

**Appendix G:
Sulfate Calibration and Validation Results**

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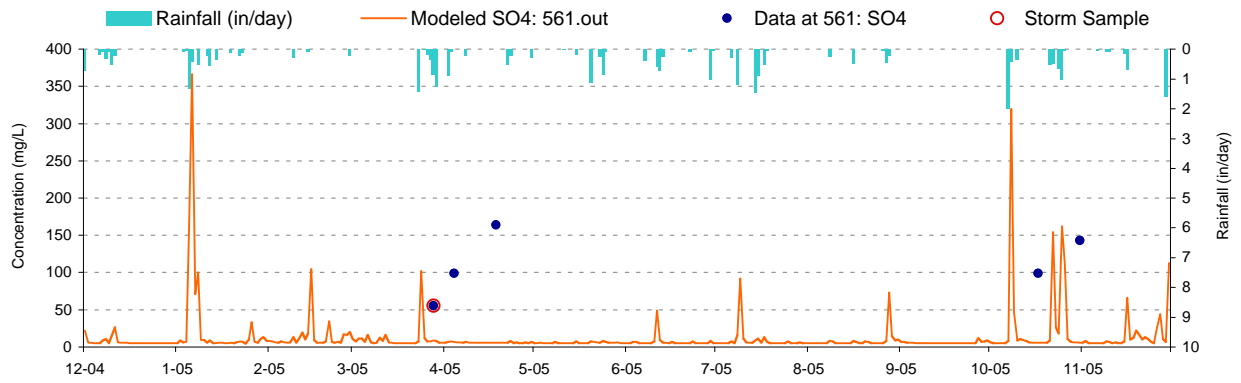


Figure G-1. Sulfate calibration plot for UT to Jennings Run (WM-33/UJN0005)

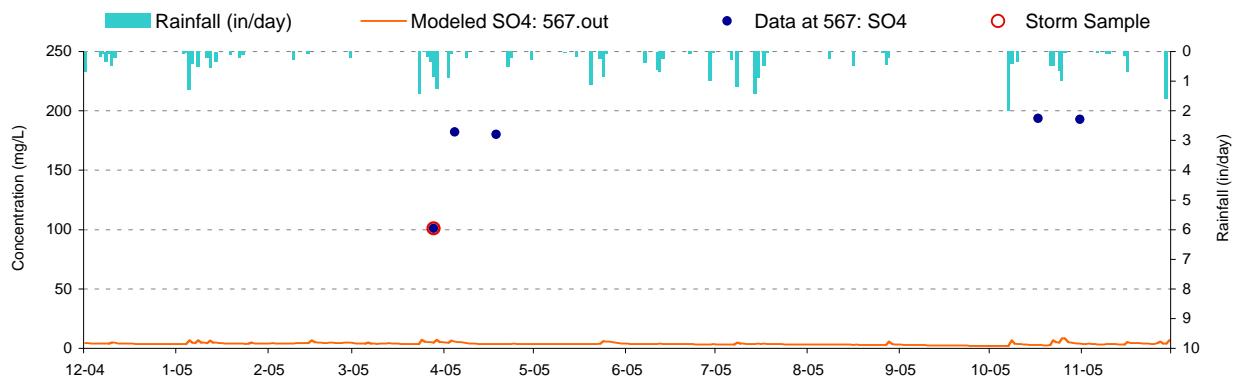


Figure G-2. Sulfate calibration plot for UT to Jennings Run (WM-34/UJH0015)

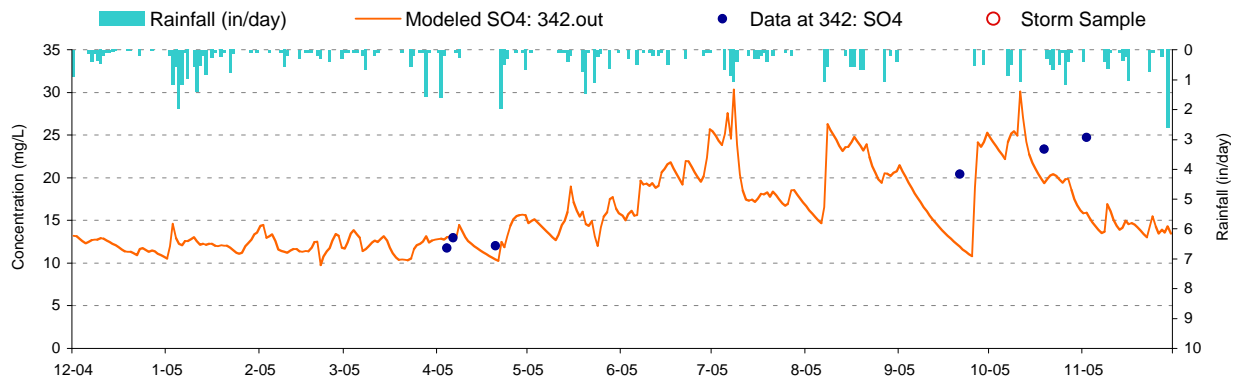


Figure G-3. Sulfate calibration plot for Three Forks Run (WM-42/TFR0021)

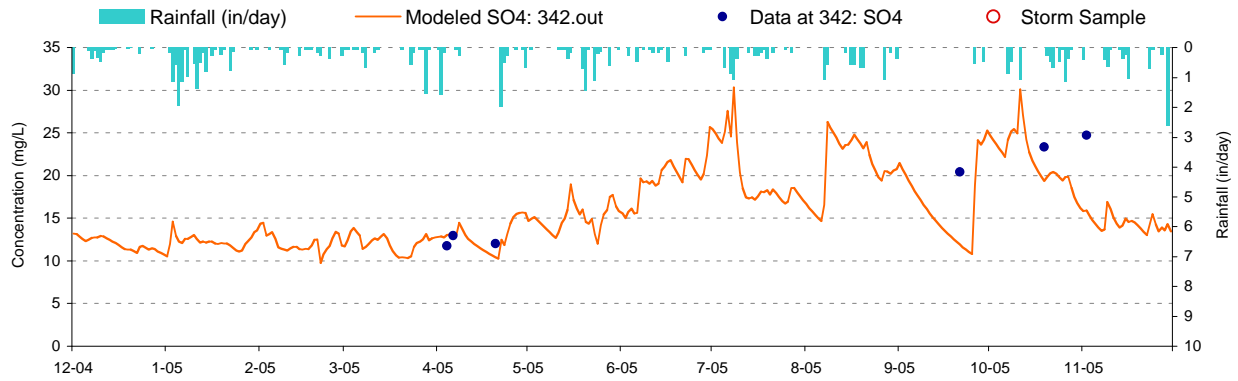


Figure G-4. Sulfate calibration plot for Wolfden Run (WM-43/WOL0004)

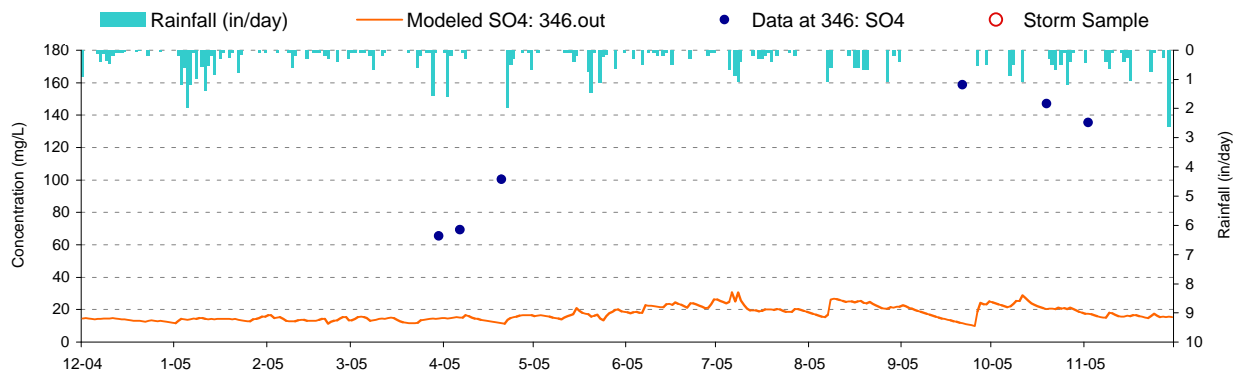


Figure G-5. Sulfate calibration plot for Elklick Run (WM-45/EKL0003)

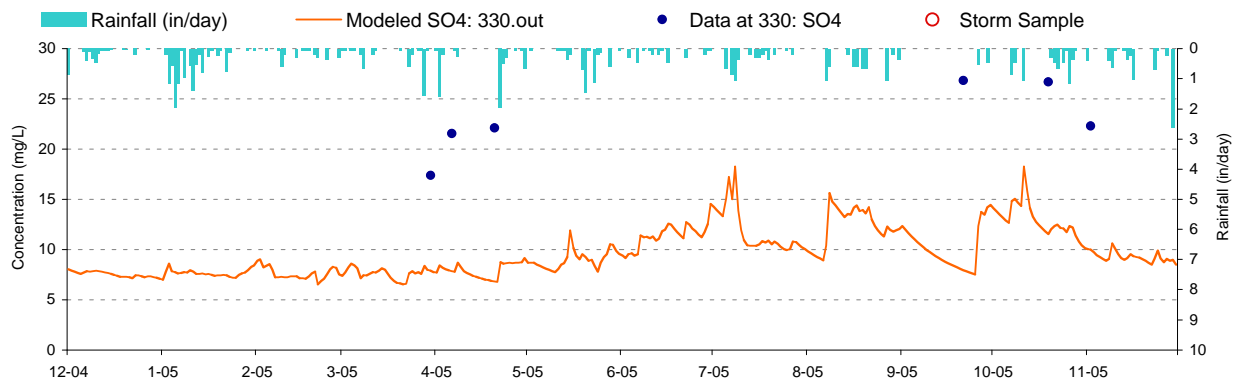


Figure G-6. Sulfate calibration plot for North Prog Lostland Run (WM-50/NPL0001)

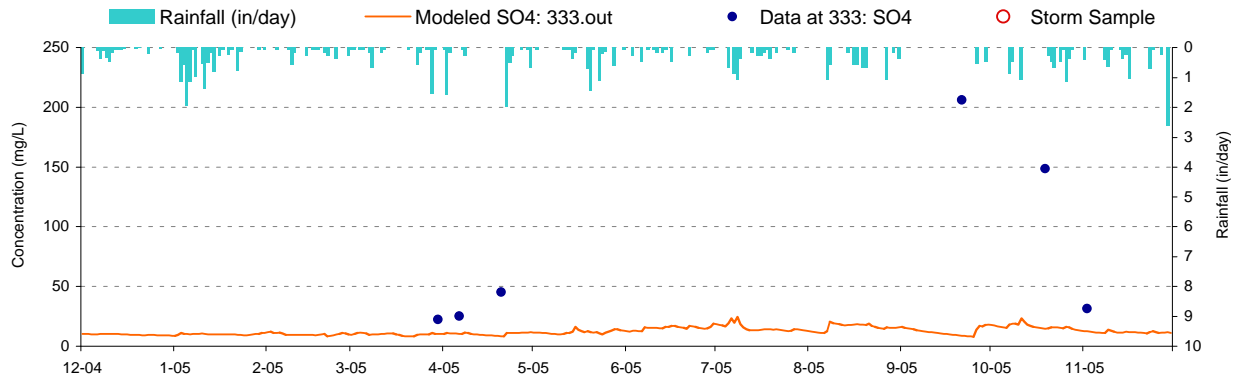


Figure G-7. Sulfate calibration plot for South Prong Lostland Run (WM-51/SPL0016)

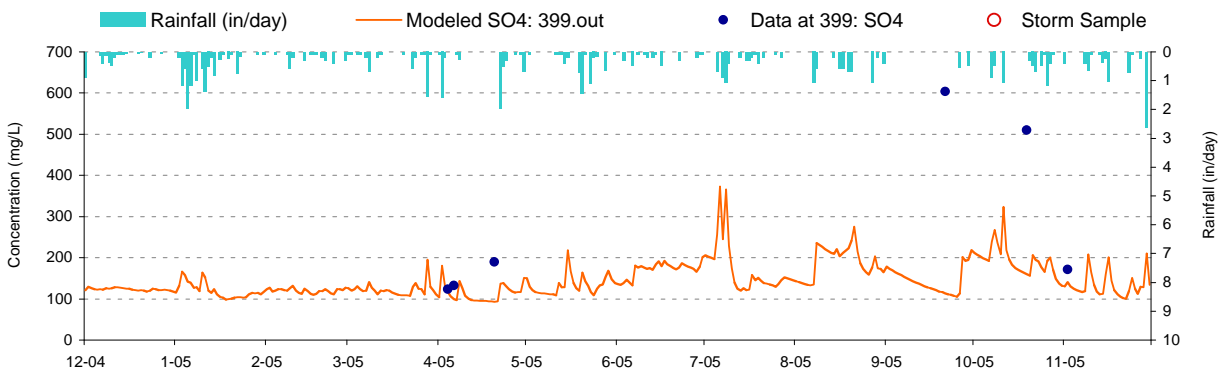


Figure G-8. Sulfate calibration plot for Three Forks Run (WM-54/TFR0016)

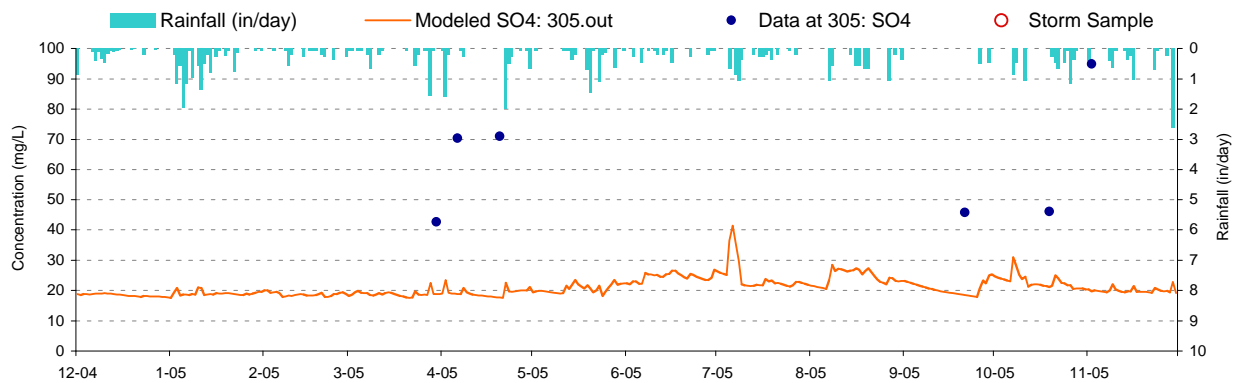


Figure G-9. Sulfate calibration plot for UT to Laurel Run (WM-62/ULF0003)

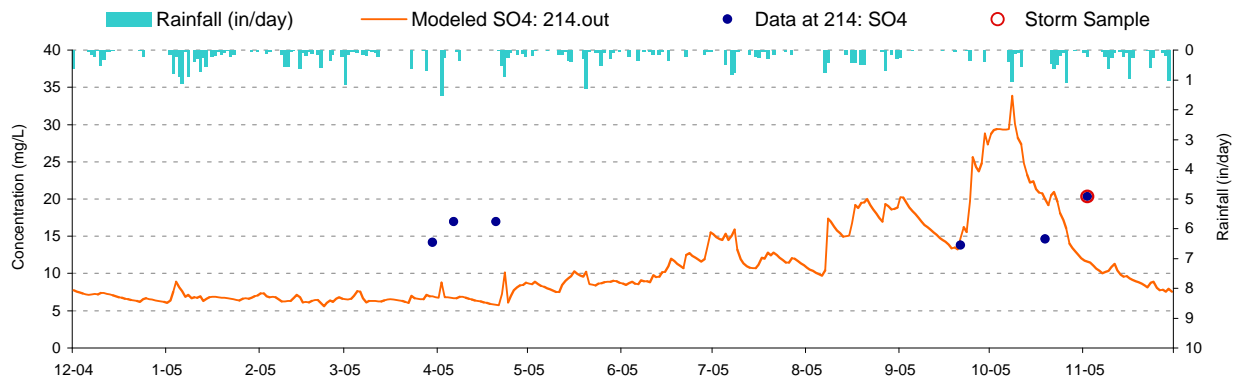


Figure G-10. Sulfate calibration plot for UT to Savage River above Aaron Run (WM-72/ZWV0001)

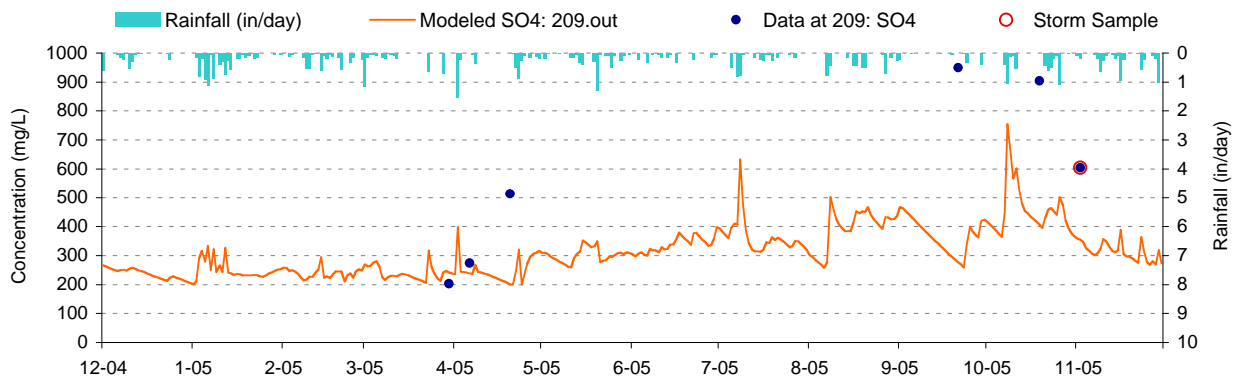


Figure G-11. Sulfate calibration plot for Aaron Run (WM-73/AAR0000)

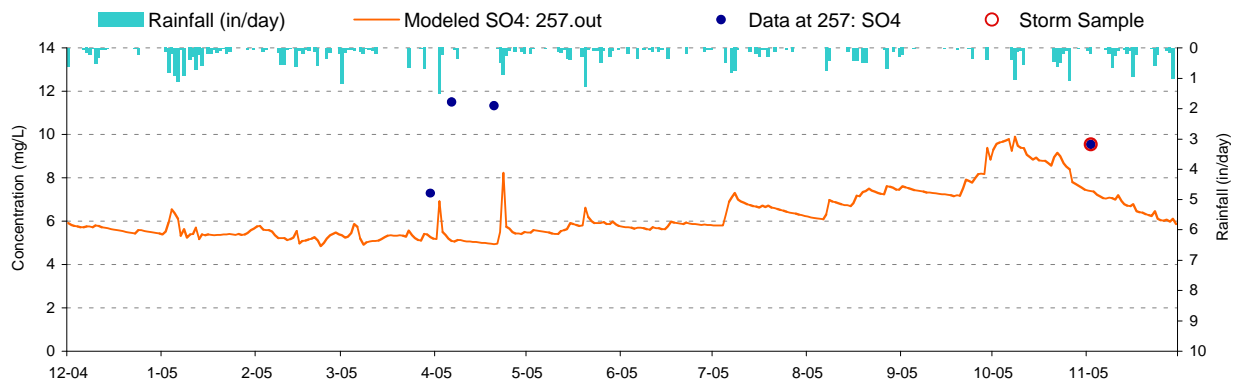


Figure G-12. Sulfate calibration plot for Miller Run (WM-80/MRR0000)

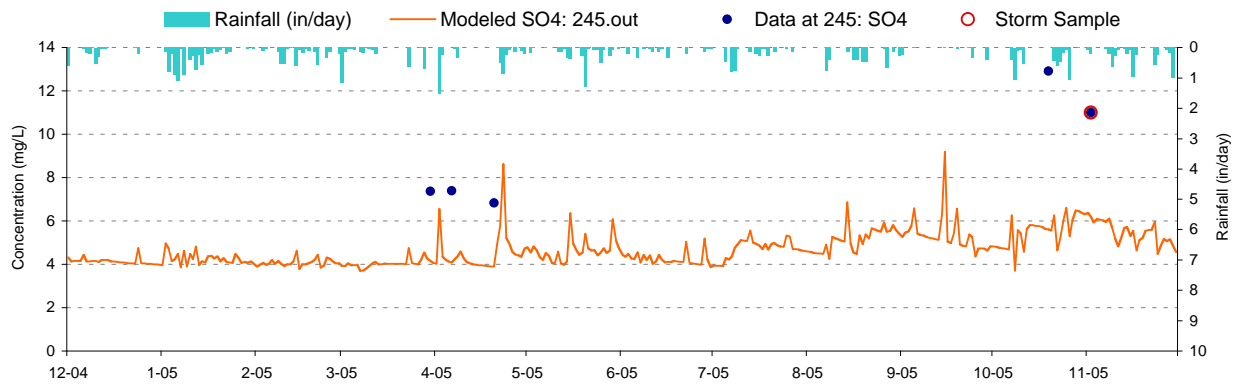


Figure G-13. Sulfate calibration plot for Little Savage River (WM-86/LSA0028)

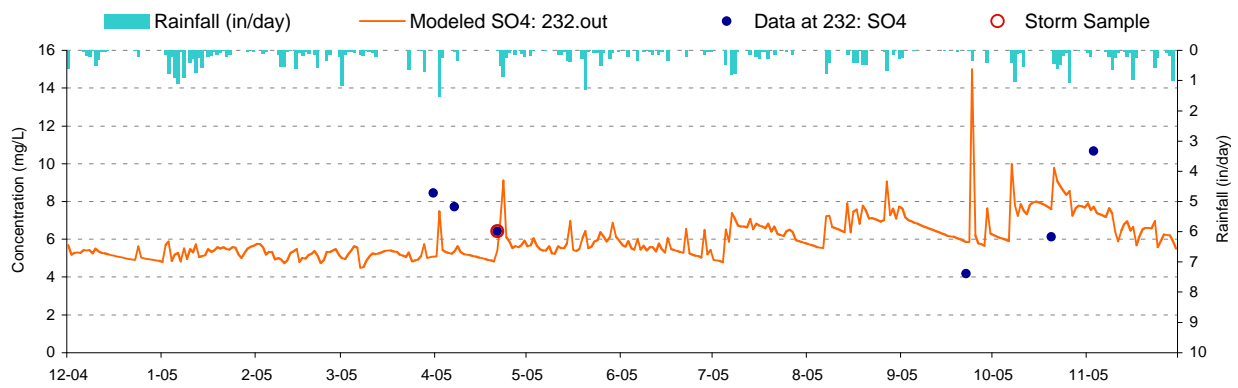


Figure G-14. Sulfate calibration plot for Poplar Lick Run (WM-96/POP0065)

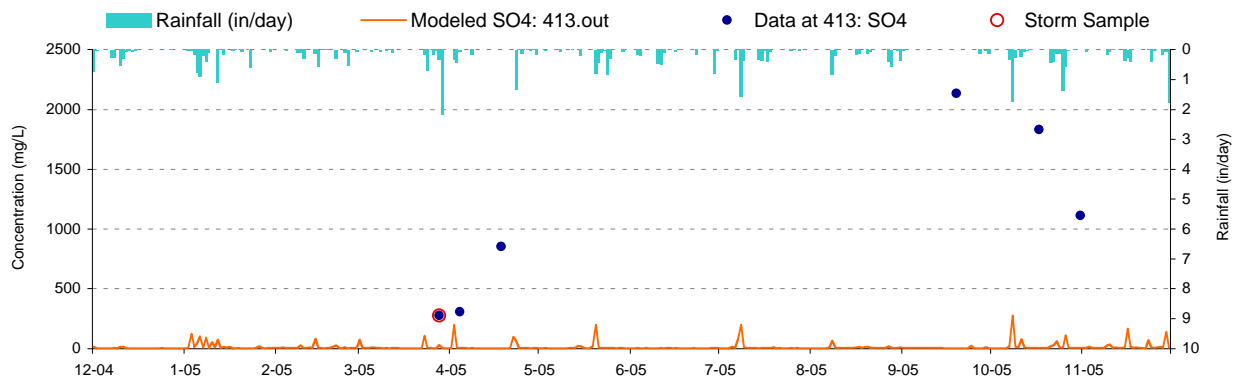


Figure G-15. Sulfate calibration plot for UT to Georges Creek (WM-110/UGQ0000)

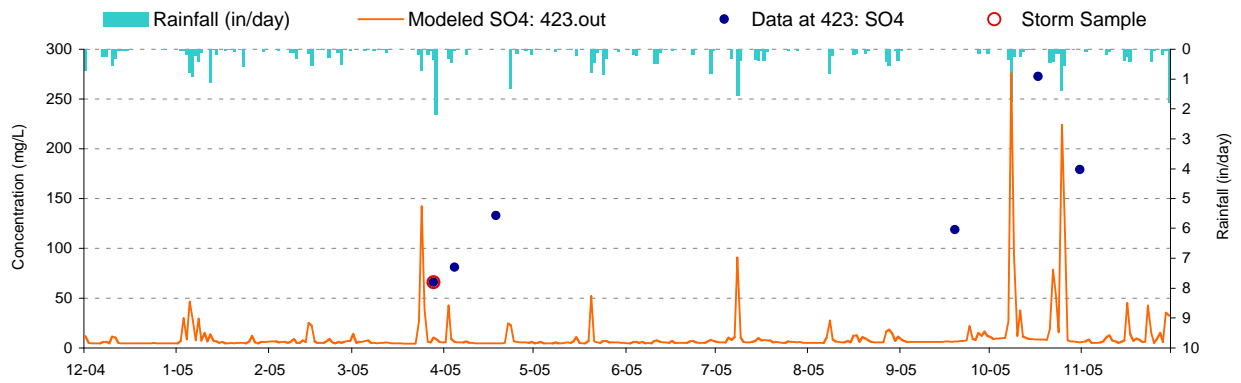


Figure G-16. Sulfate calibration plot for Jackson Run (WM-113/JAC0001)

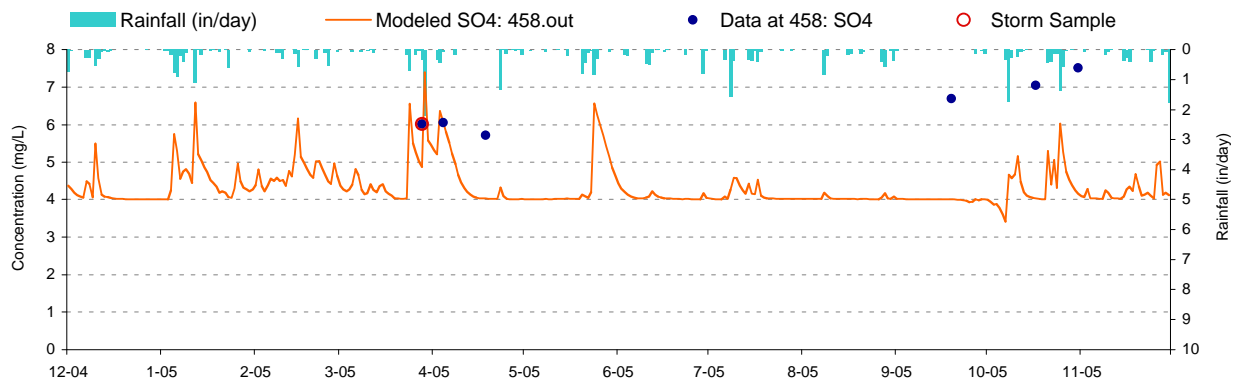


Figure G-17. Sulfate calibration plot for Staub Run (WM-117/STA0024)

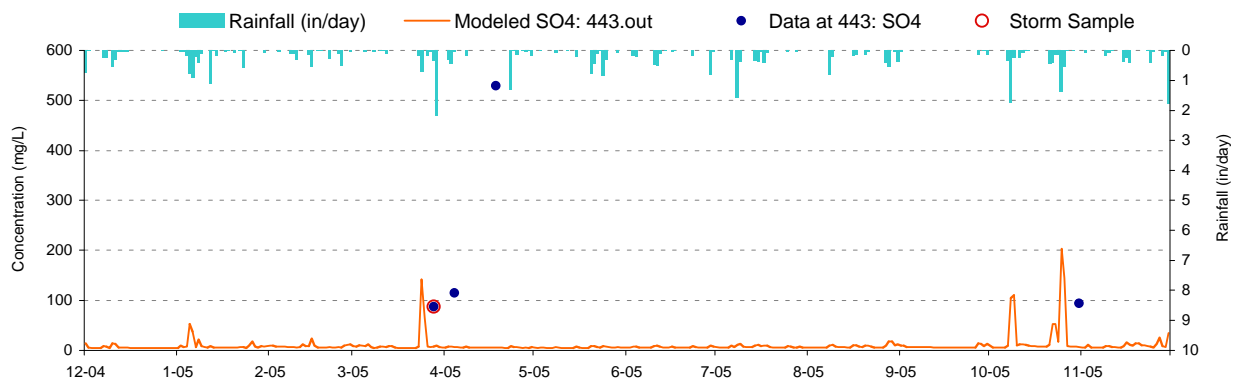


Figure G-18. Sulfate calibration plot for Winebrenner Run (WM-119/WBN0002)

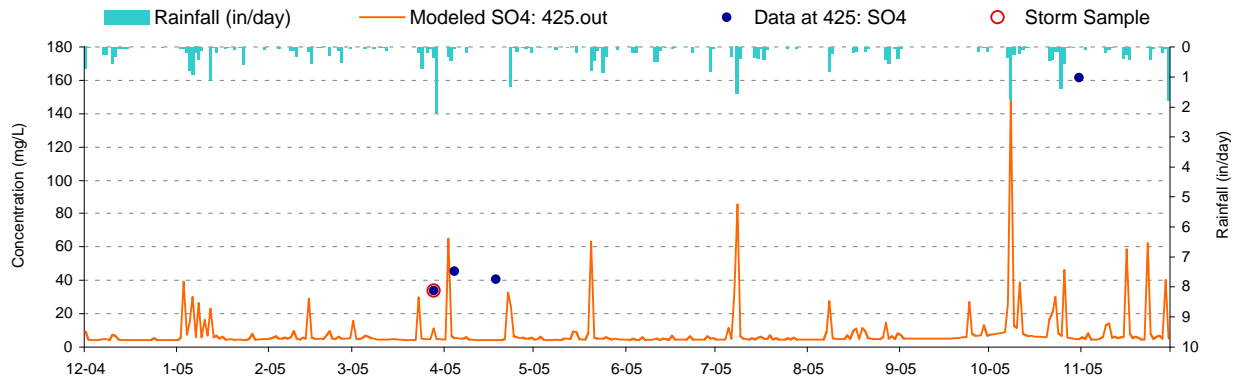


Figure G-19. Sulfate calibration plot for Jackson Run (WM-125/JAC0006)

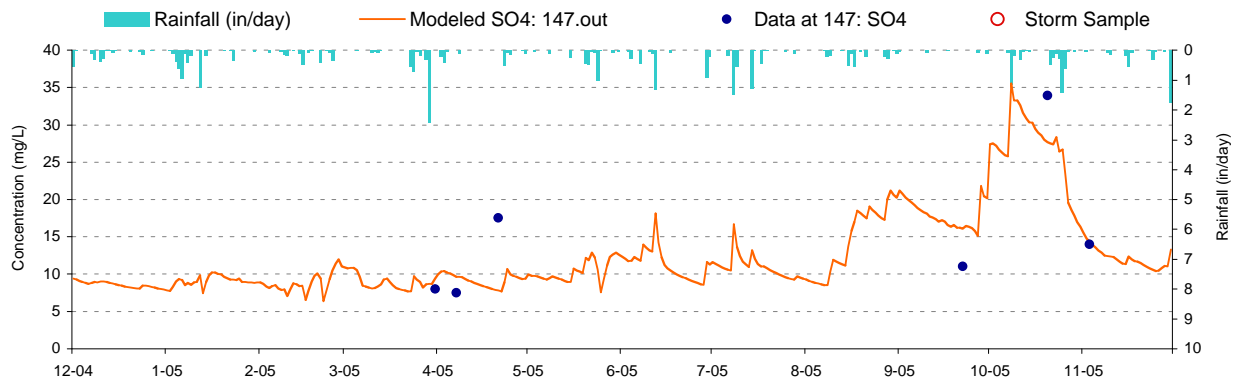


Figure G-20. Sulfate calibration plot for Little Laurel Run (WM-141/LLR0009)

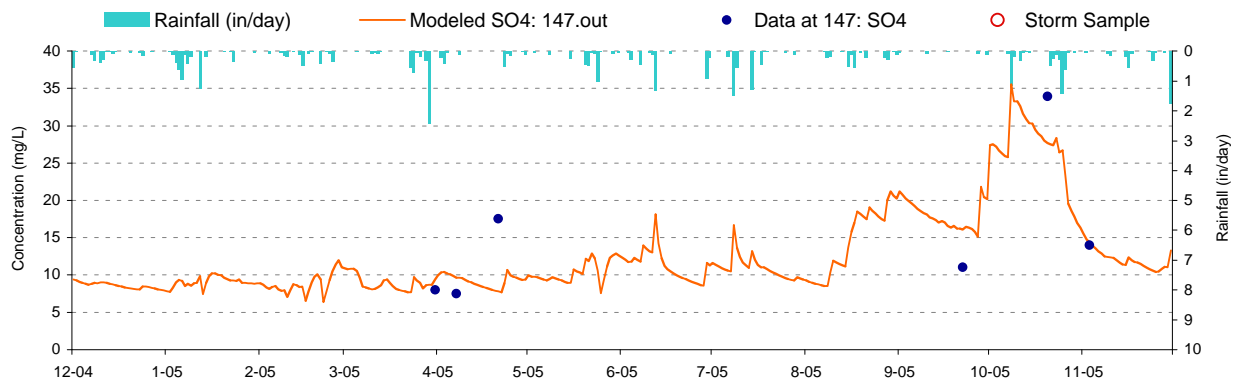


Figure G-21. Sulfate calibration plot for North Branch Casselman River (WM-142/NBC0072)

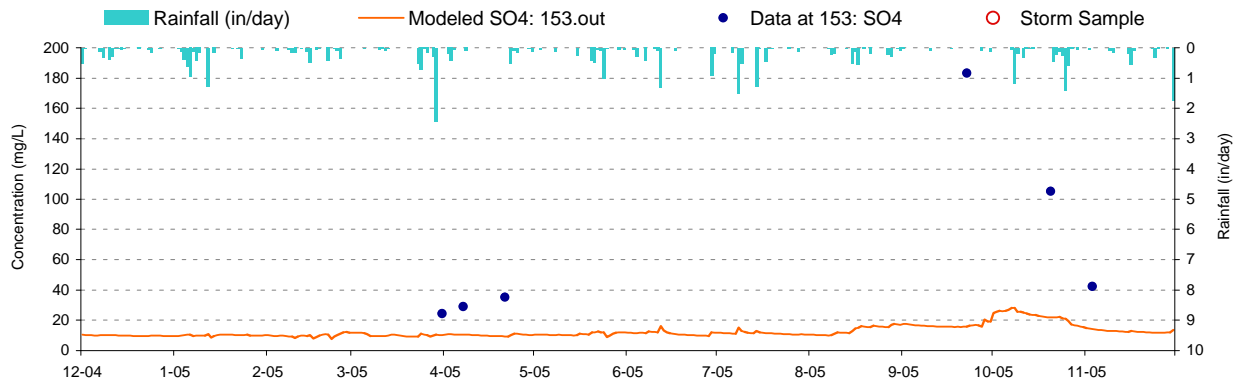


Figure G-22. Sulfate calibration plot for South Branch Casselman River (WM-143/SCA0067)

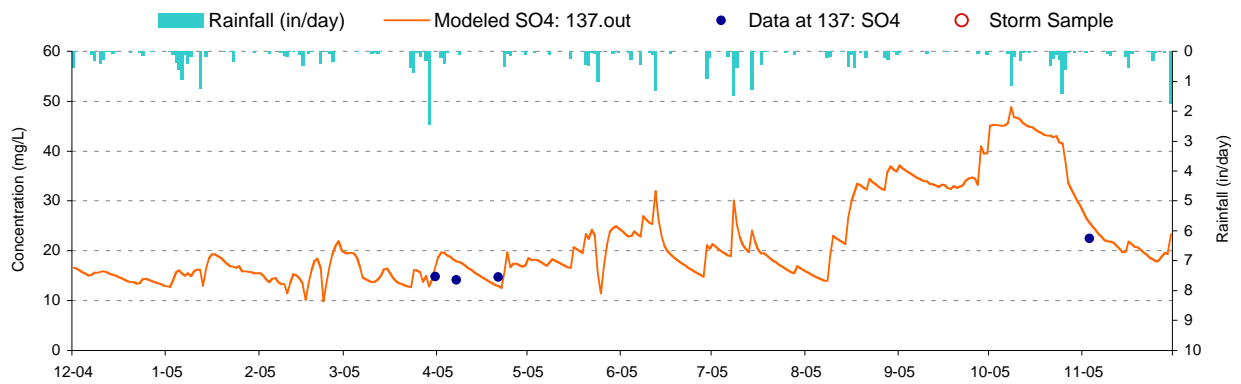


Figure G-23. Sulfate calibration plot for Tarkiln Run (WM-146/TAR0003)

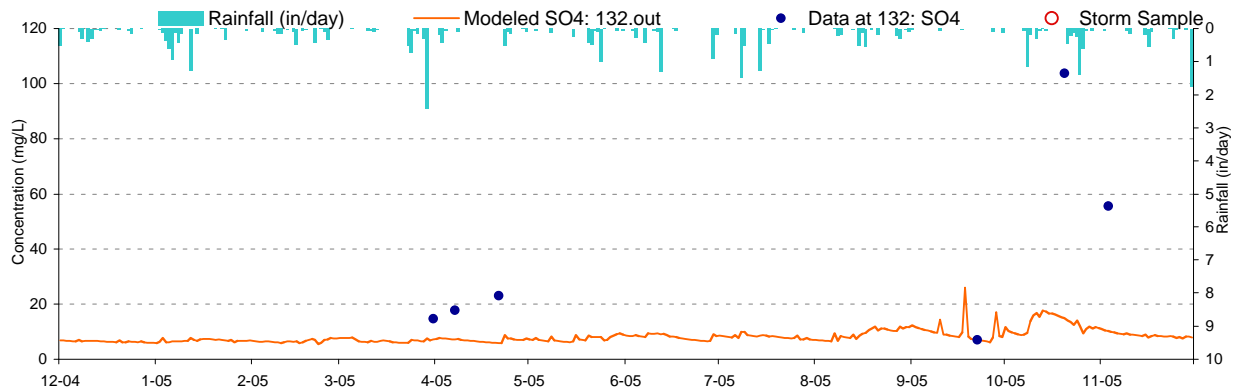


Figure G-24. Sulfate calibration plot for North Branch Casselman River (WM-148/NBC0106)

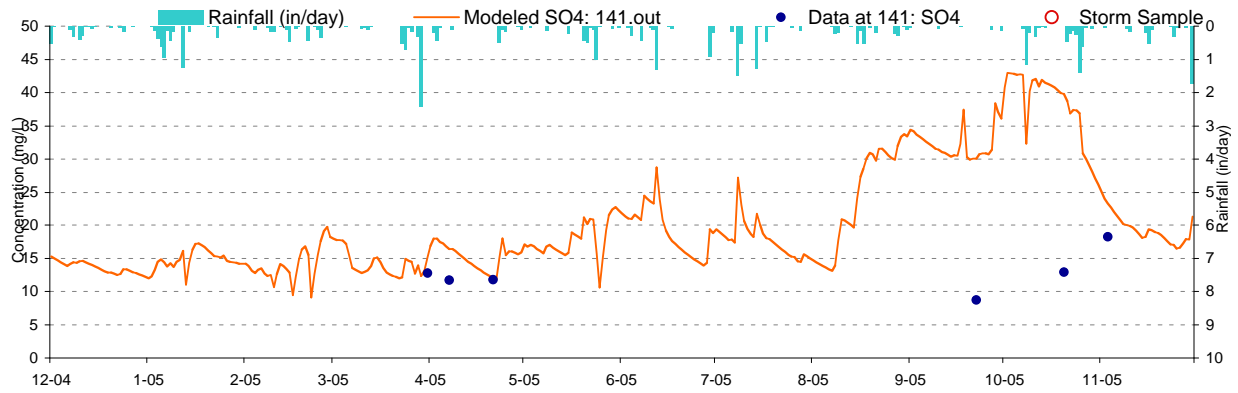


Figure G-25. Sulfate calibration plot for UT to North Branch Casselman River (WM-151/UNA0015)

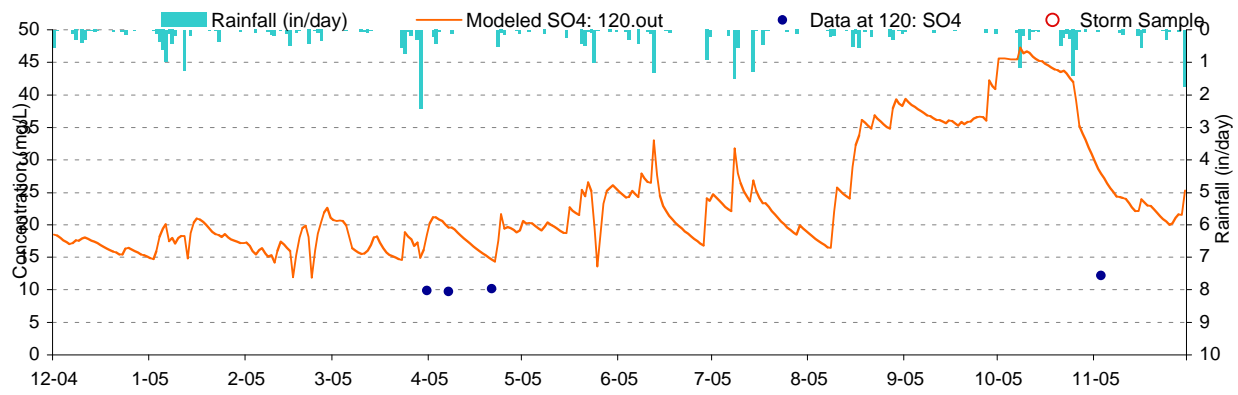


Figure G-26. Sulfate calibration plot for Little Shade Run (WM-155/LSR0015)

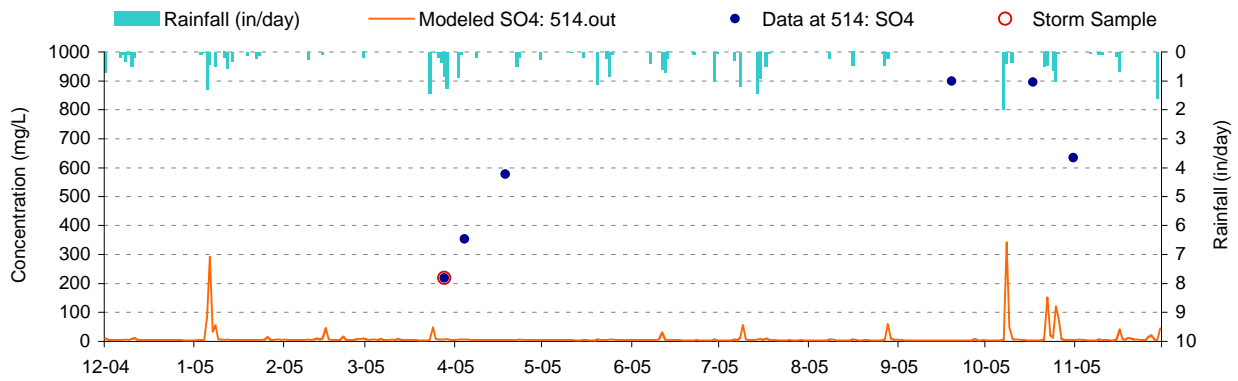


Figure G-27. Sulfate validation plot for UT to Jennings Run (WM-37/UJF0002)

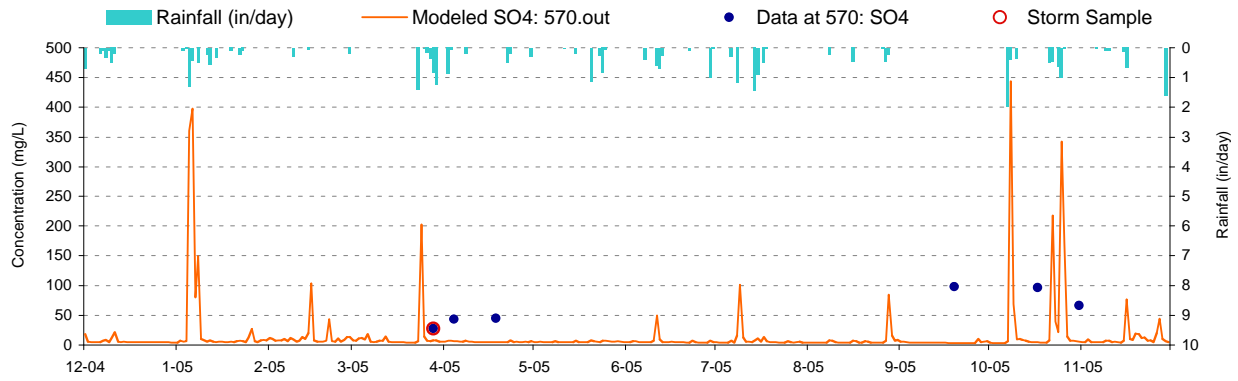


Figure G-28. Sulfate validation plot for Jennings Run (WM-39/JEN0092)

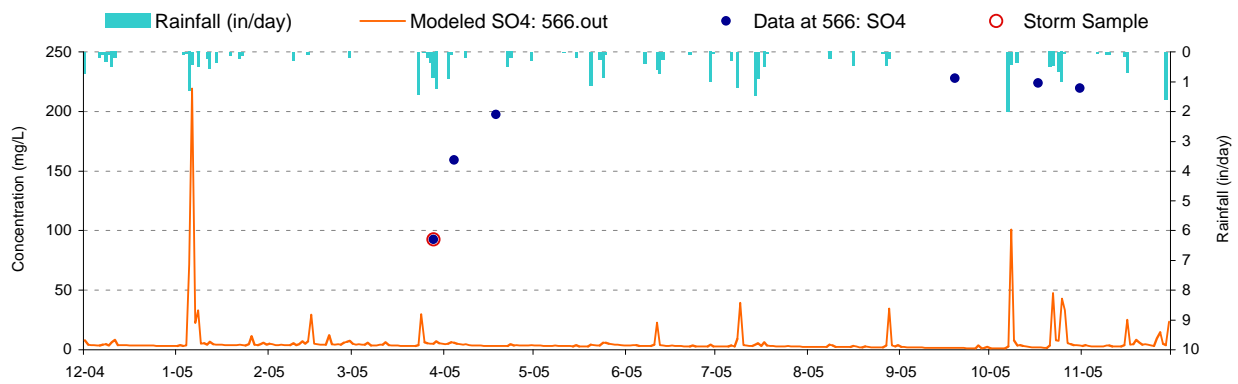


Figure G-29. Sulfate validation plot for UT to Jennings Run (WM-41/UJH0011)

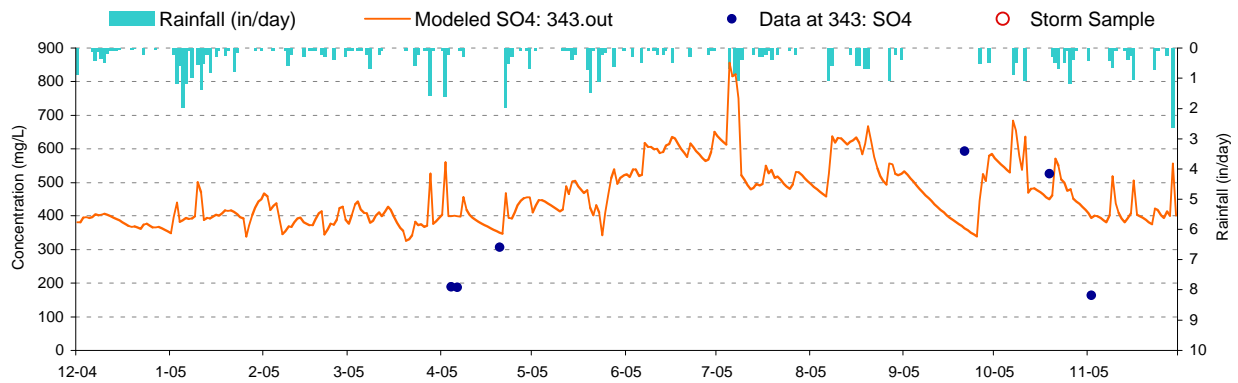


Figure G-30. Sulfate validation plot for Right Prong Three Forks Run (WM-48/RTF0005)

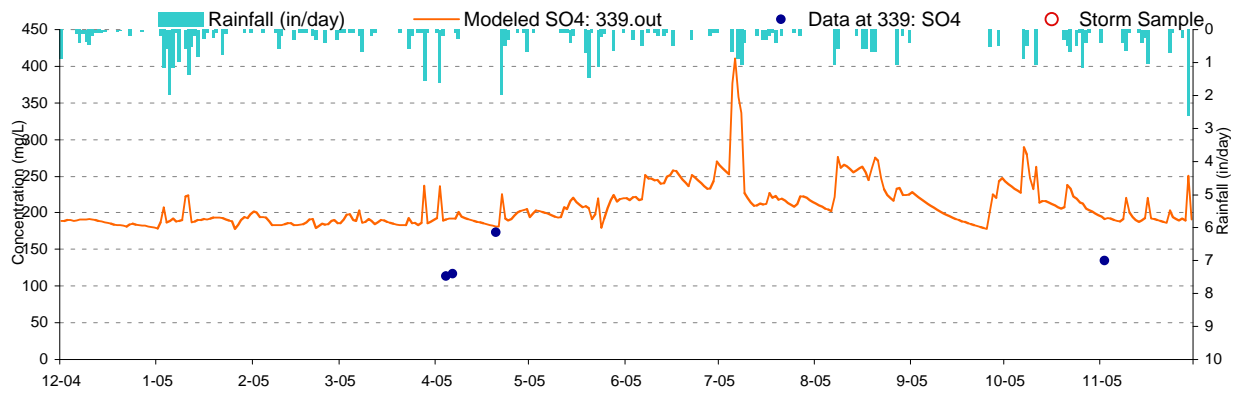


Figure G-31. Sulfate validation plot for UT to Three Forks Run (WM-55/ZWT0000)

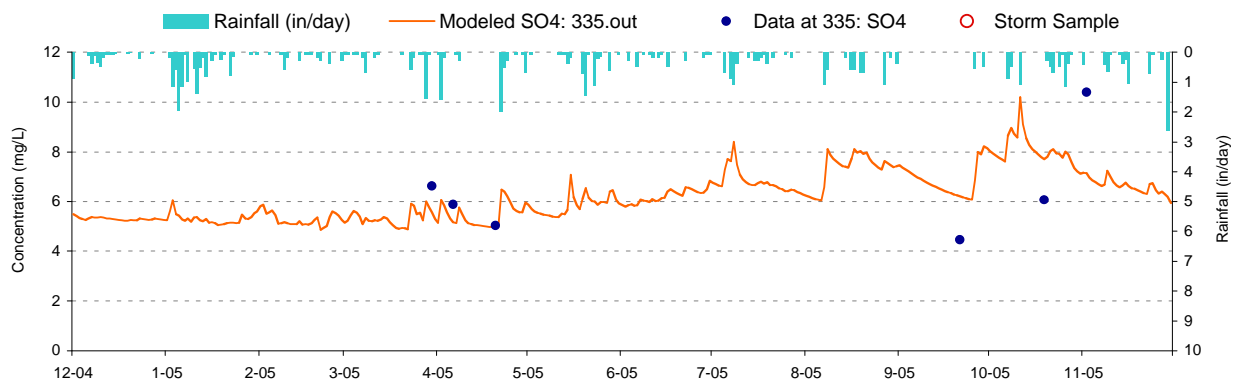


Figure G-32. Sulfate validation plot for Short Run (WM-60/SHO0016)

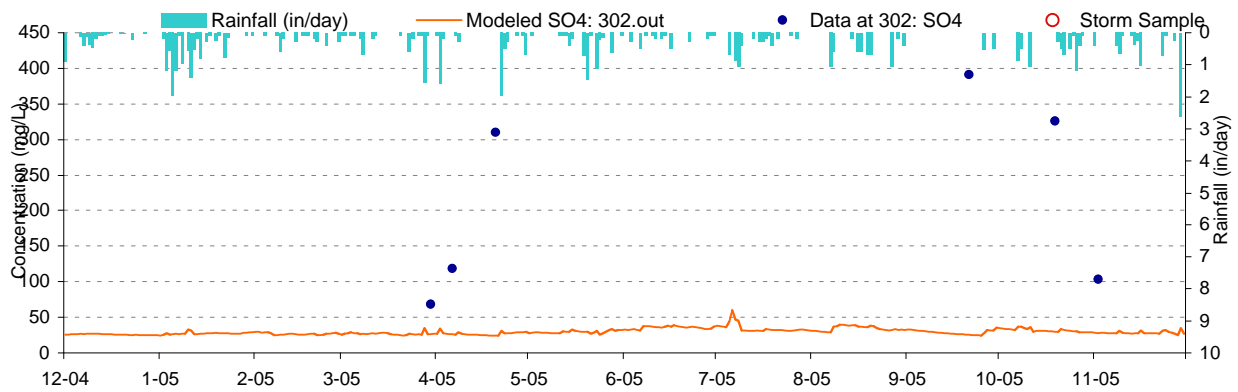


Figure G-33. Sulfate validation plot for Laurel Run (WM-61/LNB0014)

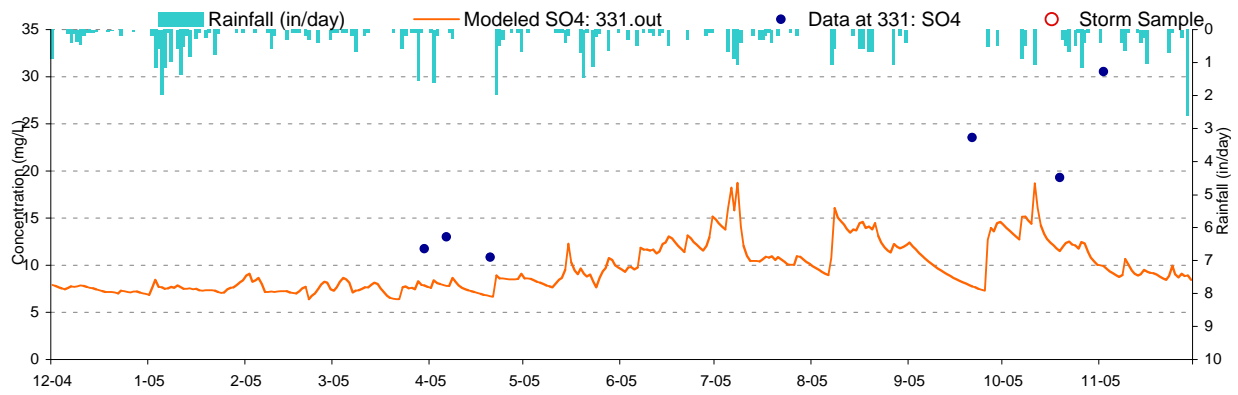


Figure G-34. Sulfate validation plot for North Prog Lostland Run (WM-64/NPL0018)

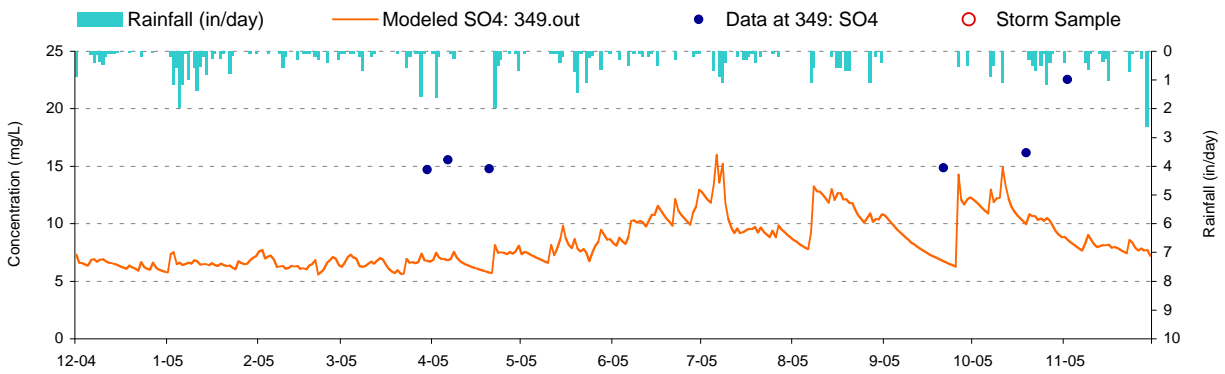


Figure G-35. Sulfate validation plot for Laurel Run (WM-67/LRE0029)

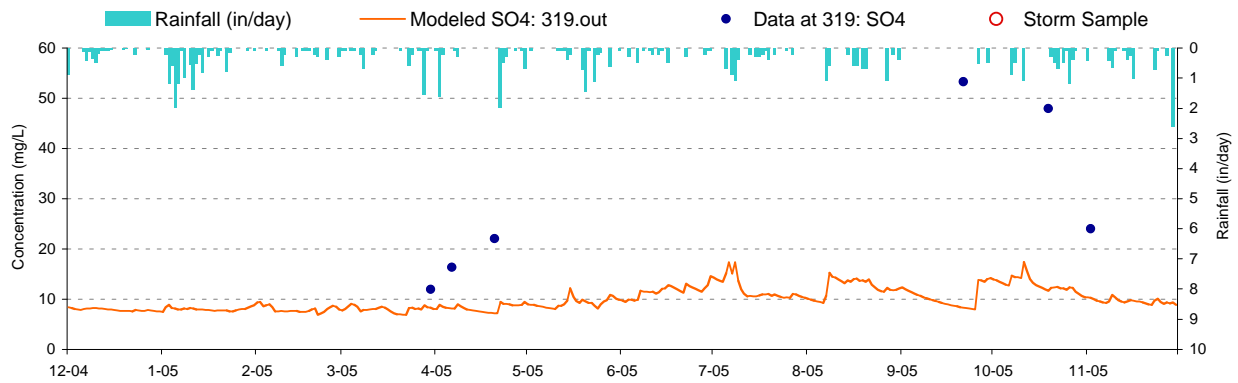


Figure G-36. Sulfate validation plot for Glade Run (WM-69/GLR0031)

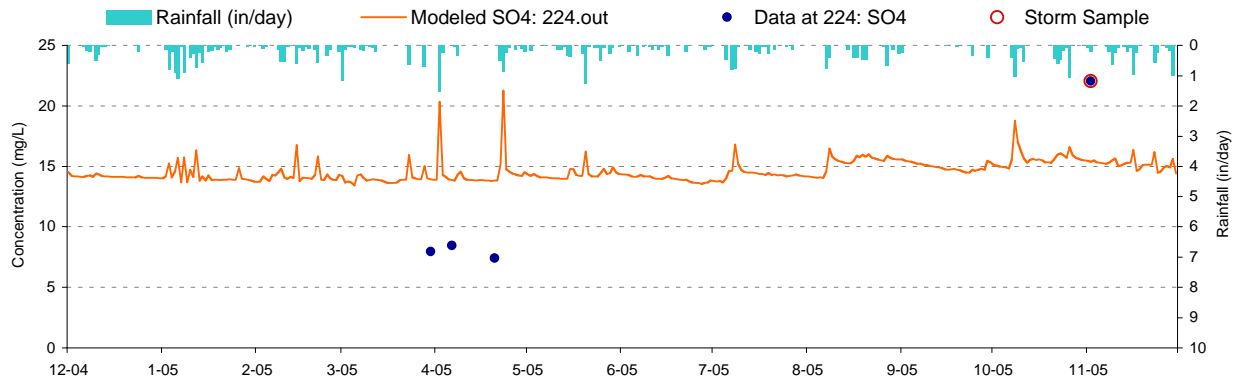


Figure G-37. Sulfate validation plot for Pine Swamp Run (WM-77/PYS0024)

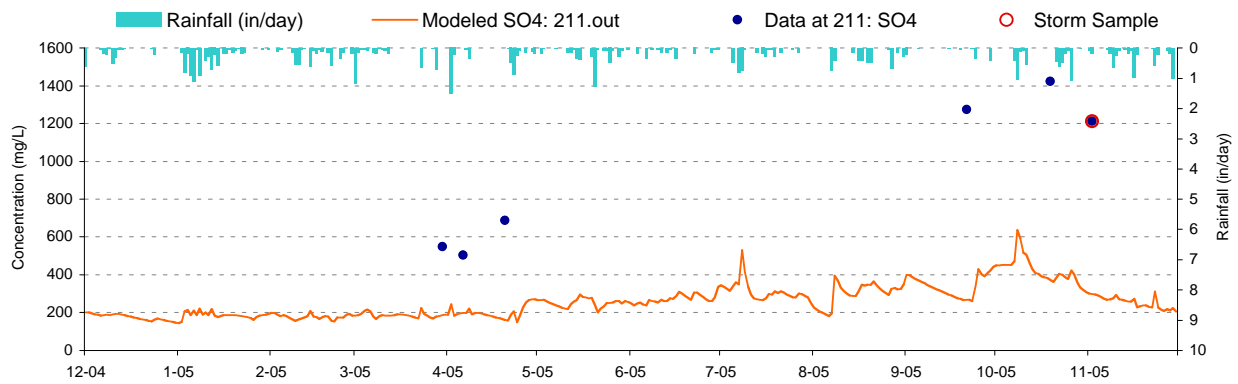


Figure G-38. Sulfate validation plot for UT to Aaron Run (WM-78/ZWA0000)

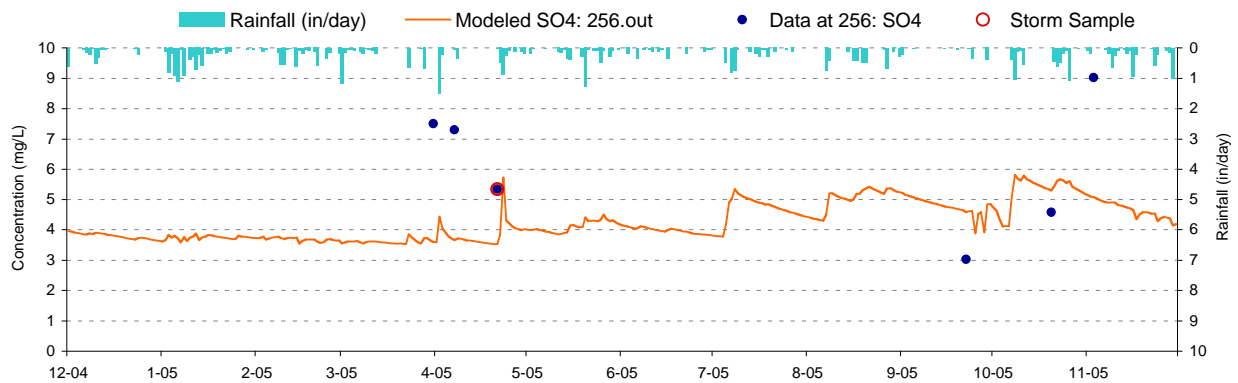


Figure G-39. Sulfate validation plot for Big Run (WM-81/BRU0048)

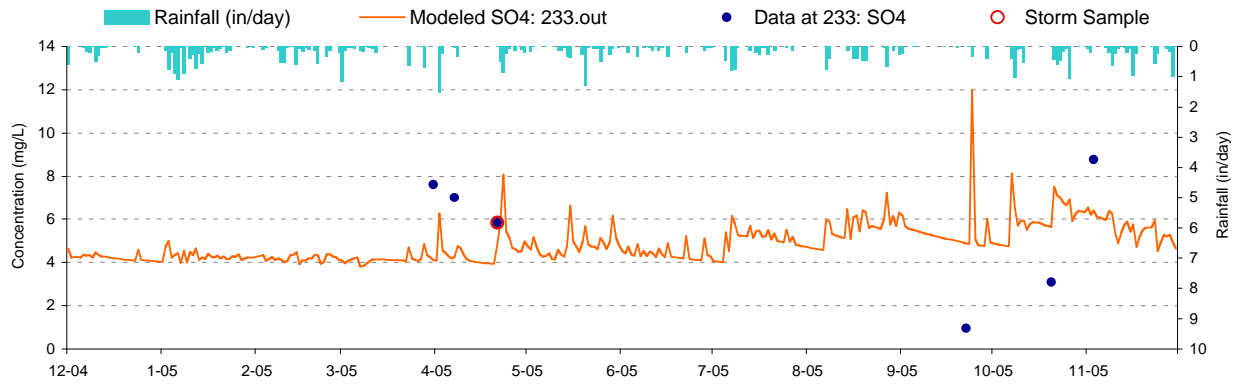


Figure G-40. Sulfate validation plot for Poplar Lick Run (WM-97/POP0071)

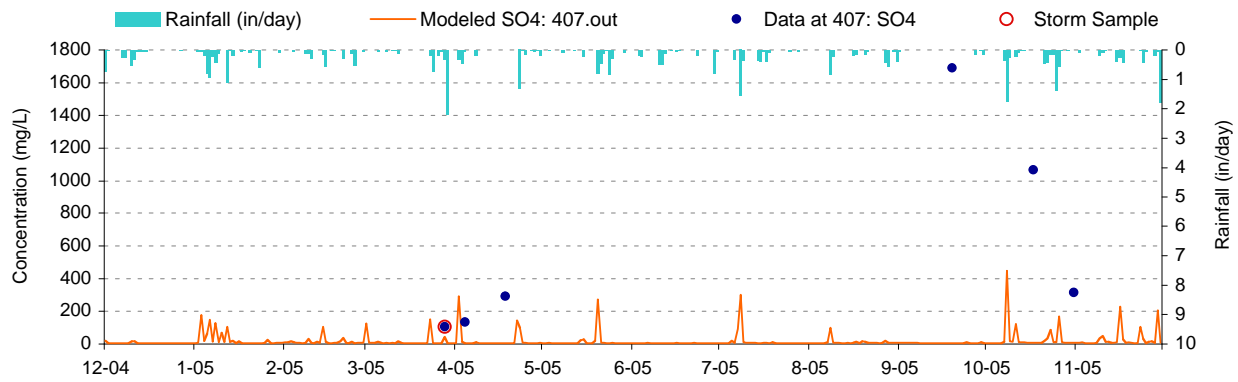


Figure G-41. Sulfate validation plot for Mill Run (WM-111/MIL0001)

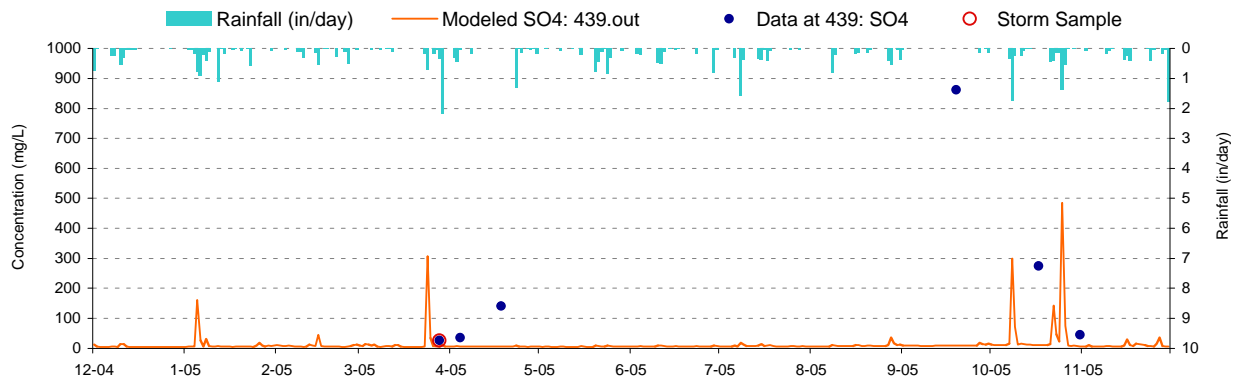


Figure G-42. Sulfate validation plot for Matthew Run (WM-116/MTH0000)

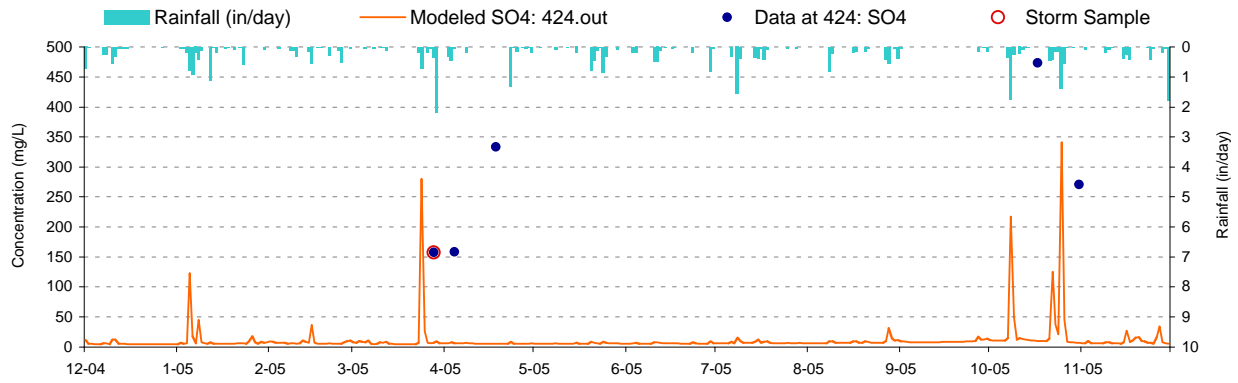


Figure G-43. Sulfate validation plot for UT to Jackson Run (WM-118/UJB0000)

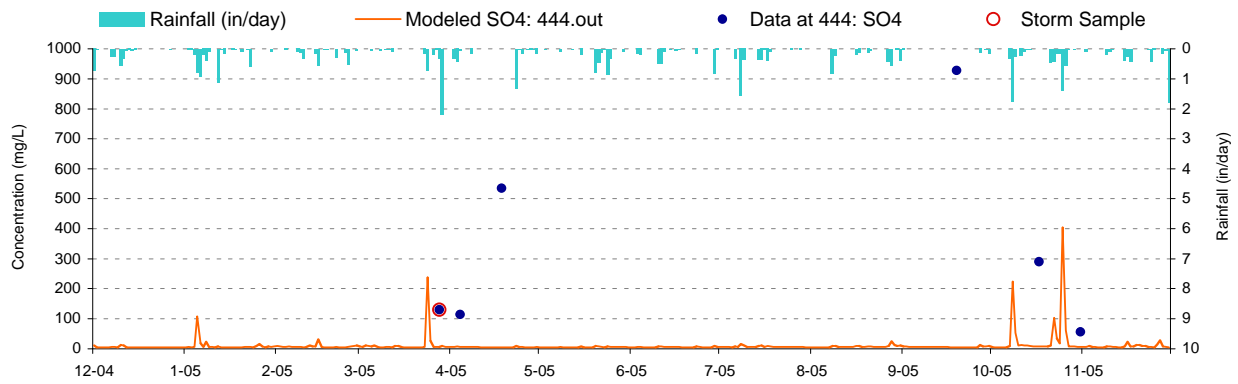


Figure G-44. Sulfate validation plot for Winebrenner Run (WM-120/WBN0010)

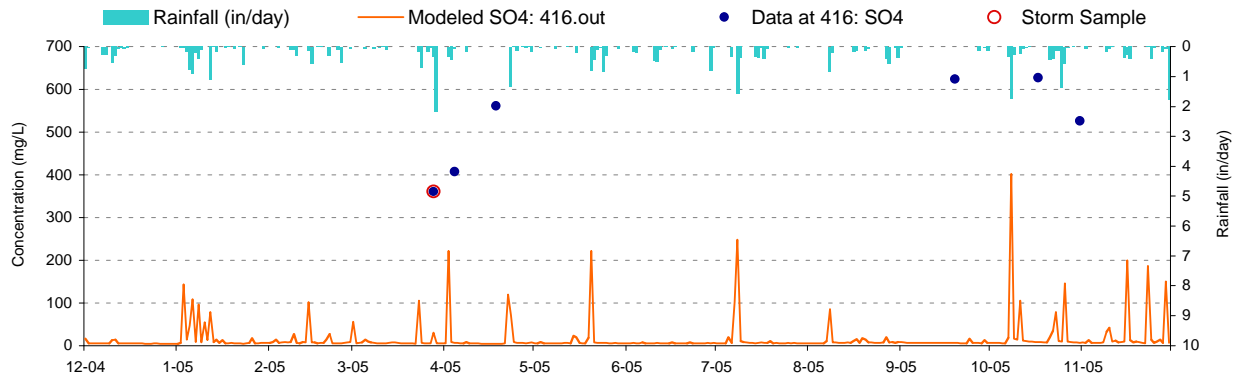


Figure G-45. Sulfate validation plot for UT to Moores Run (WM-122/UMD0000)

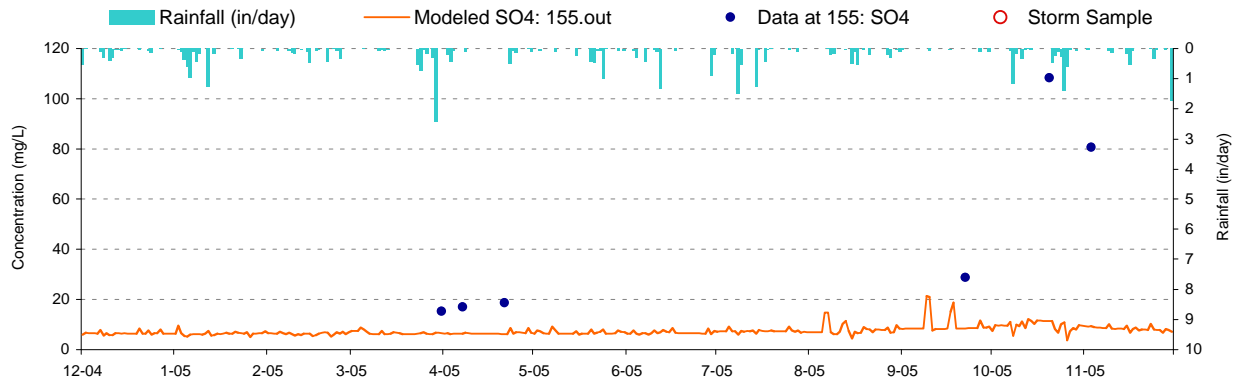


Figure G-46. Sulfate validation plot for Meadow Run (WM-135/MDW0008)

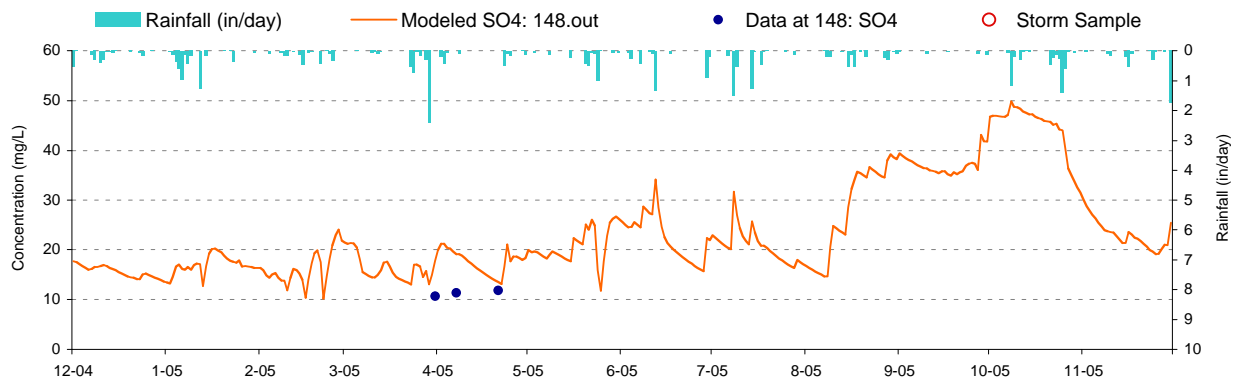


Figure G-47. Sulfate validation plot for Little Laurel Run (WM-137/LLR0024)

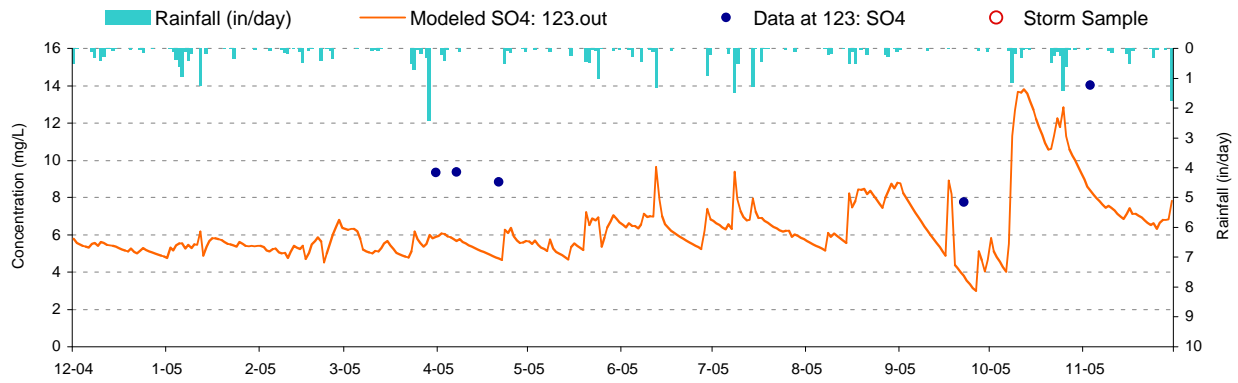


Figure G-48. Sulfate validation plot for Spiker Run (WM-138/SPI0018)

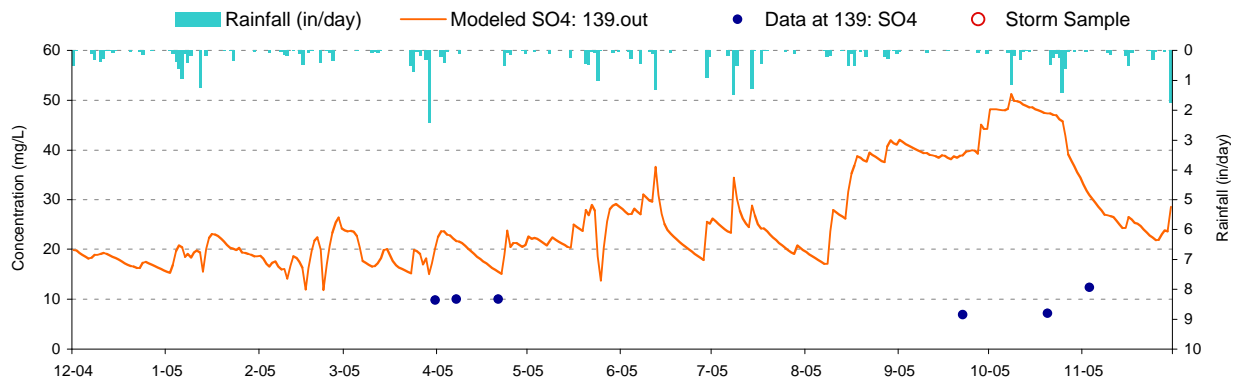


Figure G-49. Sulfate validation plot for Alexander Run (WM-144/ALE0011)

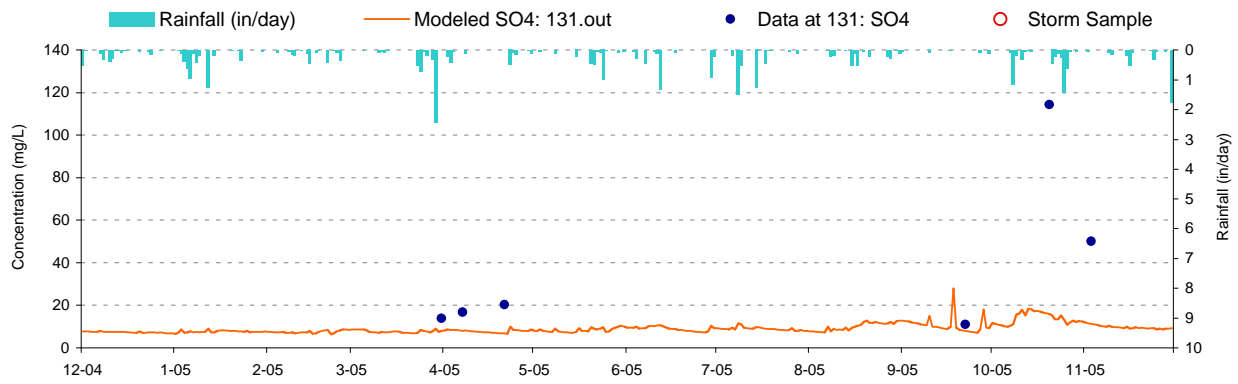


Figure G-50. Sulfate validation plot for North Branch Casselman River (WM-145/NBC0090)

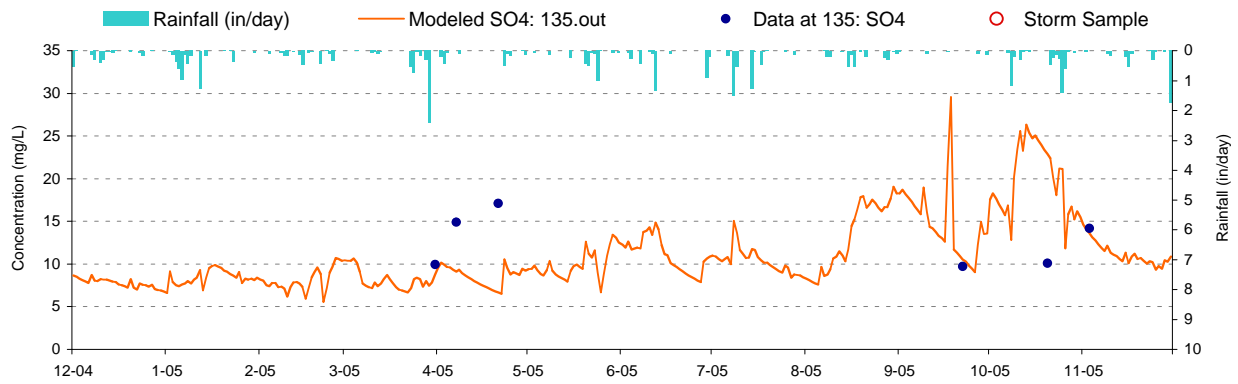


Figure G-51. Sulfate validation plot for Pleasant Valley Run (WM-147/PLE0008)

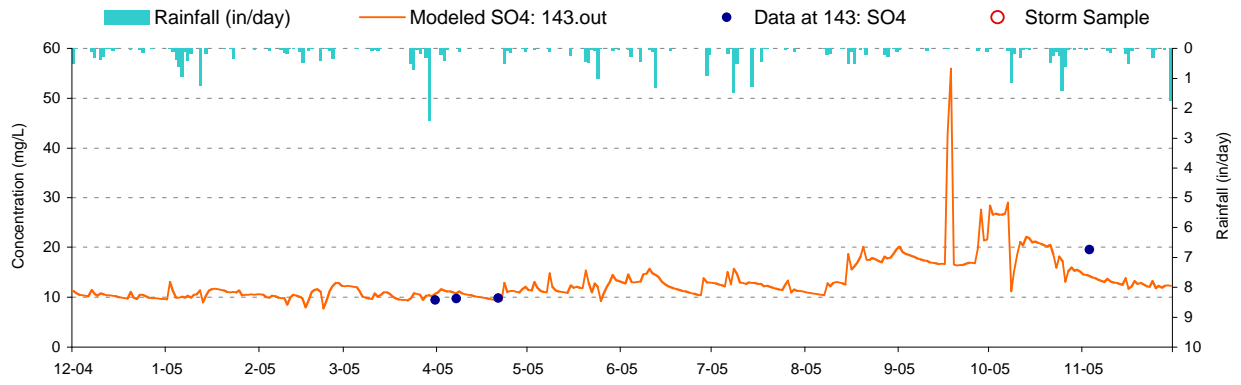


Figure G-52. Sulfate validation plot for UT to North Branch Casselman River (WM-149/ZWN0003)