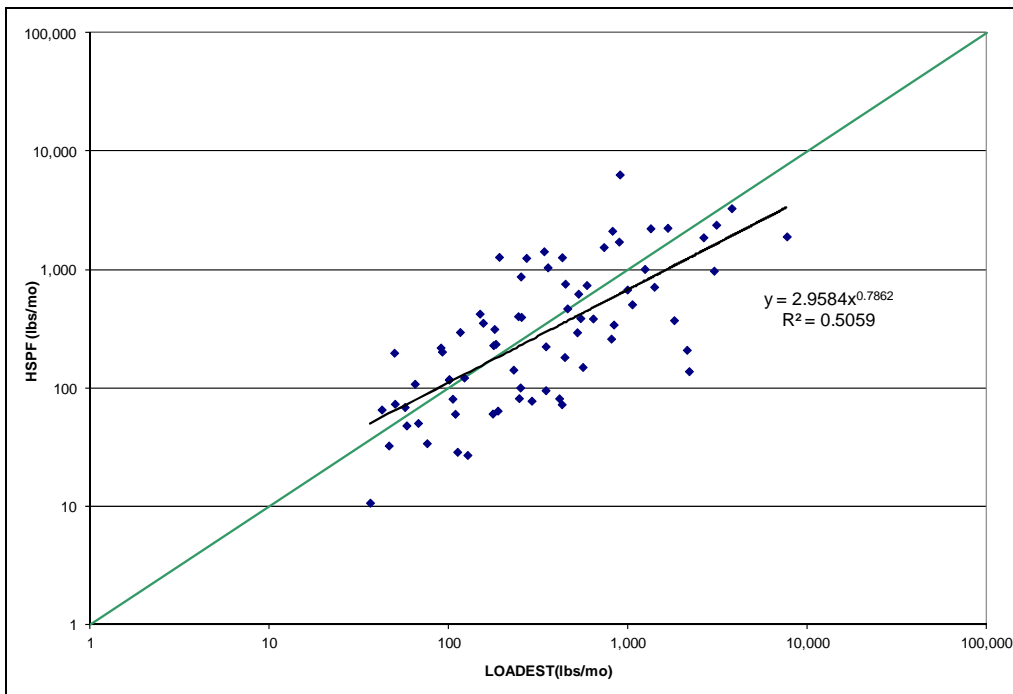


Figure A-46: Scatter Plot, ESTIMATOR and HSPF Monthly Ammonia Loads, North Branch Patapsco River

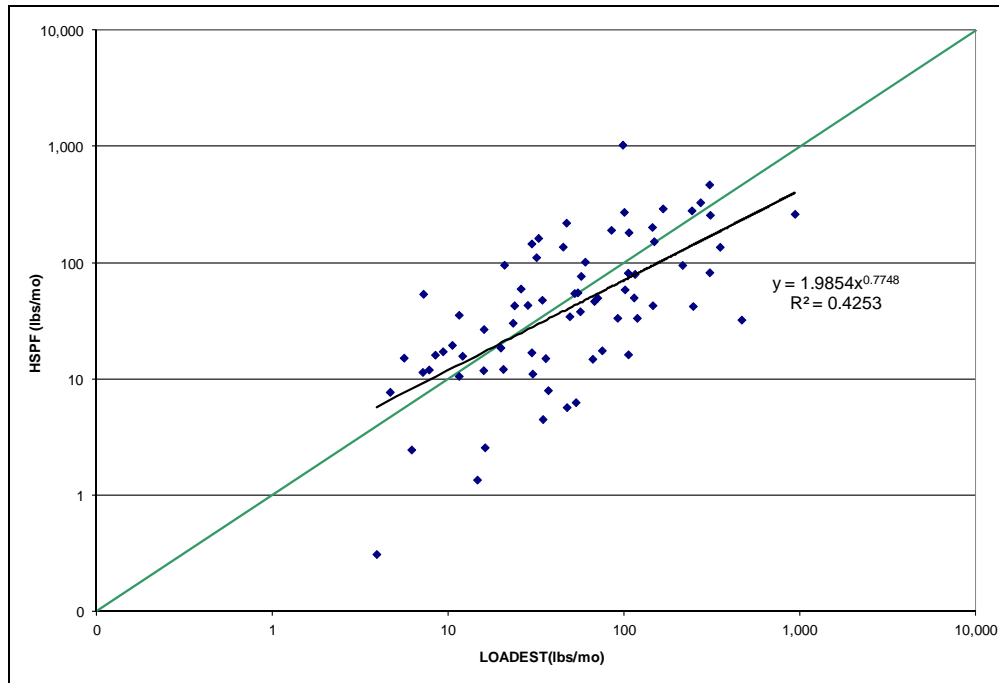


Figure A-47: Scatter Plot, ESTIMATOR and HSPF Monthly Ammonia Loads, Beaver Run

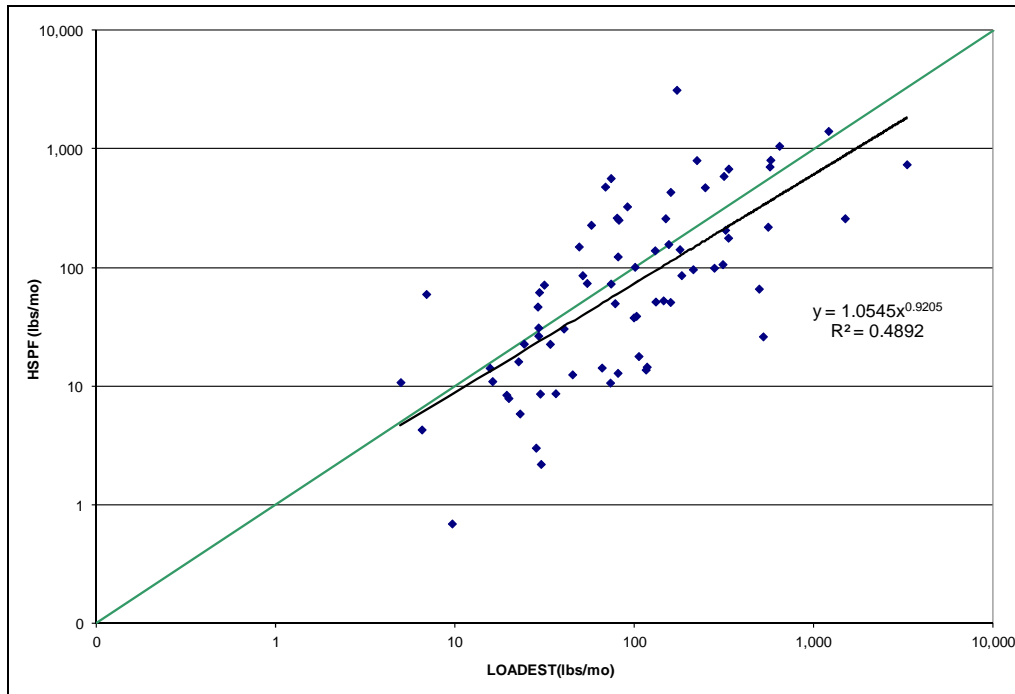


Figure A-48: Scatter Plot, ESTIMATOR and HSPF Monthly Ammonia Loads, Morgan Run

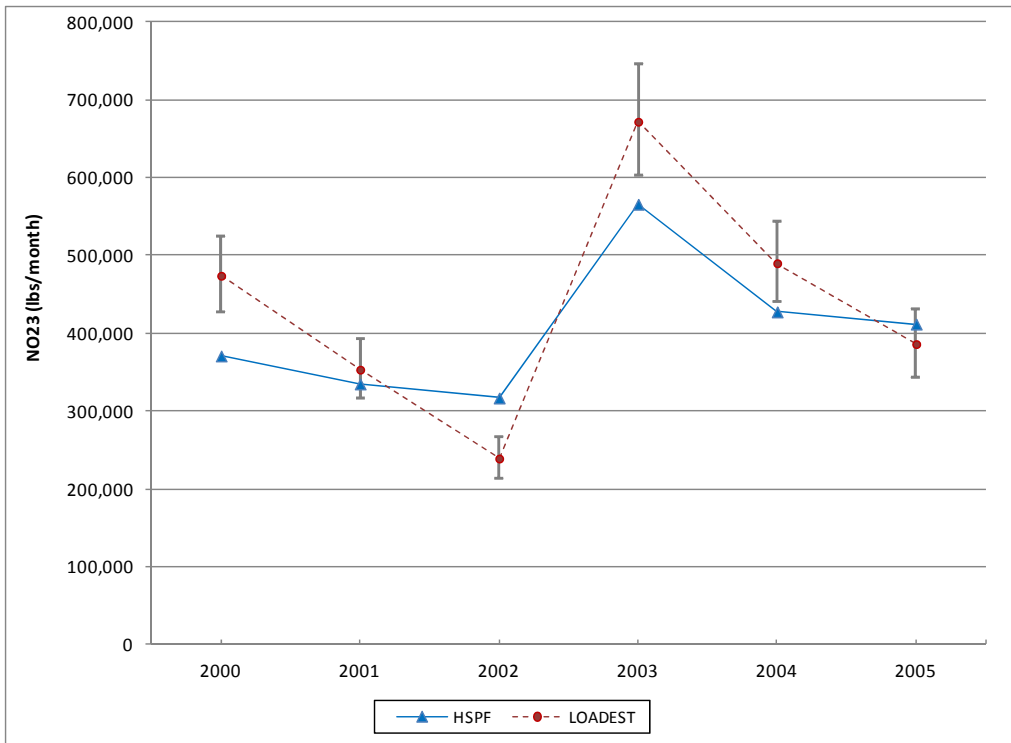


Figure A-49: Time Series of LOADEST and HSPF Annual Nitrate Loads, North Branch Patapsco River

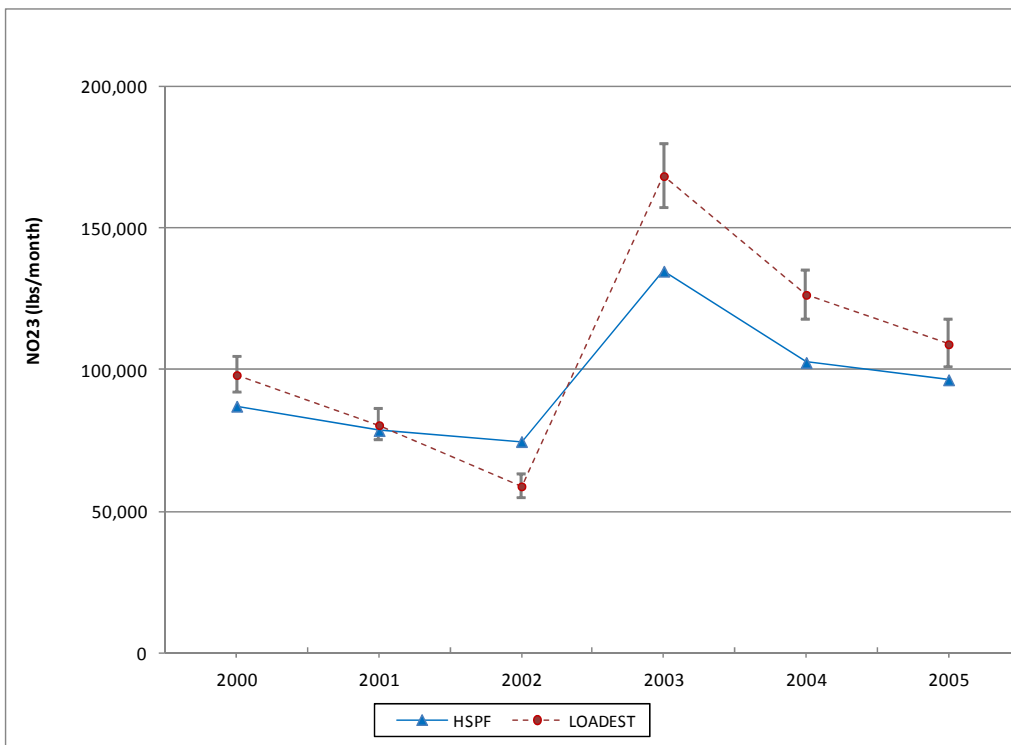


Figure A-50: Time Series of LOADEST and HSPF Annual Nitrate Loads, Beaver Run

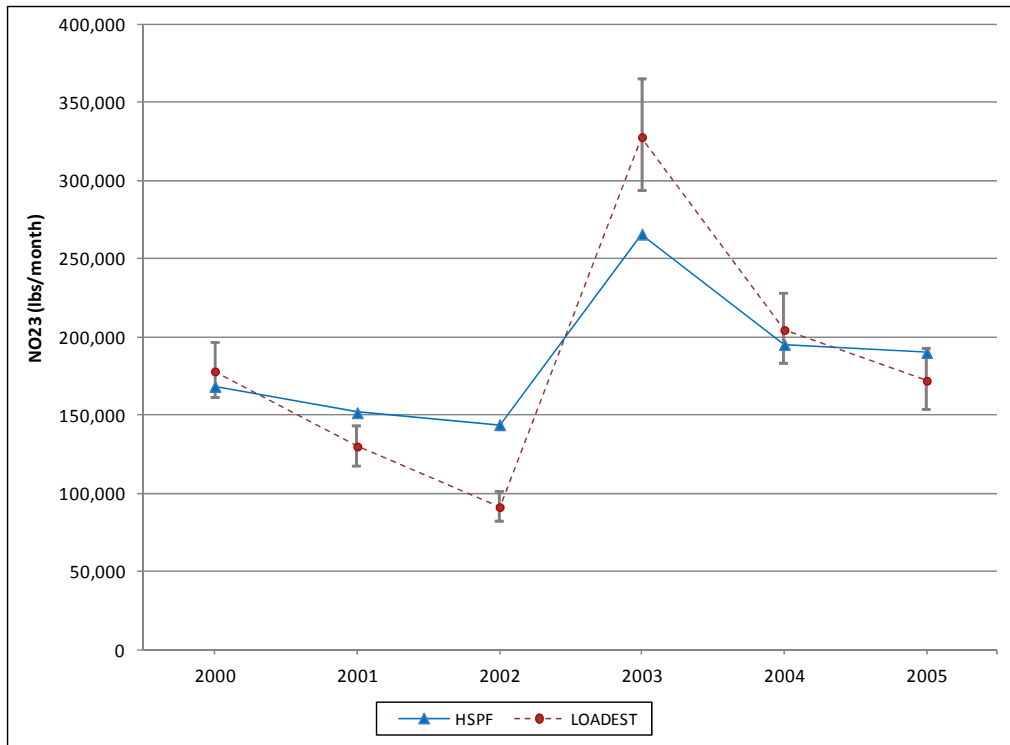


Figure A-51: Time Series of LOADEST and HSPF Annual Nitrate Loads, Morgan Run

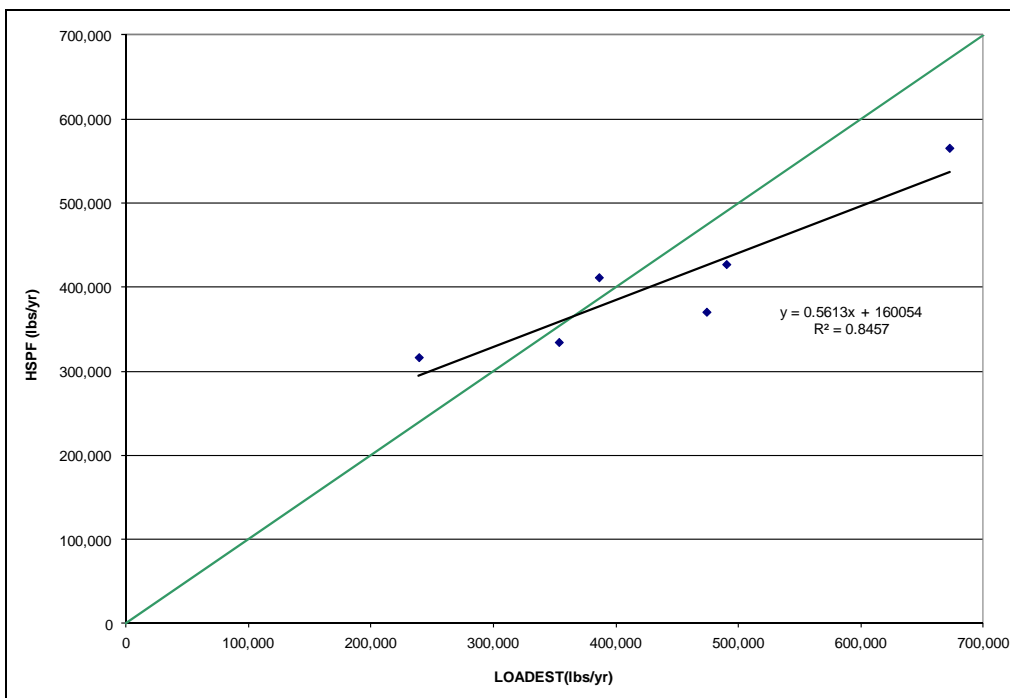


Figure A-52: Scatter Plot, ESTIMATOR and HSPF Annual Nitrate Loads, North Branch Patapsco River

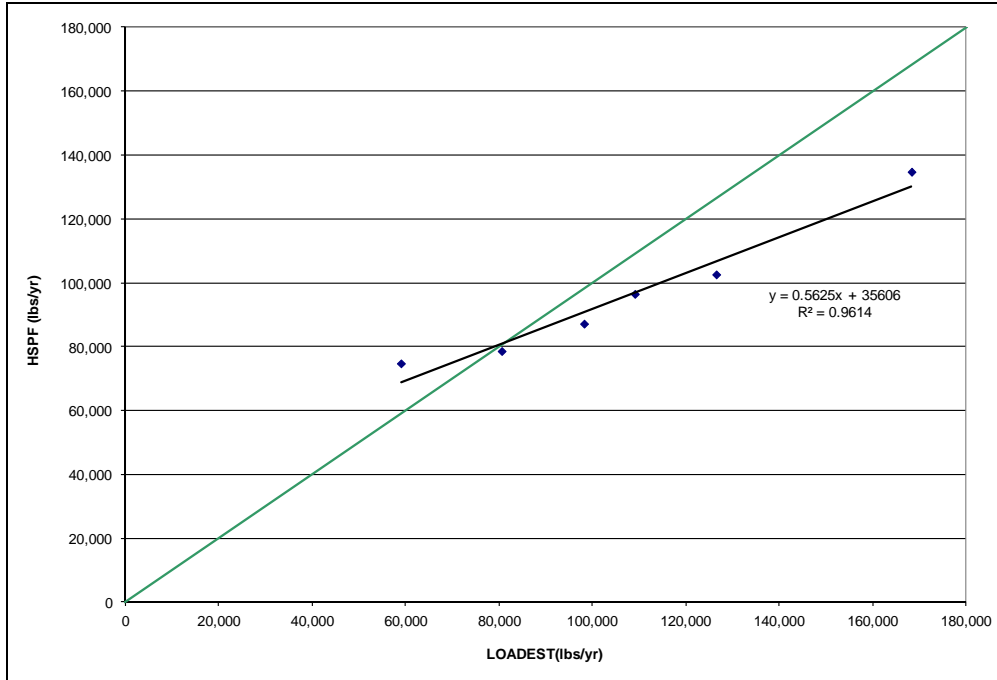


Figure A-53: Scatter Plot, ESTIMATOR and HSPF Annual Nitrate Loads, Beaver Run

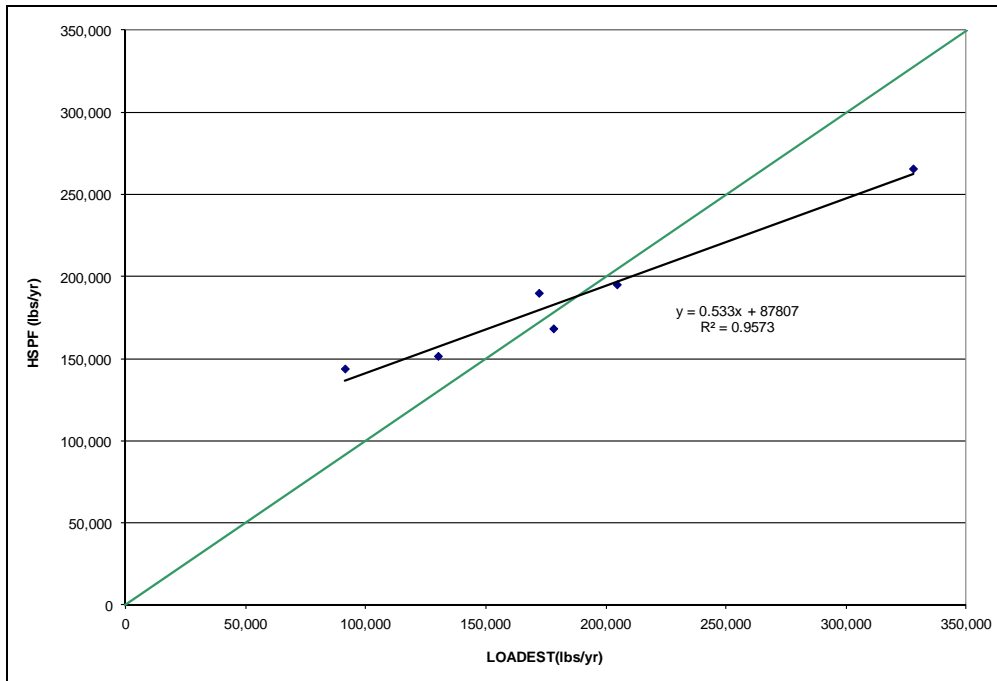


Figure A-54: Scatter Plot, ESTIMATOR and HSPF Annual Nitrate Loads, Morgan Run

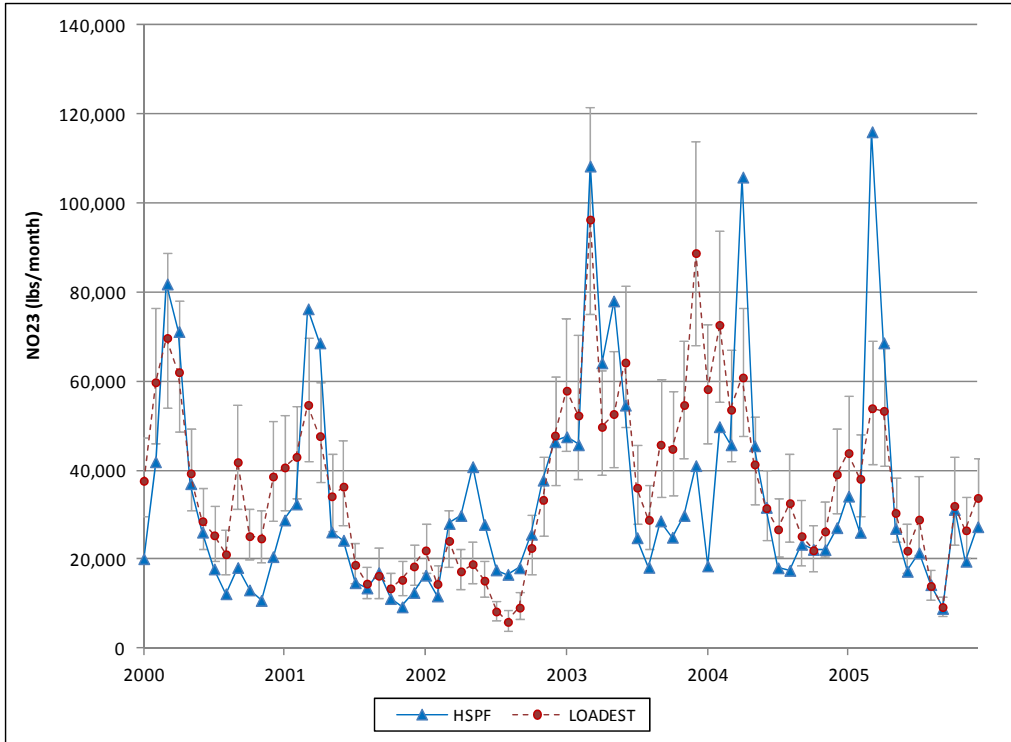


Figure A-55: Time Series of LOADEST and HSPF Monthly Nitrate Loads, North Branch Patapsco River

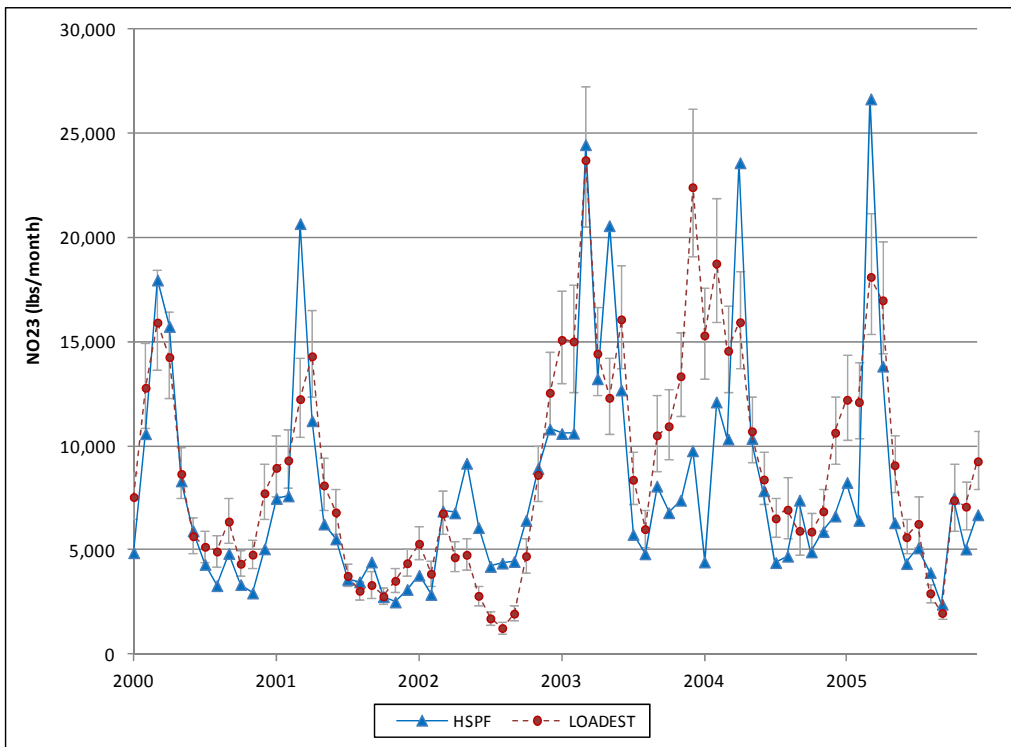


Figure A-56: Time Series of LOADEST and HSPF Monthly Nitrate Loads, Beaver Run

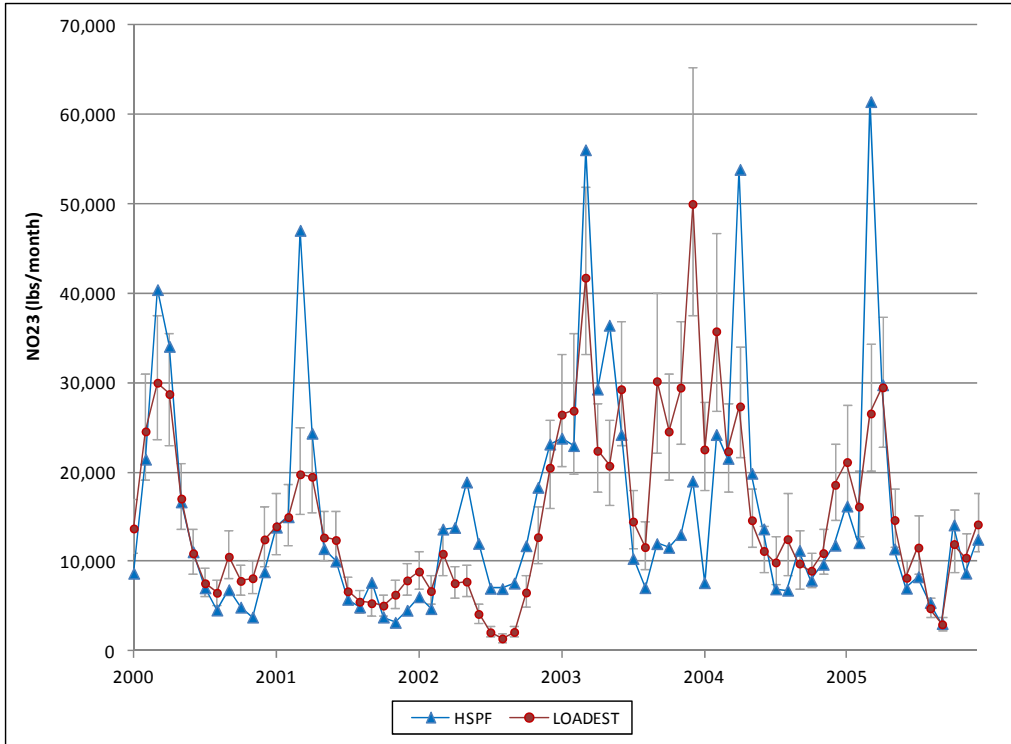


Figure A-57: Time Series of LOADEST and HSPF Monthly Nitrate Loads, Morgan Run

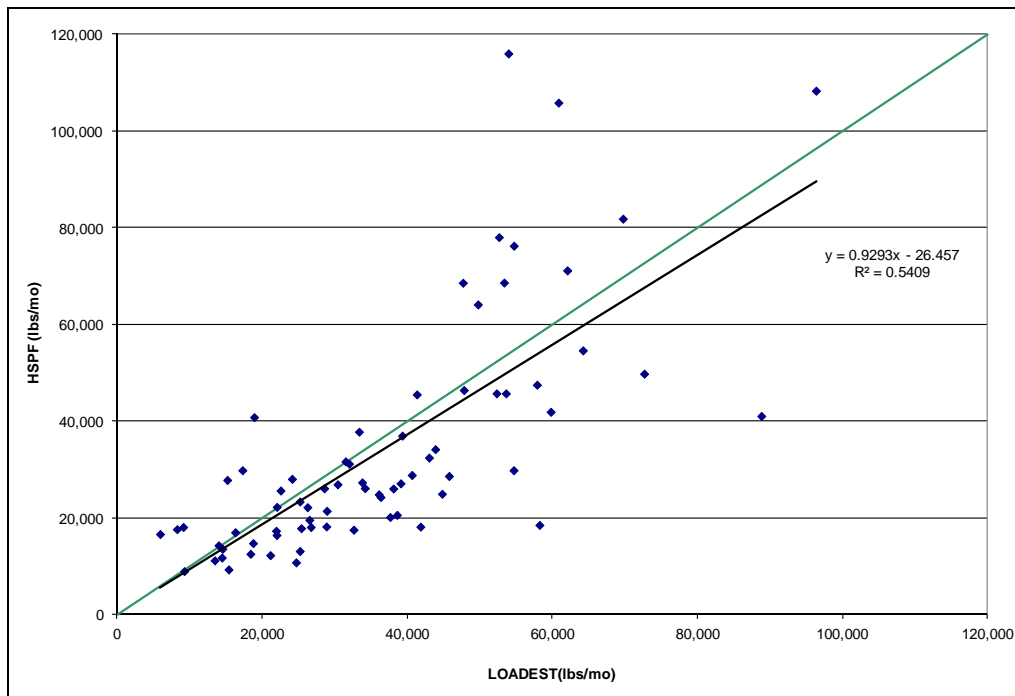


Figure A-58: Scatter Plot, ESTIMATOR and HSPF Monthly Nitrate Loads, North Branch Patapsco River

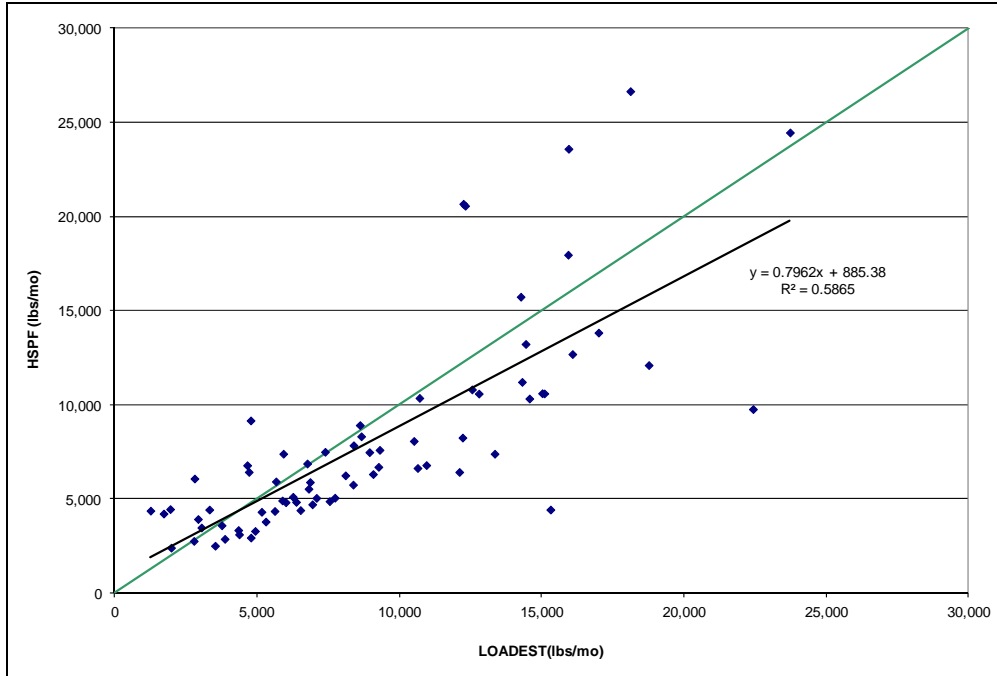


Figure A-59: Scatter Plot, ESTIMATOR and HSPF Monthly Nitrate Loads, Beaver Run

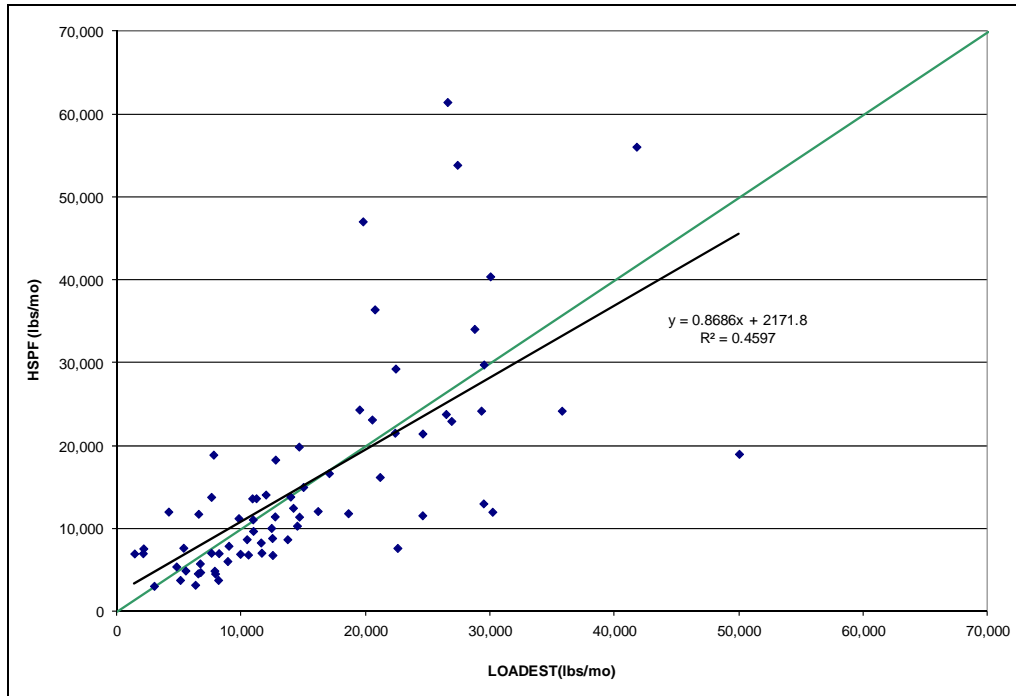


Figure A-60: Scatter Plot, ESTIMATOR and HSPF Monthly Nitrate Loads, Morgan Run