Appendix C

Hydrology and Water Quality Calibration and Validation Results

Hydrology Calibration

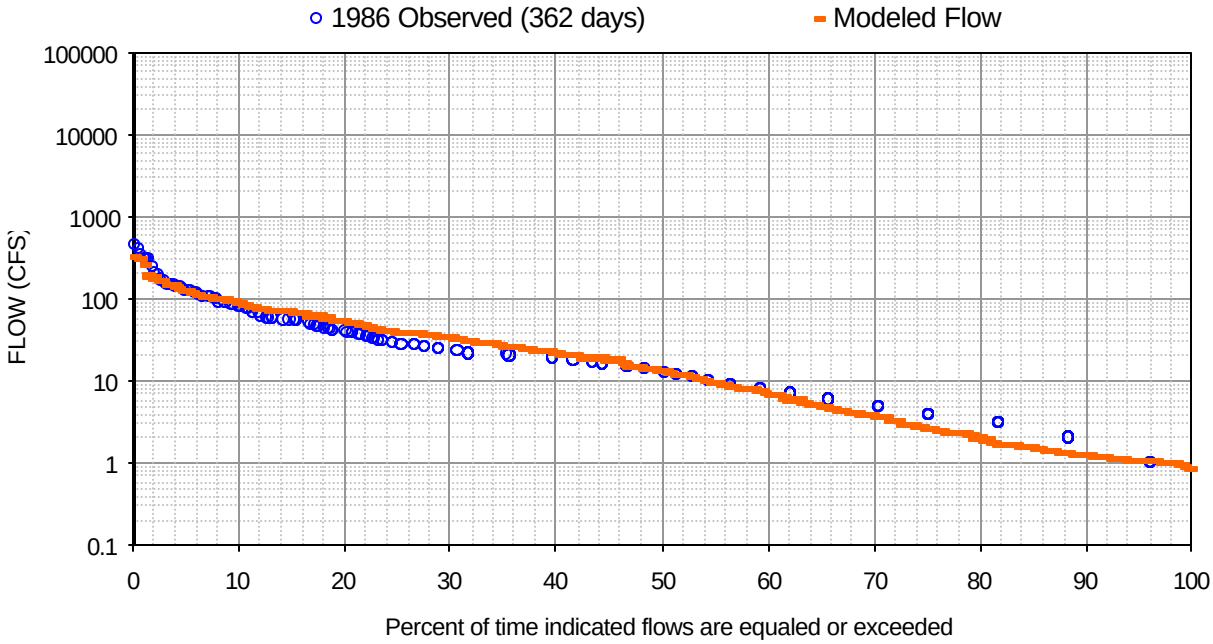

Figure C-1. Sand Run (USGS 3052500) flow-frequency curve for year 1986

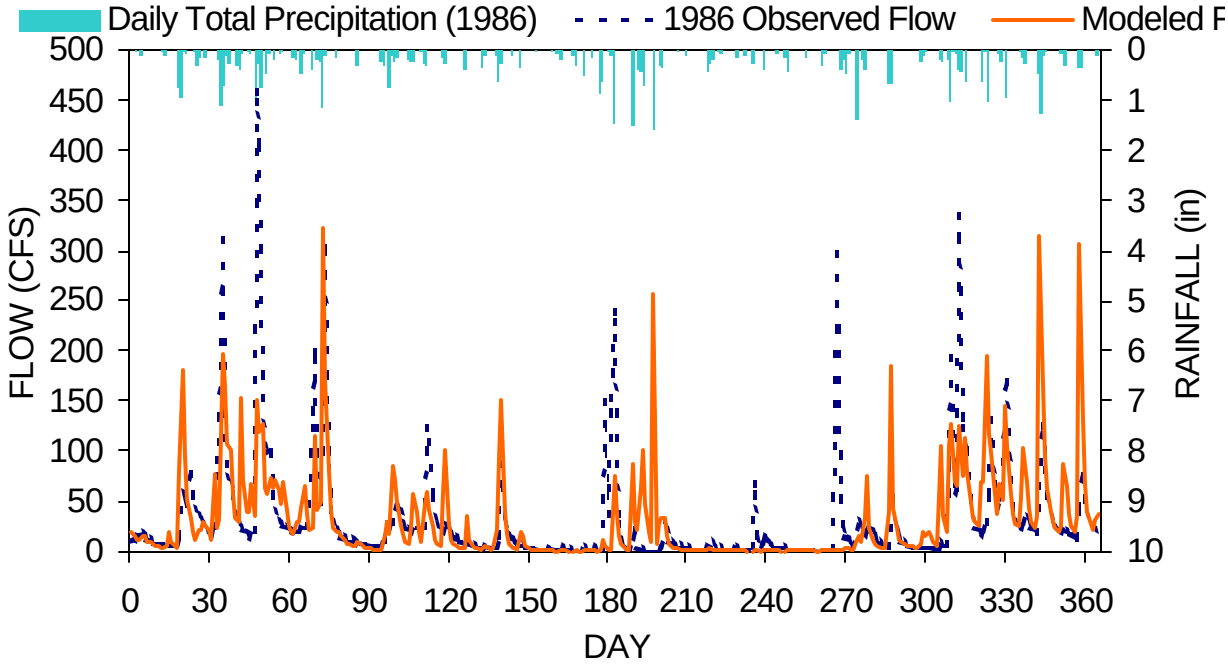

Figure C-2. Temporal calibration results for Sand Run (USGS 3052500) for year 1986

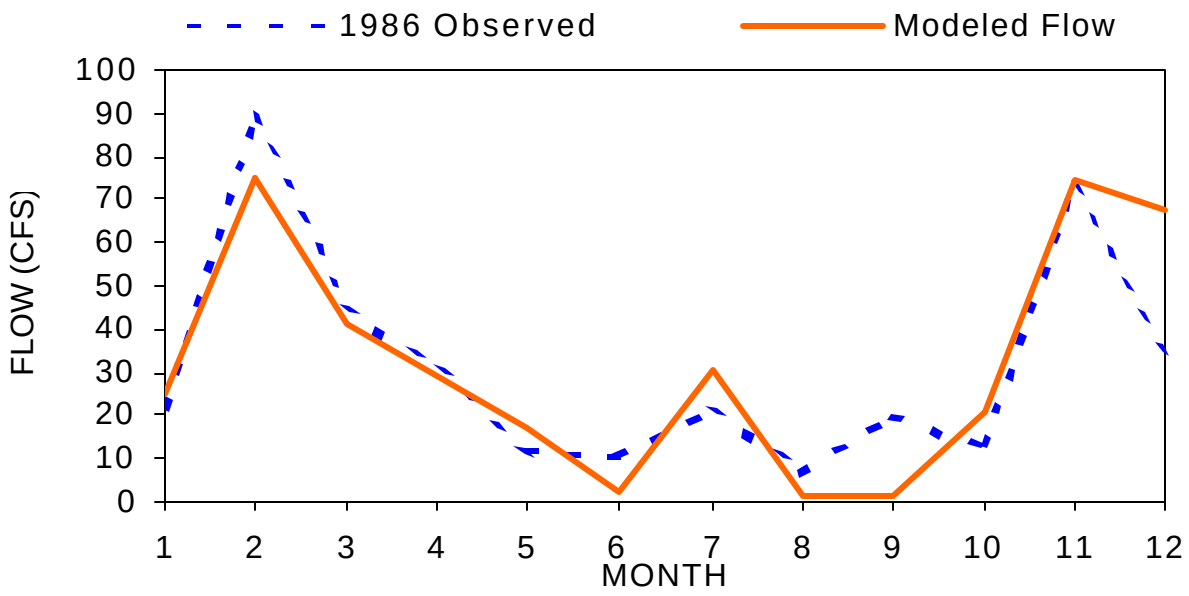

Figure C-3. Temporal calibration results for Sand Run (USGS 3052500) for year 1986

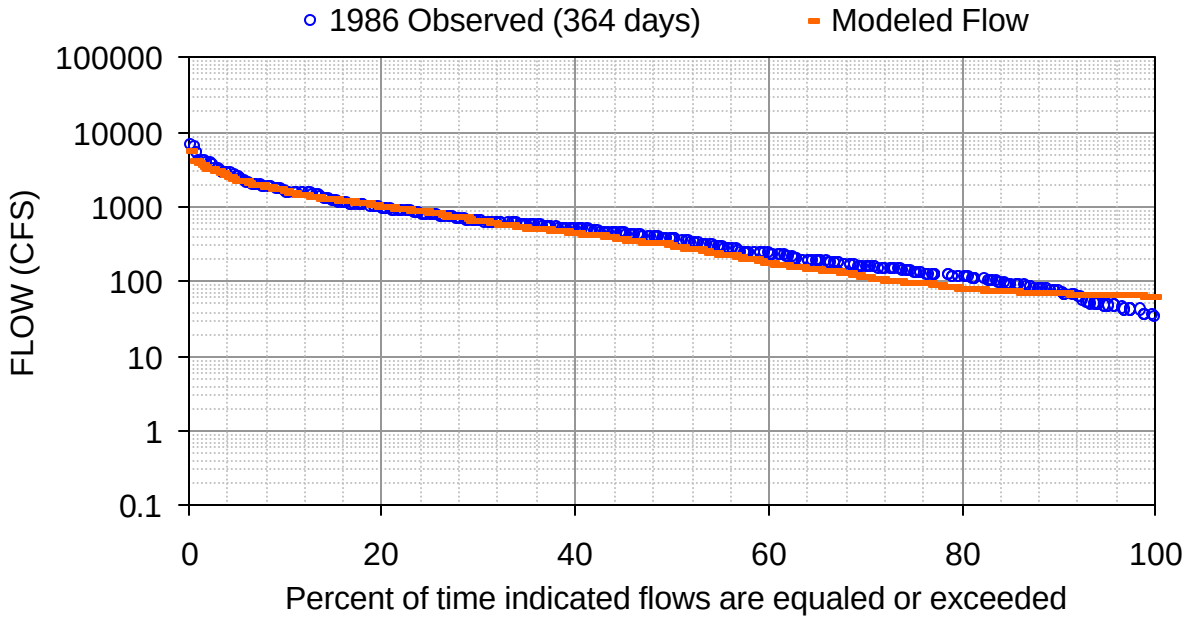

Figure C-4. Buckhannon River (USGS 3053500) flow-frequency curve for year 1986

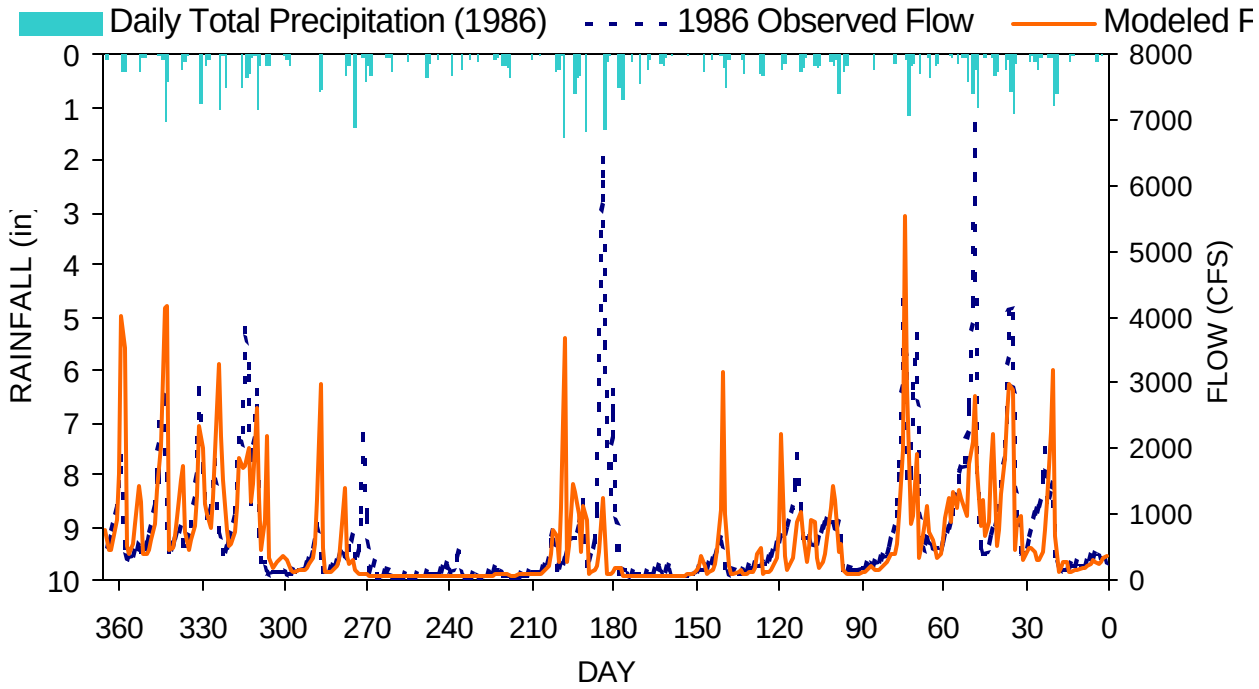

Figure C-5. Temporal calibration results for Buckhannon River (USGS 3053500) for year 1986

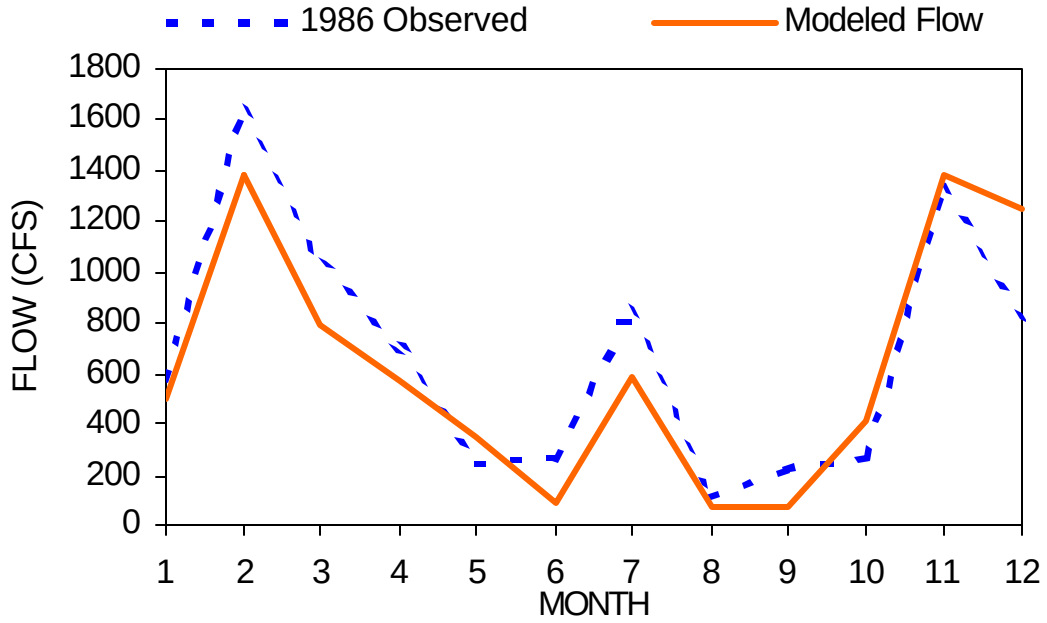

Figure C-6. Temporal calibration results for Buckhannon River (USGS 3053500) for year 1986

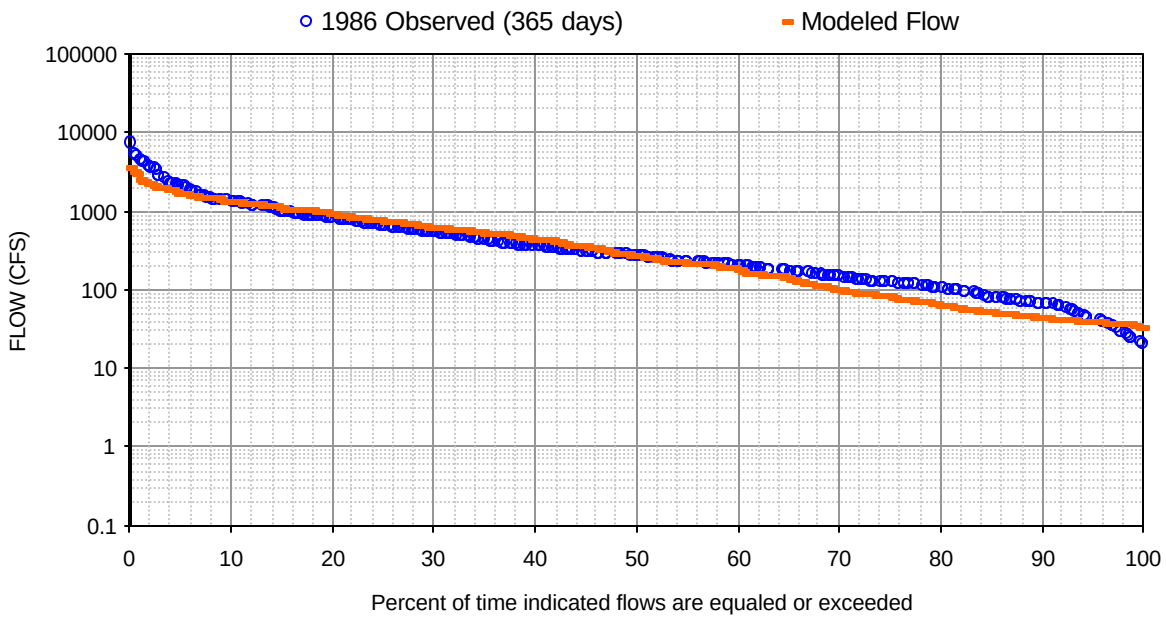

Figure C-7. Tygart Valley River (USGS 3050500) flow-frequency curve for year 1986

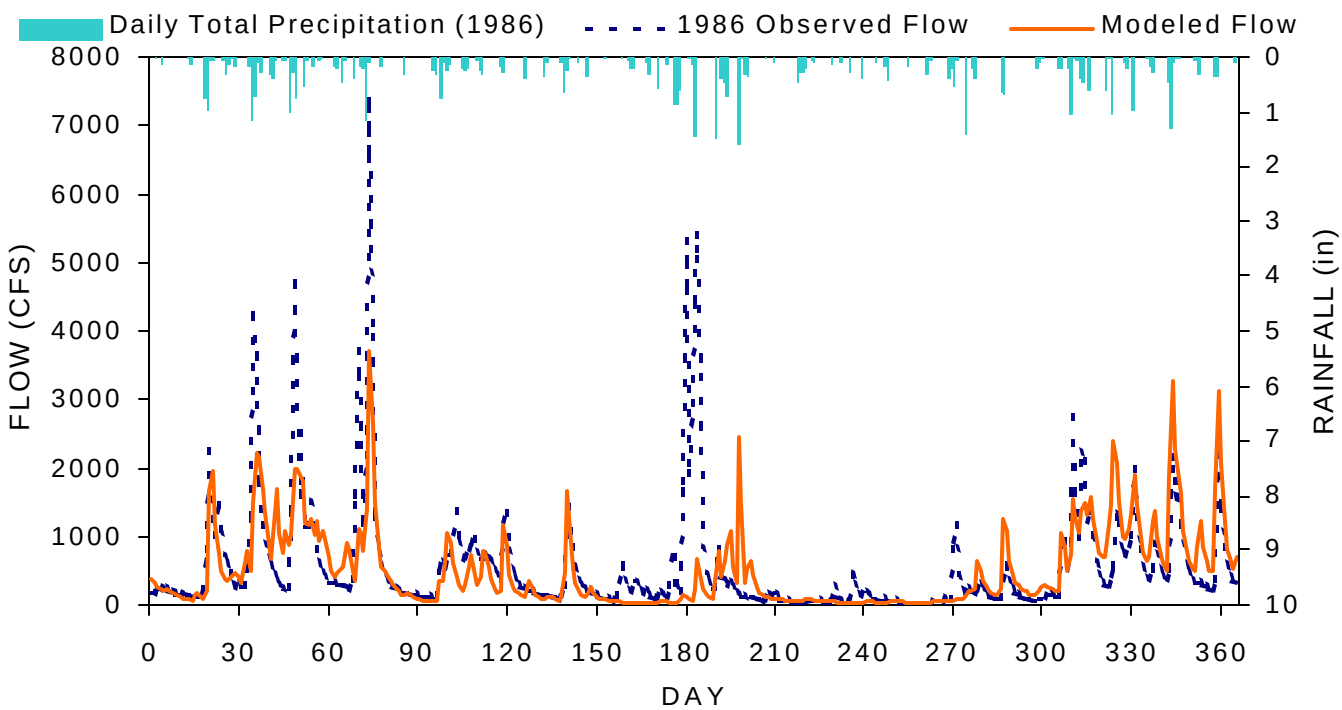

Figure C-8. Temporal calibration results for the Tygart Valley River (USGS 3050500) for year 1986

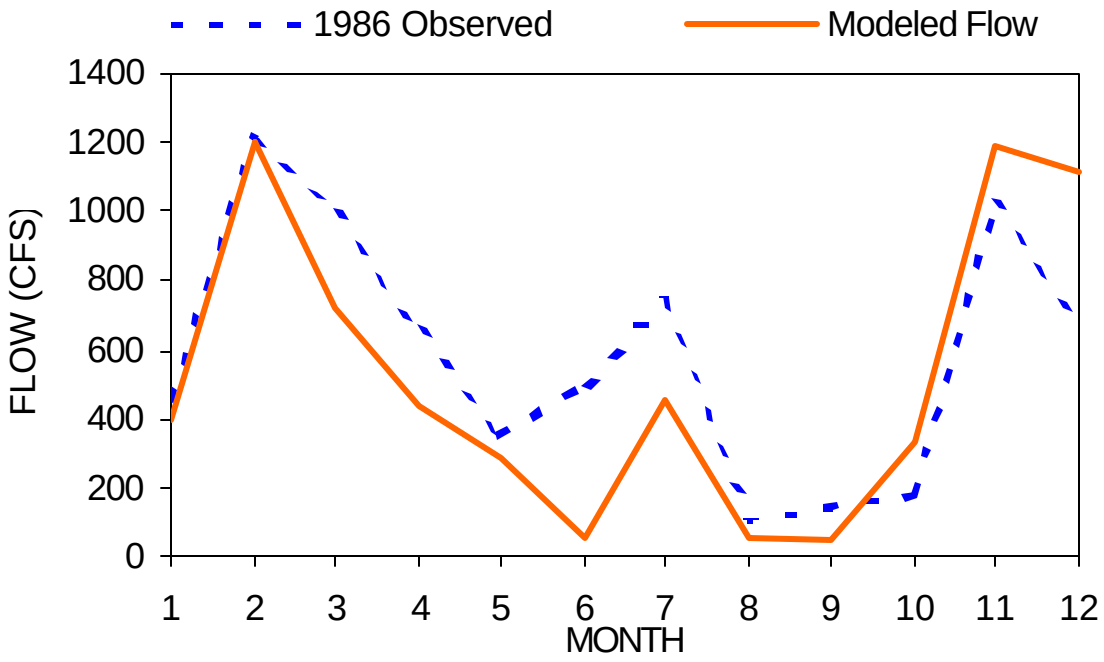

Figure C-9. Temporal calibration results for the Tygart Valley River (USGS 3050500) for year 1986

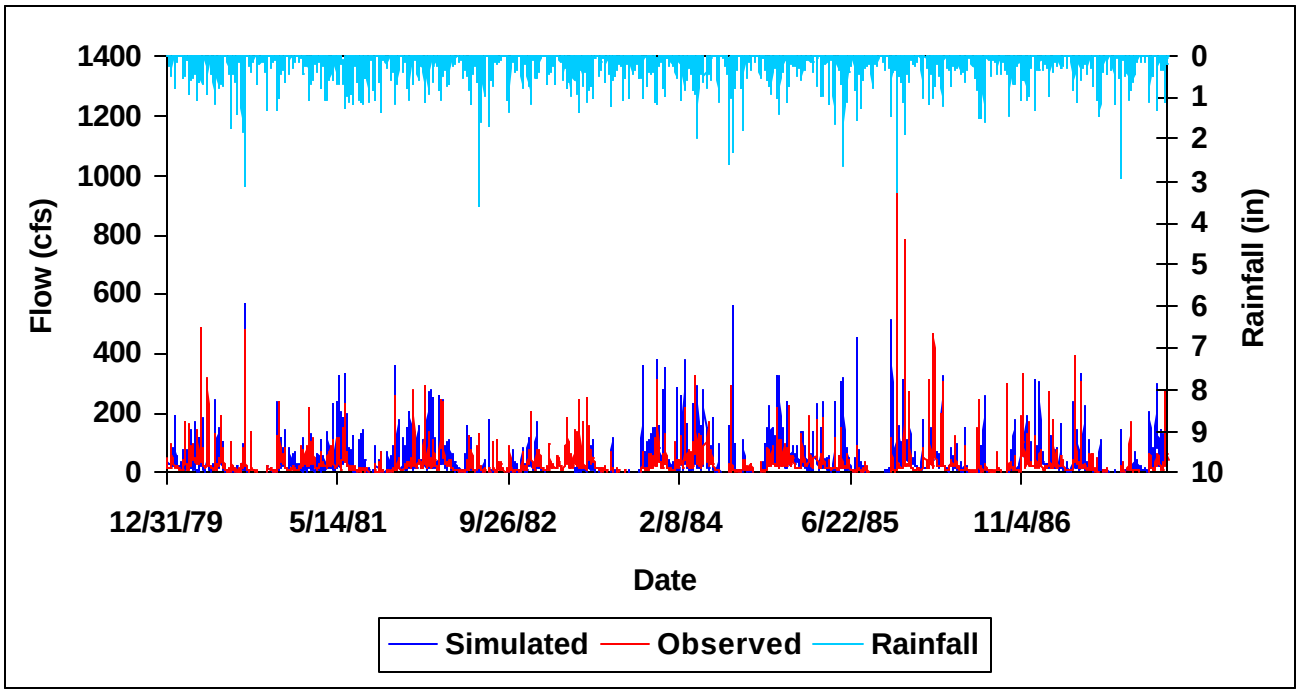

Figure C-10. Sand Run (USGS 3052500) validation

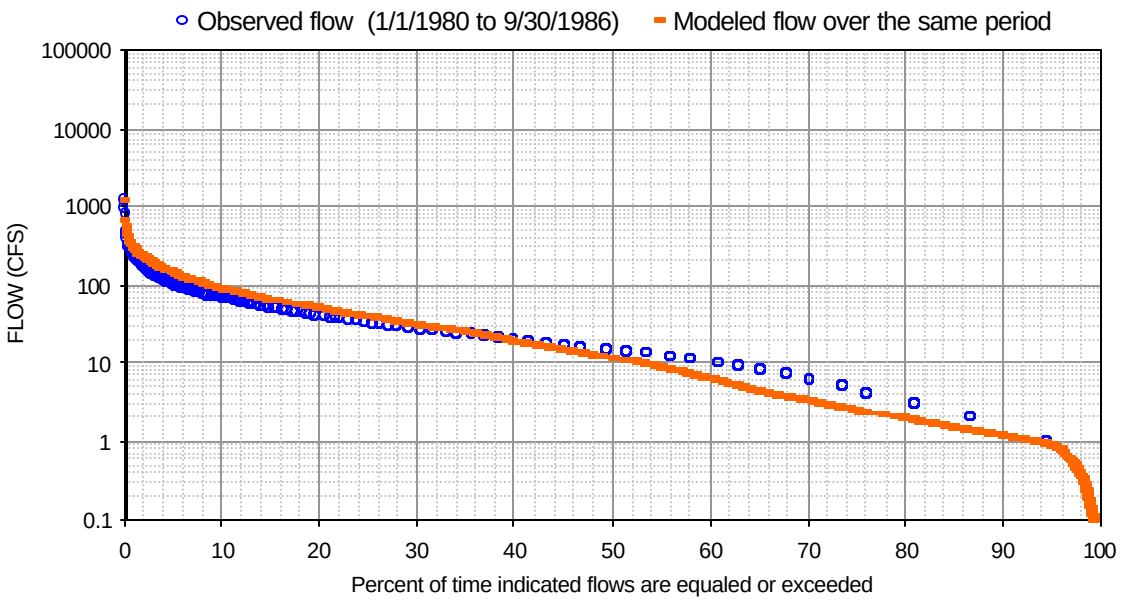

Figure C-11. Sand Run (USGS 3052500) flow-frequency validation

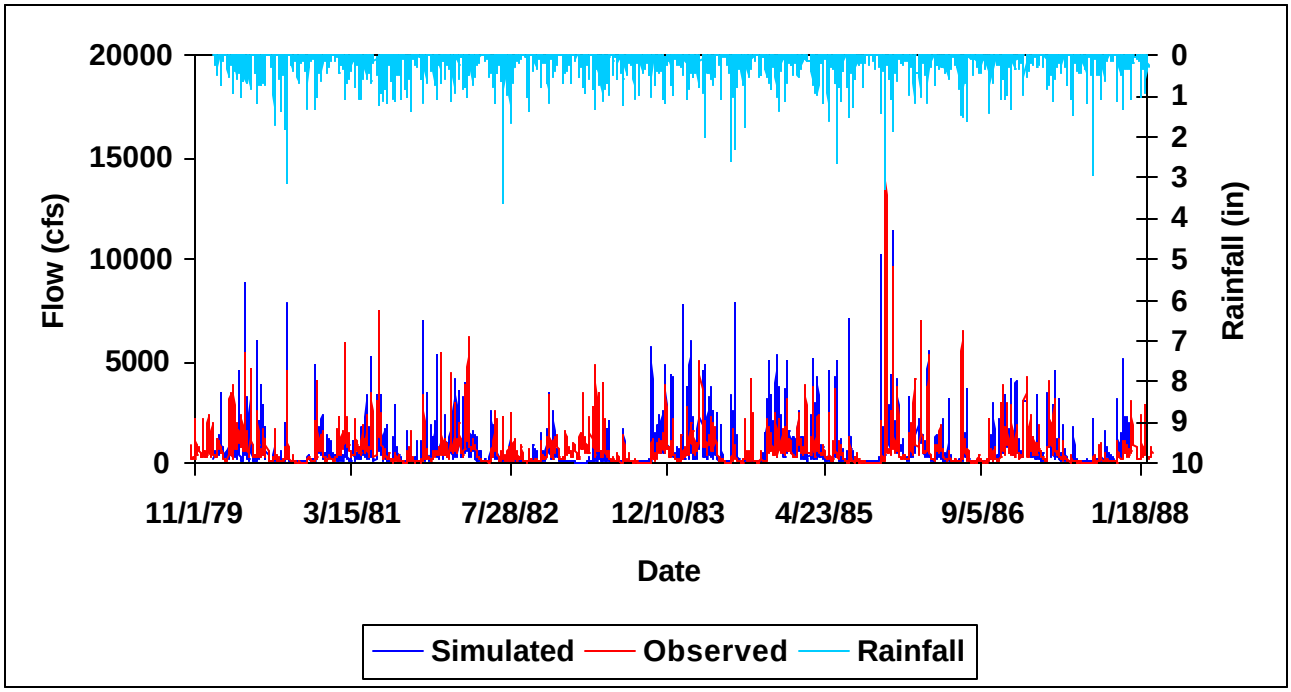

Figure C-12. Buckhannon River (USGS 3053500) validation

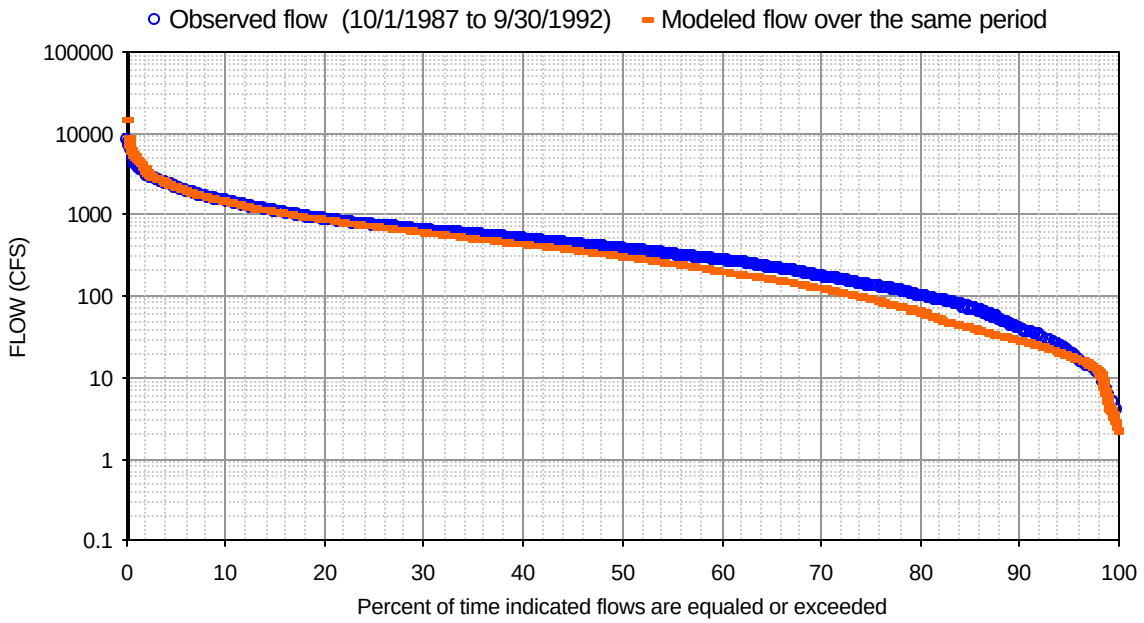

Figure C-13. Buckhannon River (USGS 3053500) flow-frequency validation

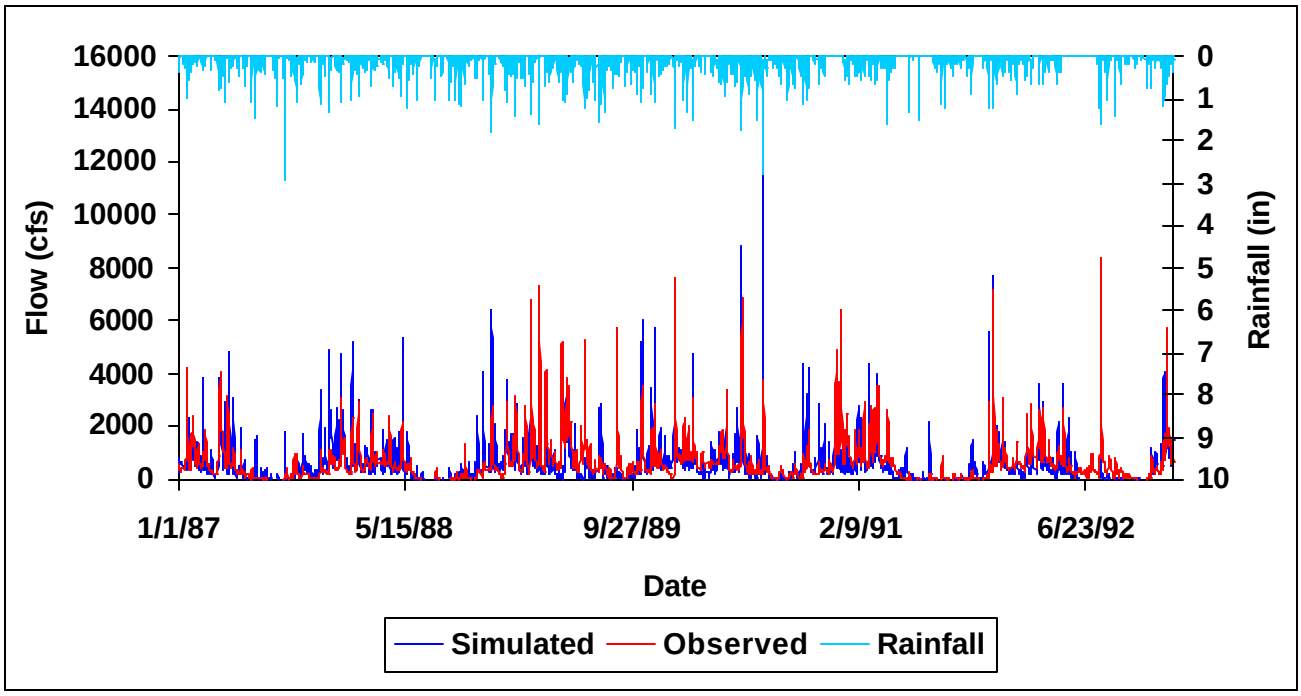

Figure C-14. Tygart Valley River (USGS 3050500) validation

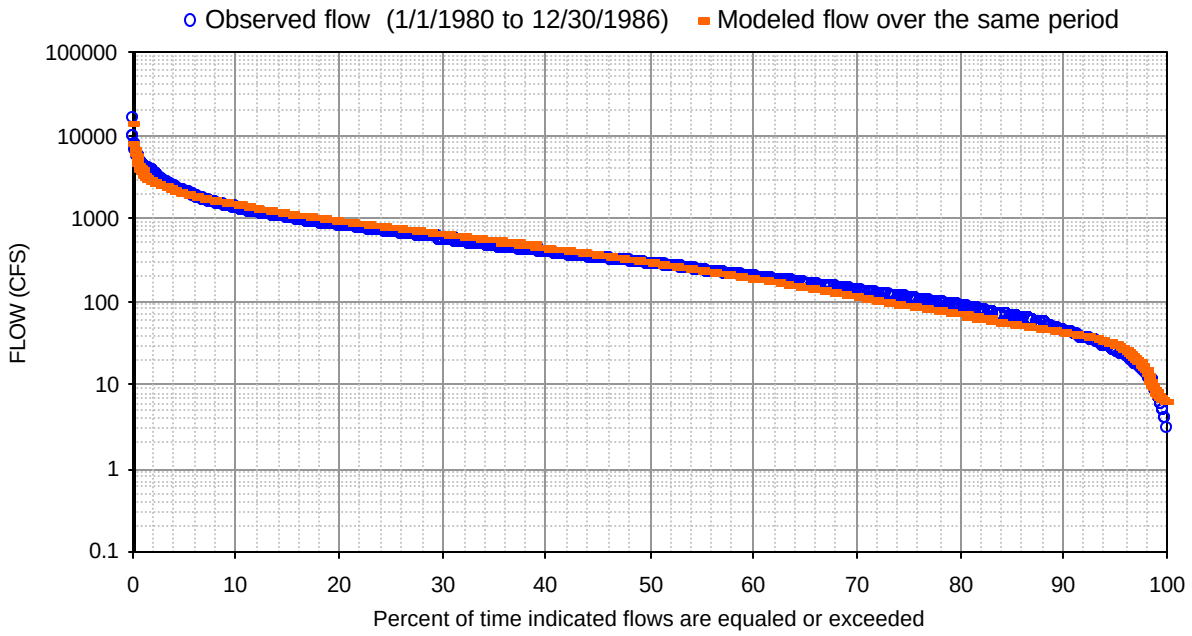

Figure C-15. Tygart Valley River (USGS 3050500) flow-frequency validation

Water Quality Calibration

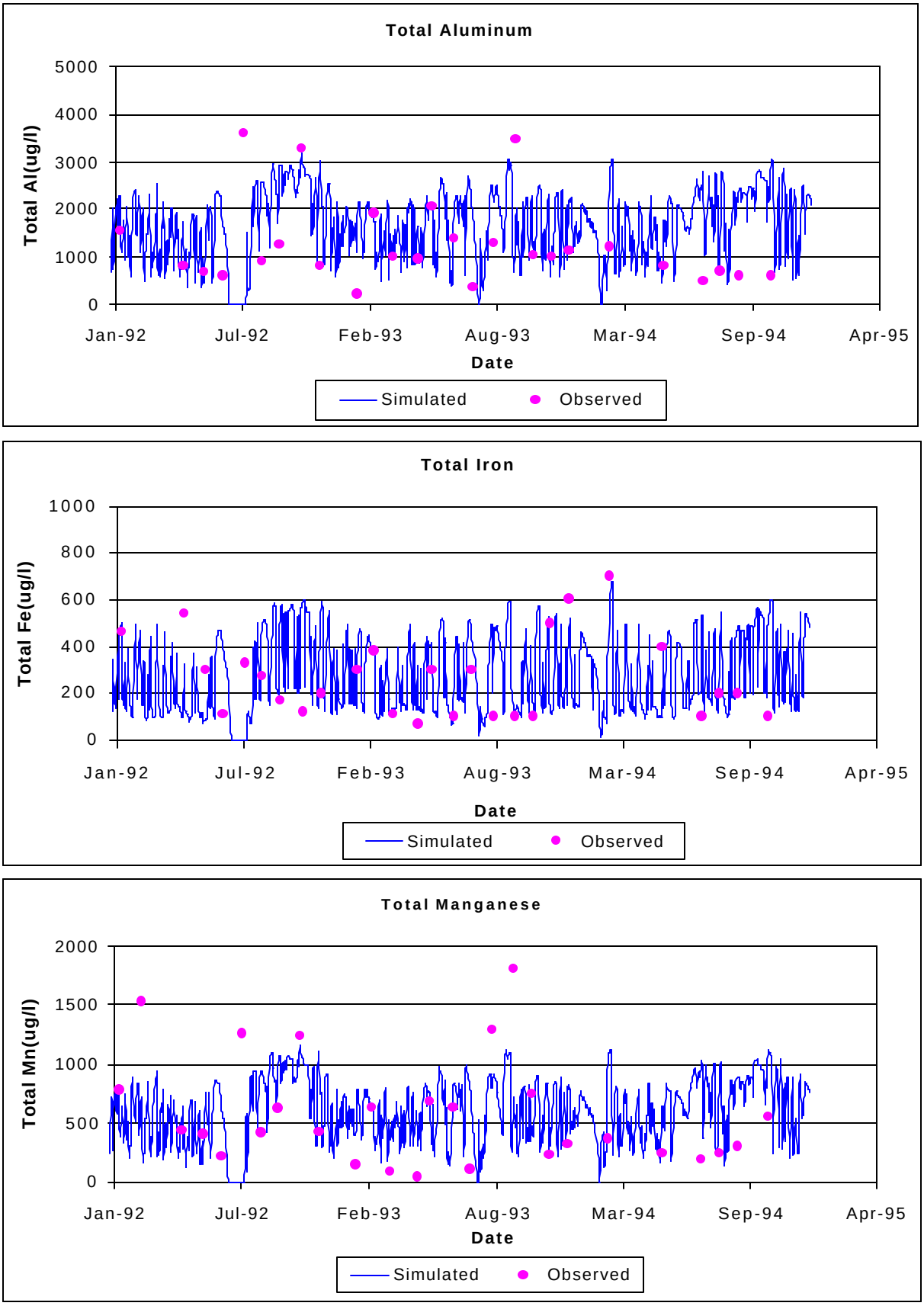

Figure C-16. Water quality calibration at Middle Fork River below Cassity (551115)

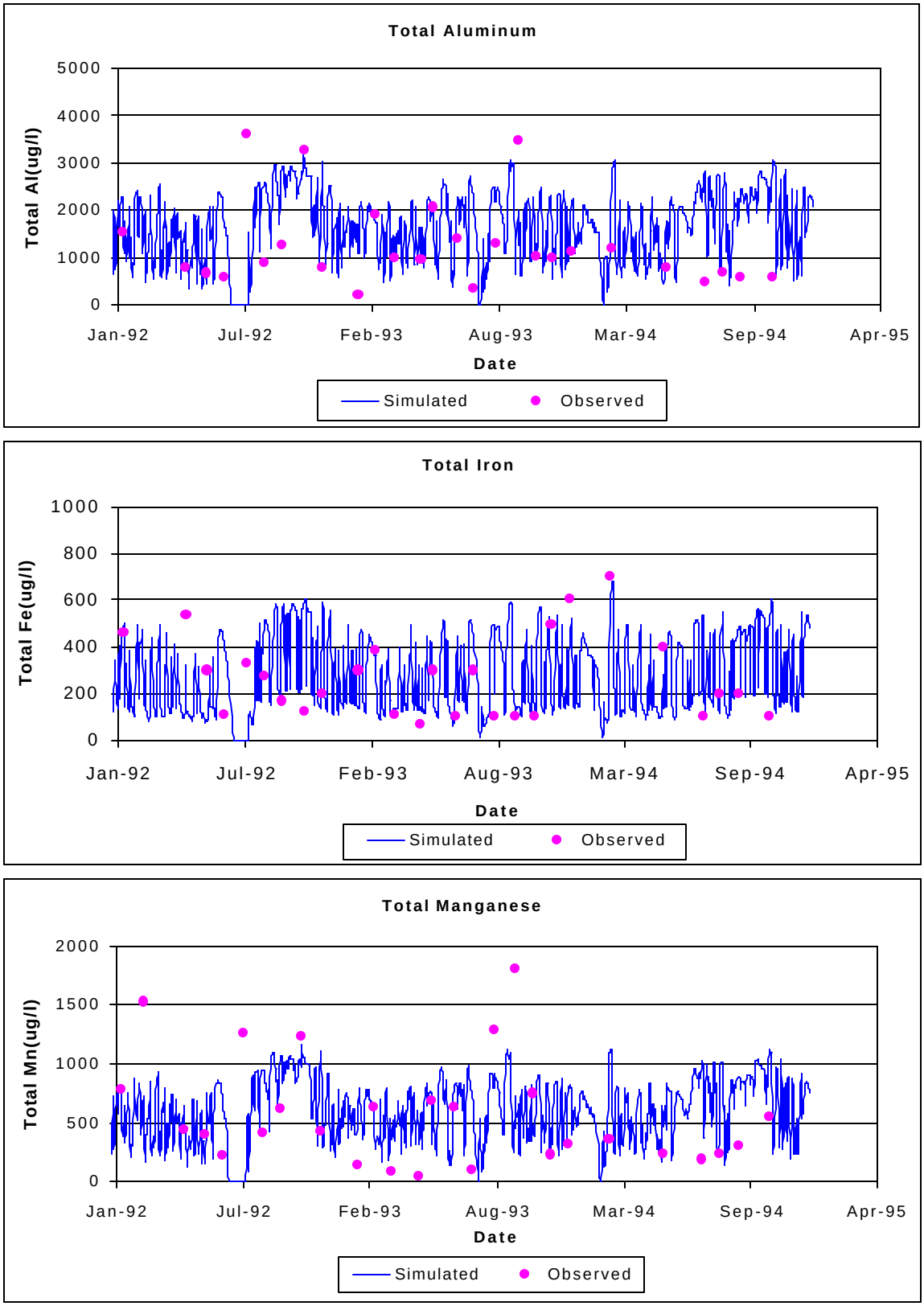

Figure C-17. Water quality calibration at the Middle Fork River above Long Run (551114)

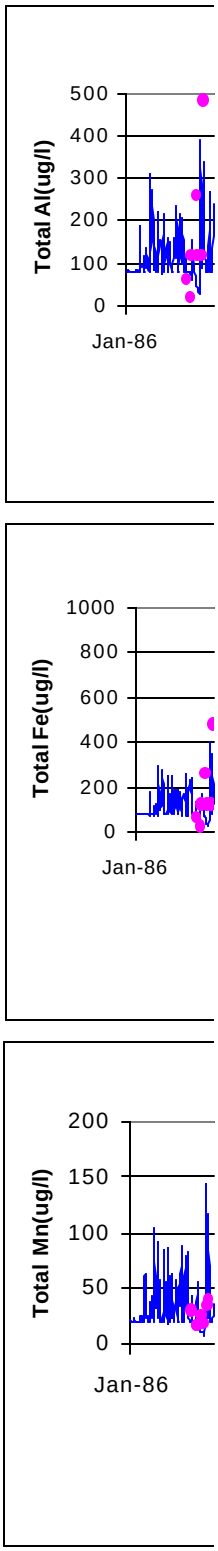

Figure C-18. Wat

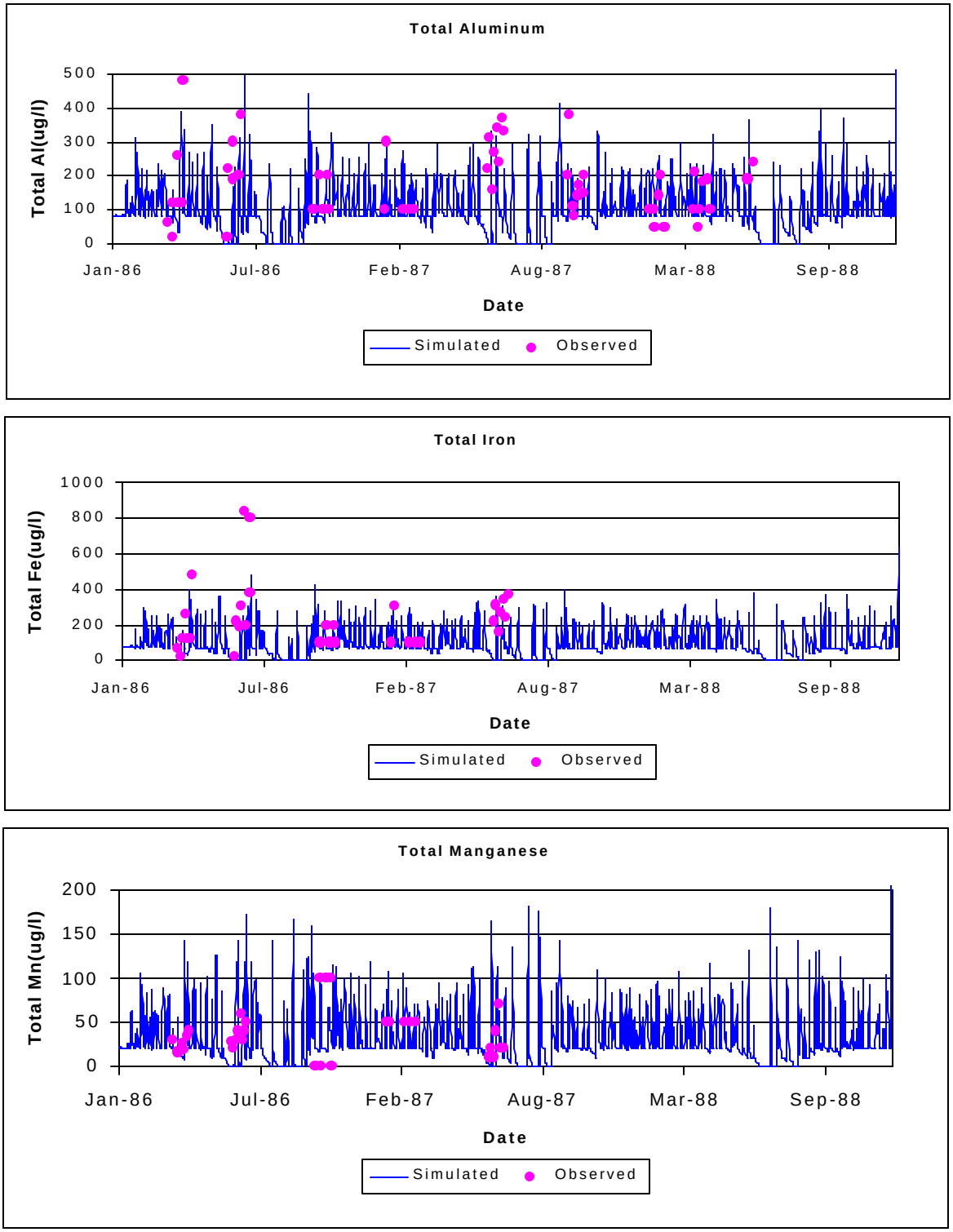

Figure C-19. Water quality calibration at Right Fork of the Buckhannon River (550809)

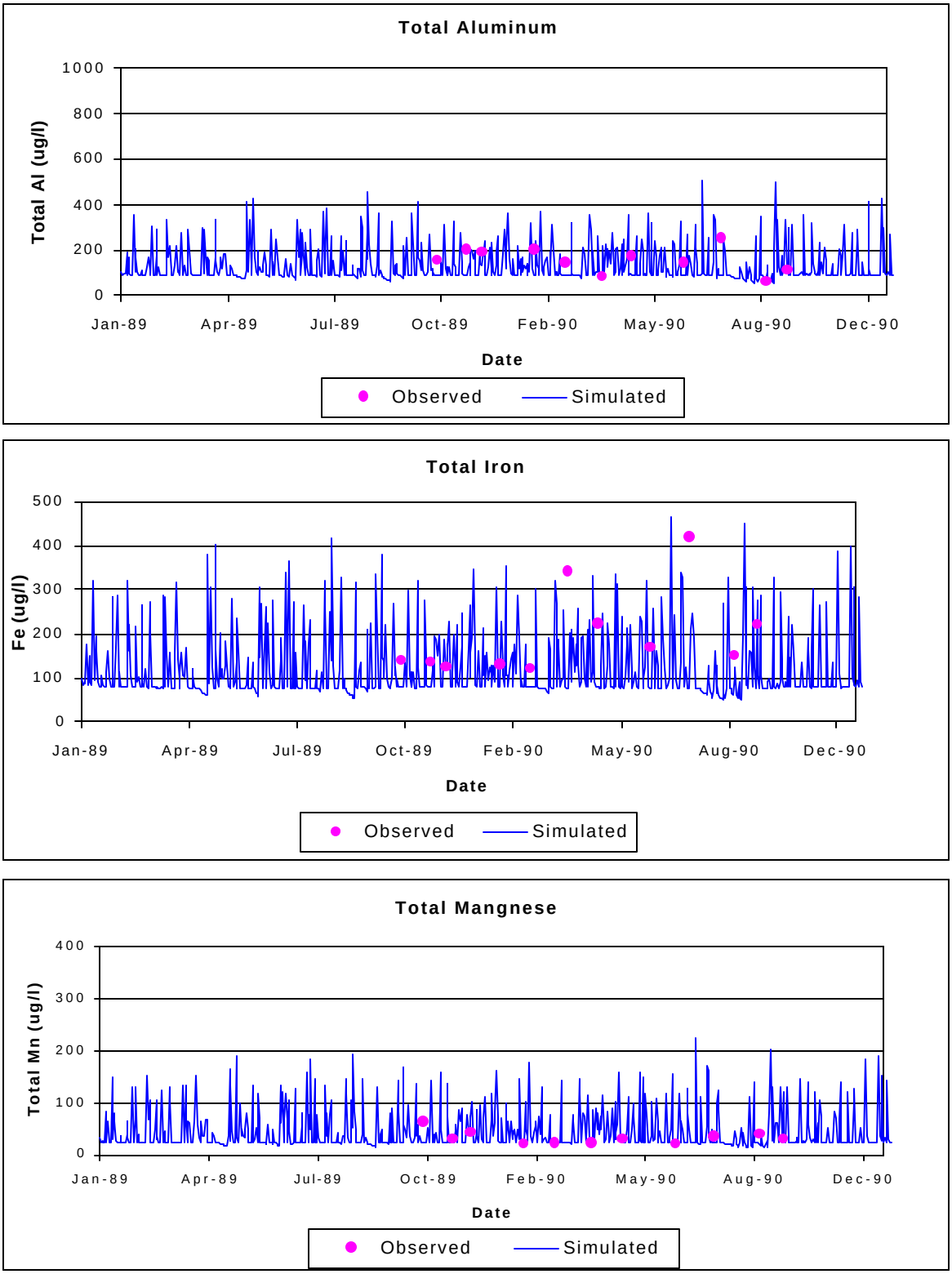

Figure C-20. Water quality calibration at Teter Creek (550980)