

Appendix A

Temporal and Spatial Trends in Water Quality

The following plots are included to provide a complete assessment of how well the model is capturing temporal and spatial trends in the water quality data. Two types of plots are presented. The first type of plot includes all the dates at one station location to allow assessment of the model's ability to reproduce temporal trends in water quality at the given station. The second type of plot includes all the mainstem stations on a given date in order to allow assessment of the model's ability to reproduce spatial trends in water quality.

Temperature

Allatoona

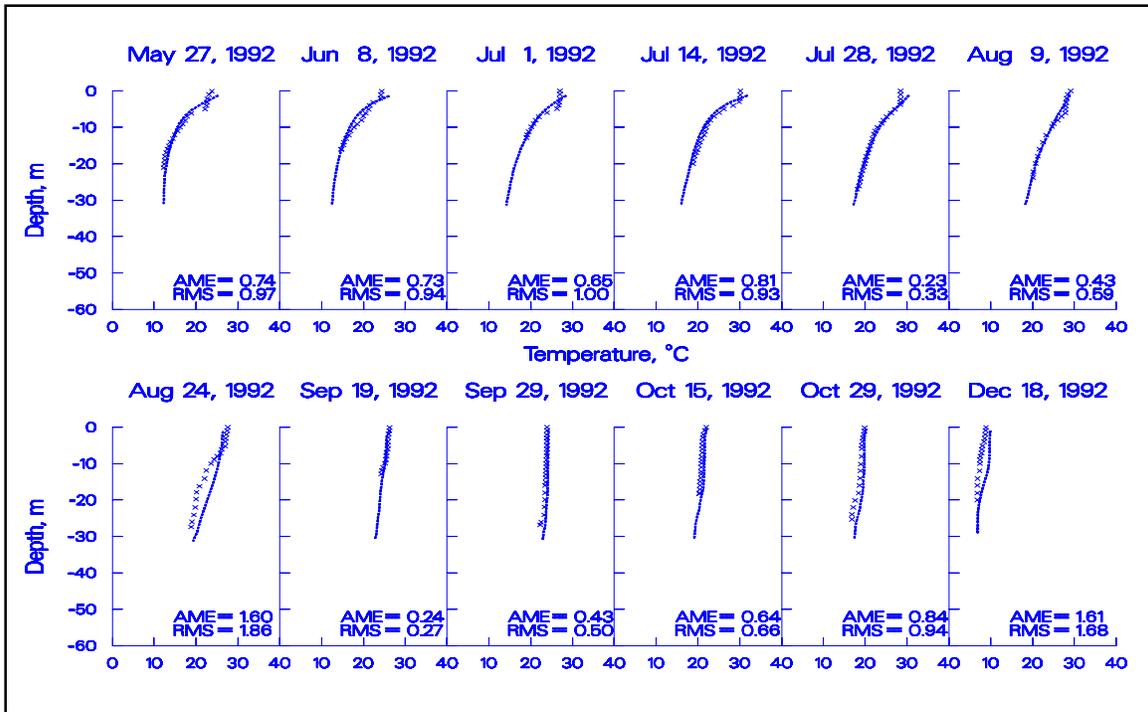


Figure A1. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 03

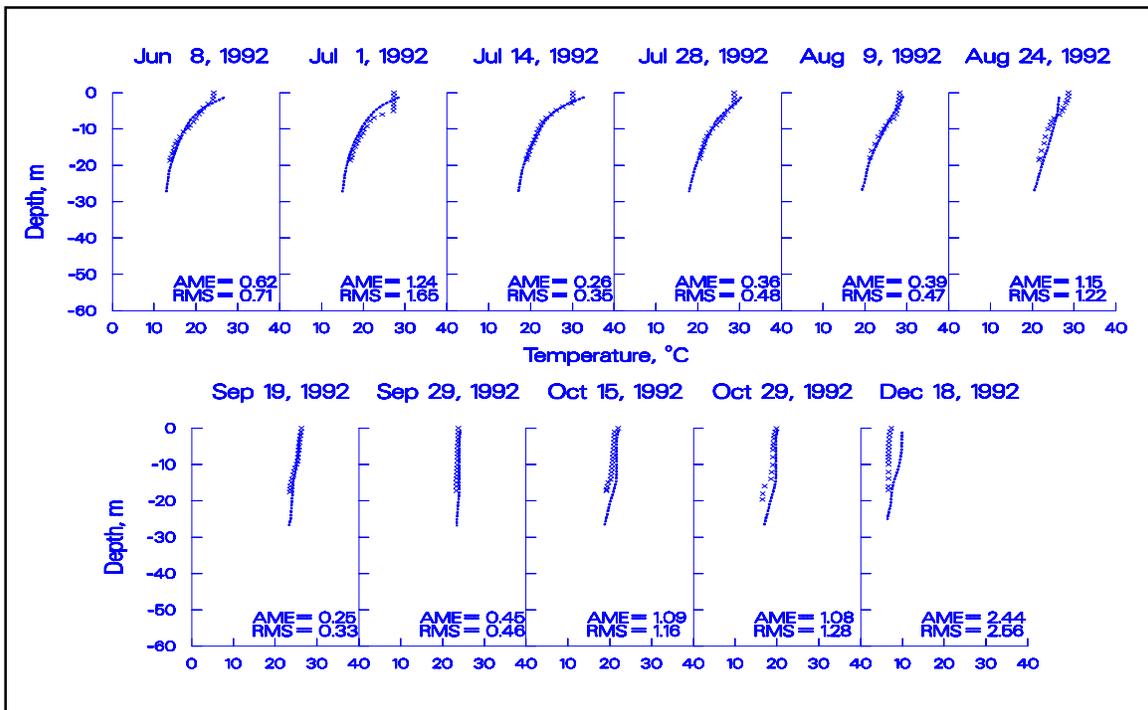


Figure A2. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 09

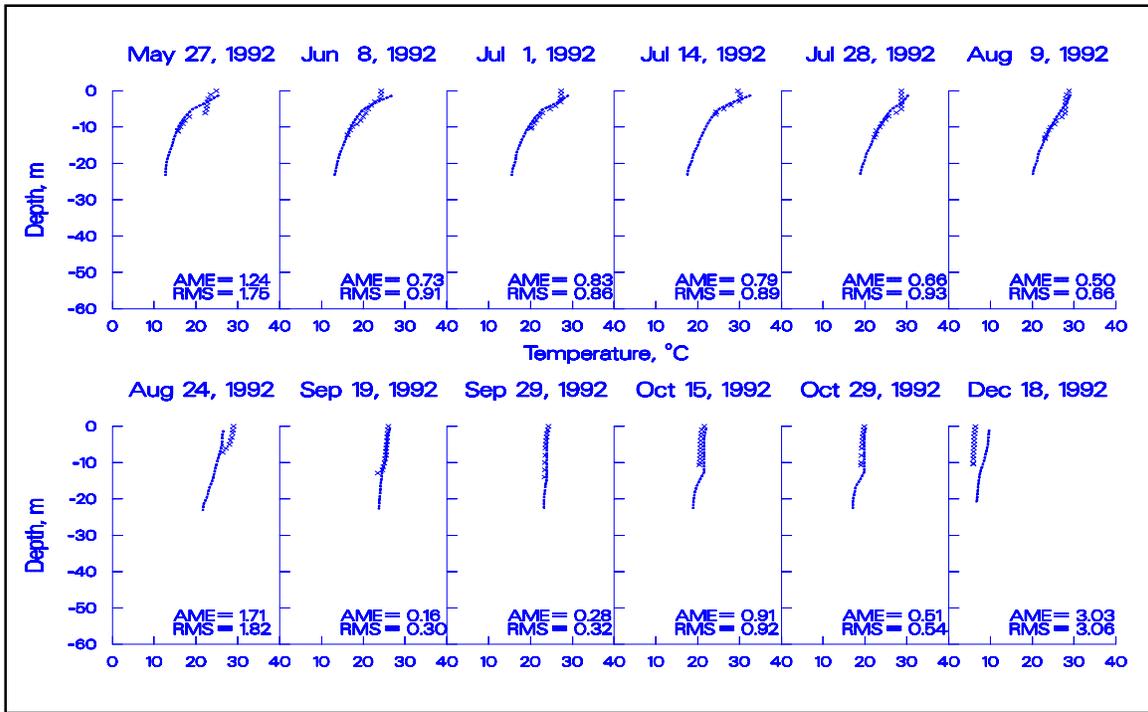


Figure A3. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 18

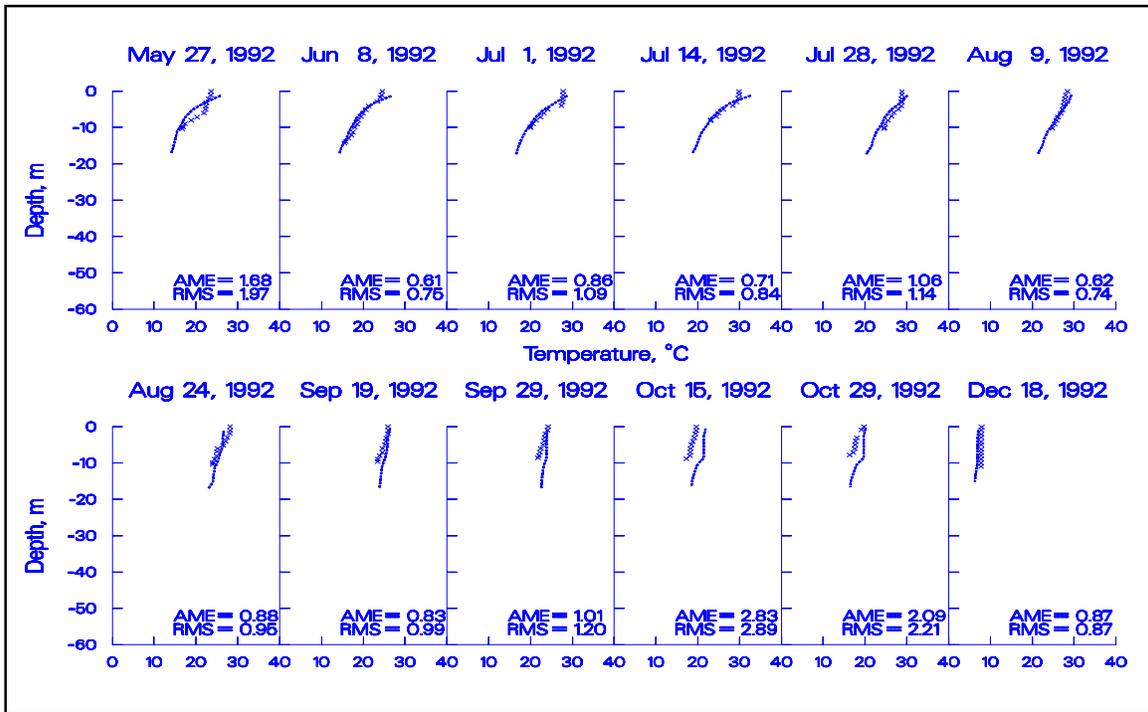


Figure A4. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 39

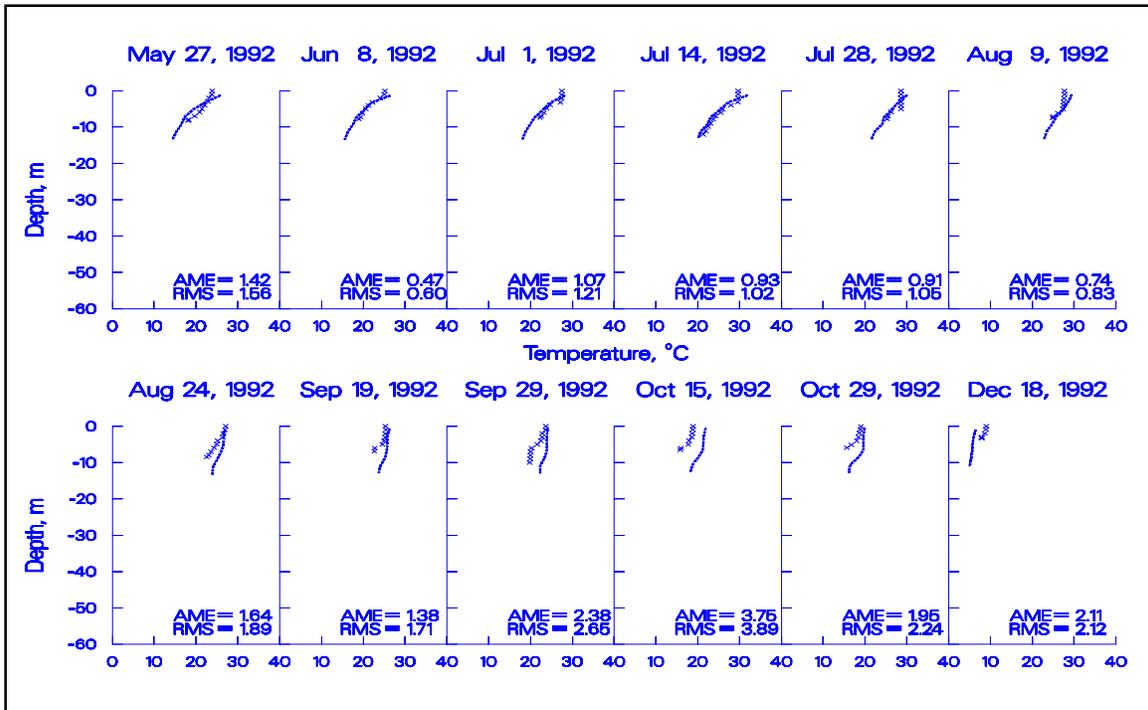


Figure A5. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 45

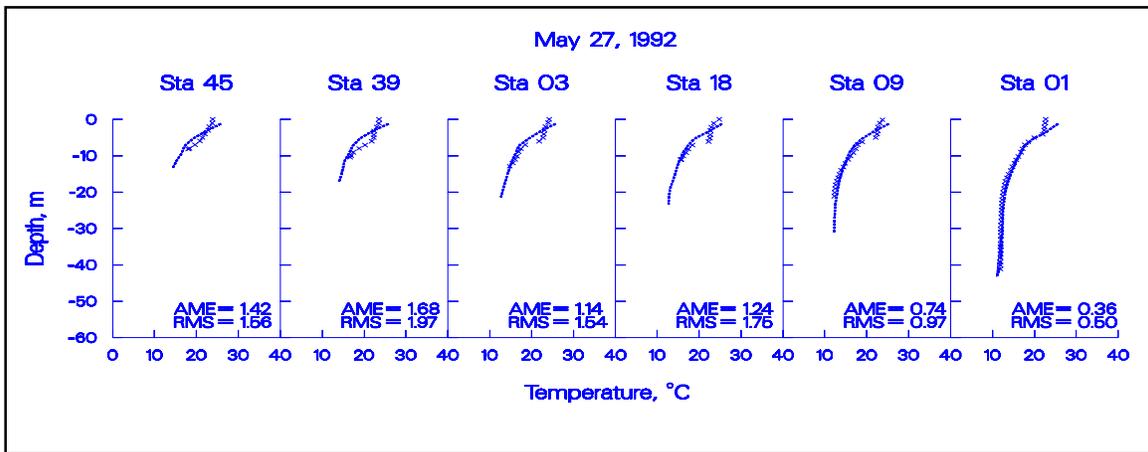


Figure A6. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, May 27

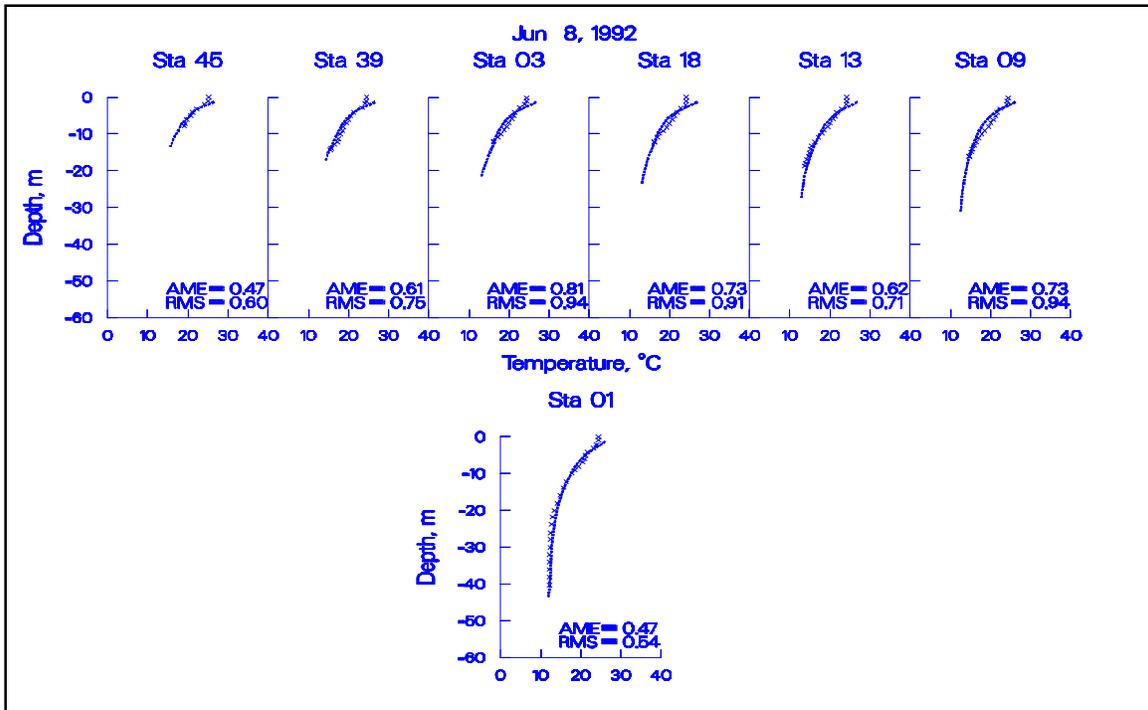


Figure A7. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, June 8

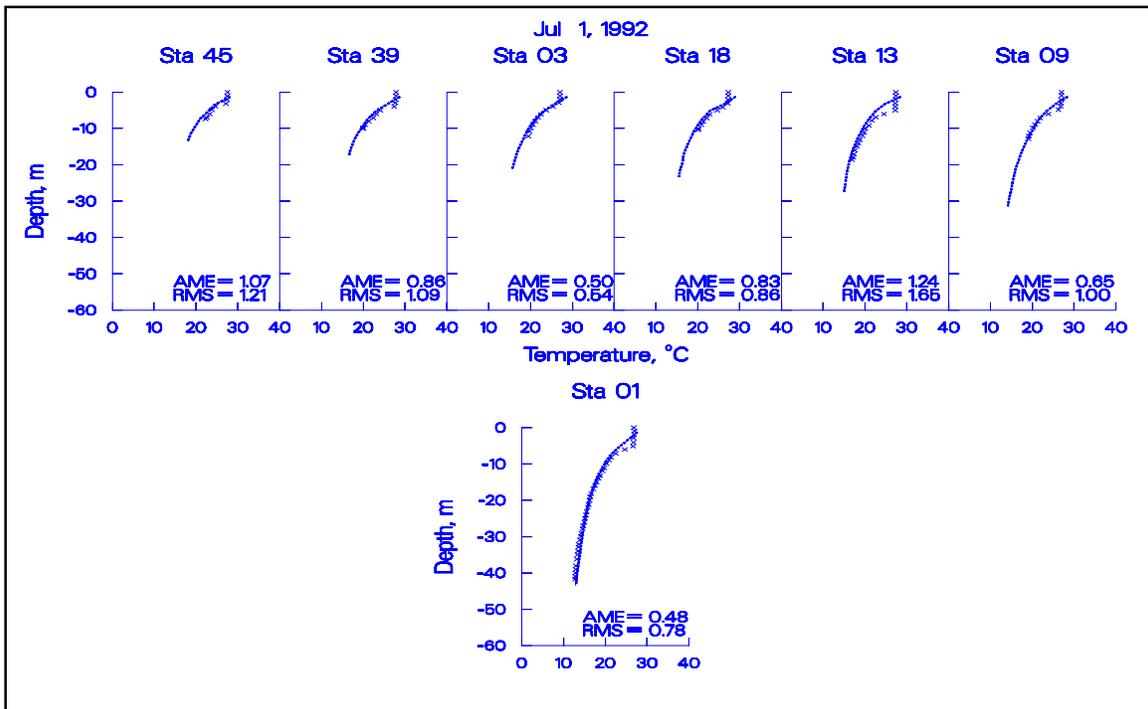


Figure A8. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, July 1

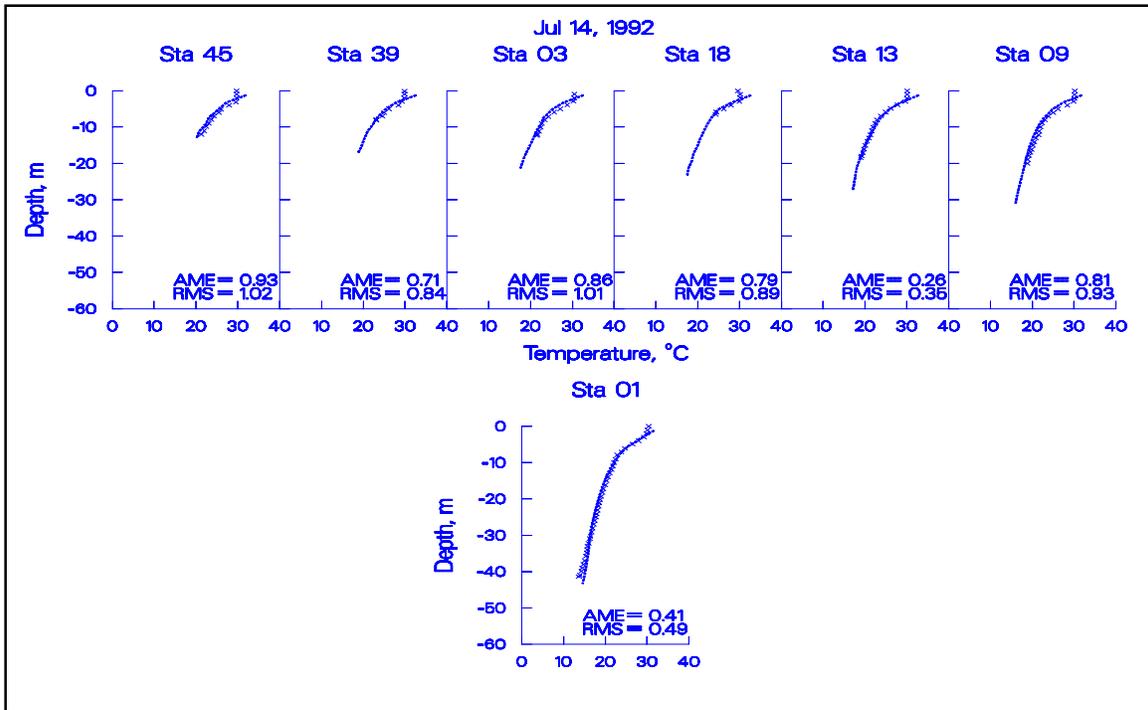


Figure A9. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, July 14

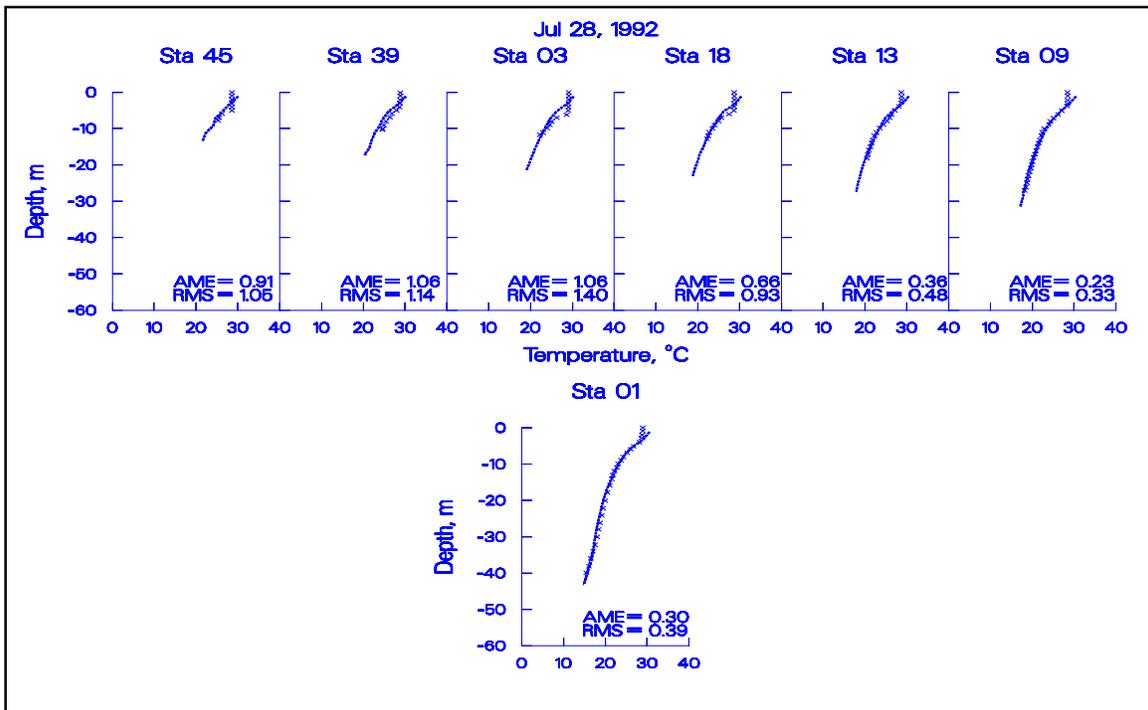


Figure A10. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, July 28

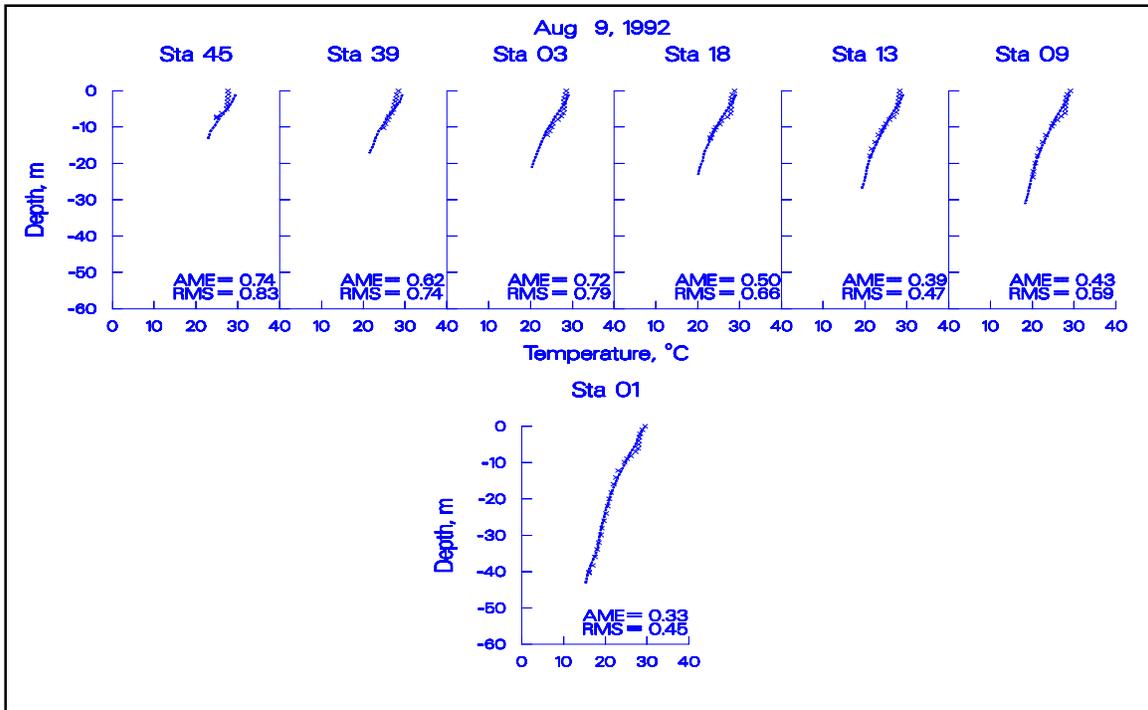


Figure A11. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, August 9

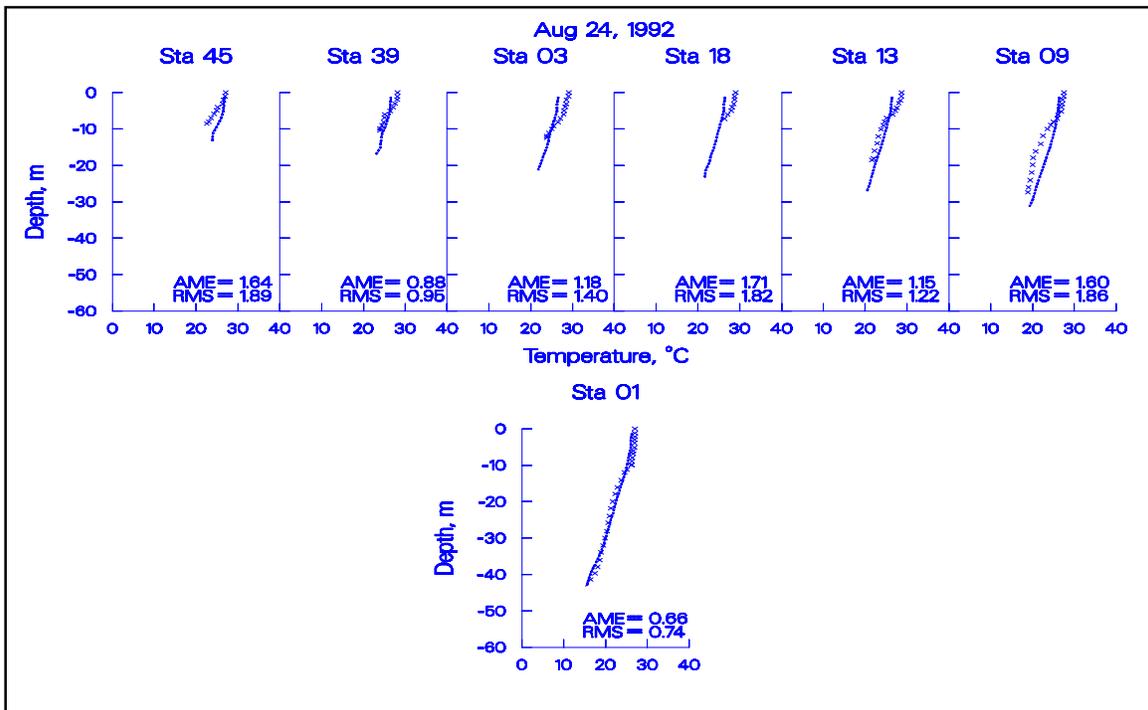


Figure A12. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, August 24

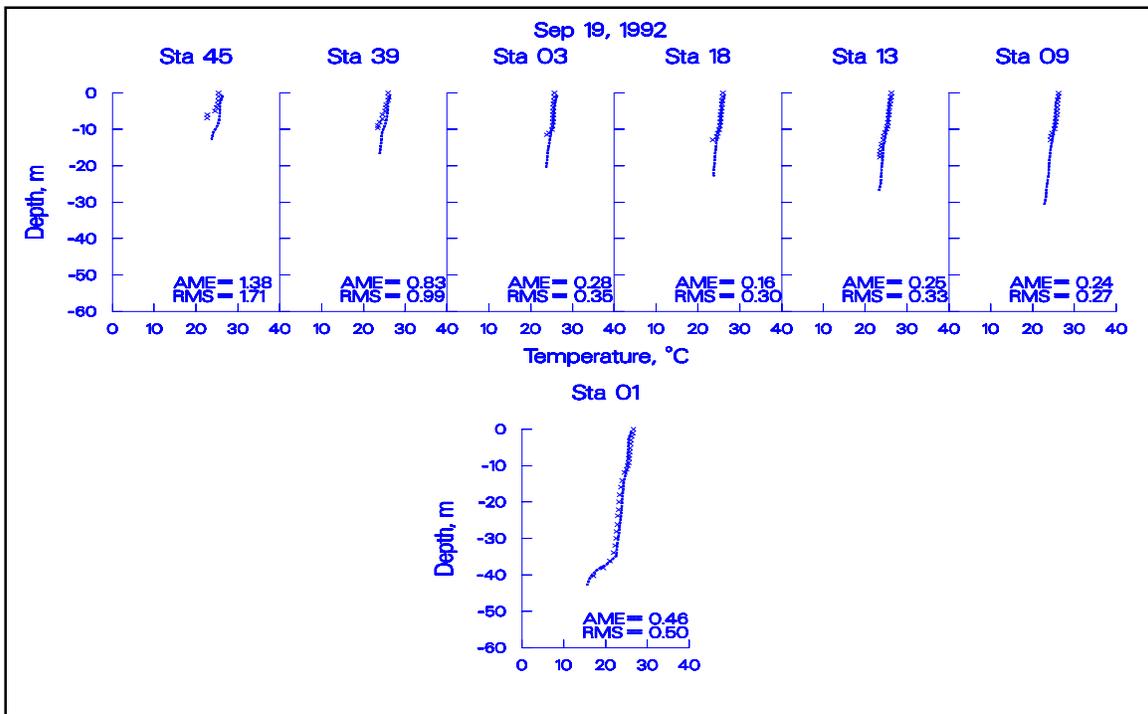


Figure A13. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, September 19

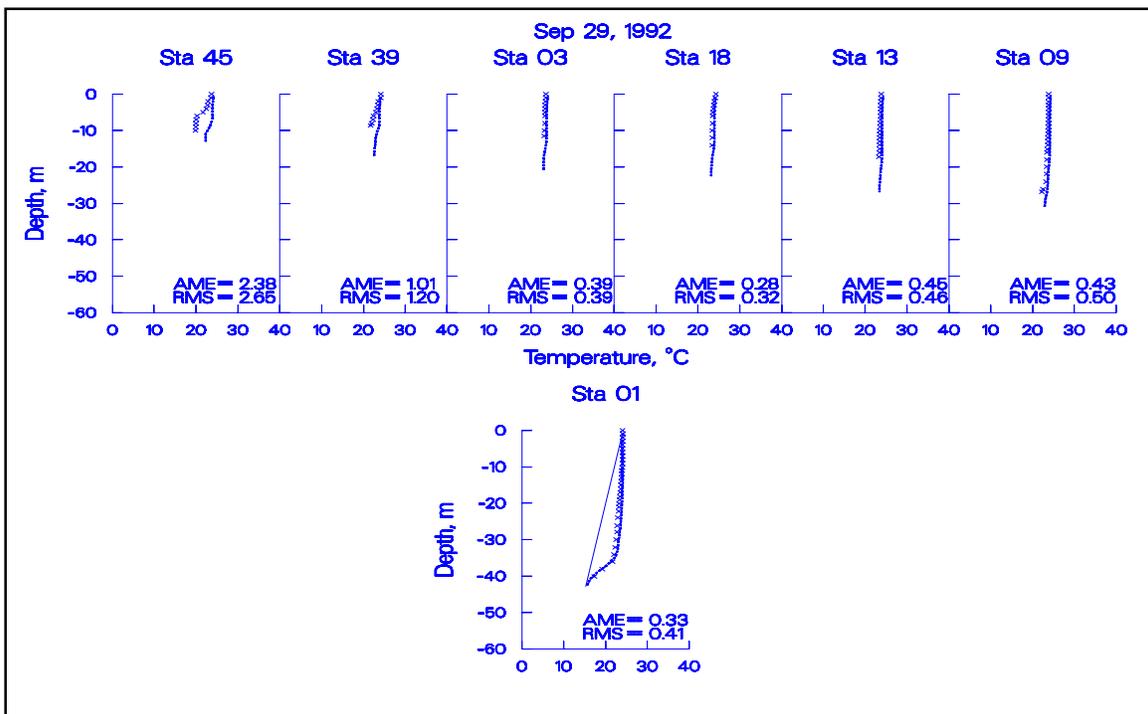


Figure A14. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, September 29

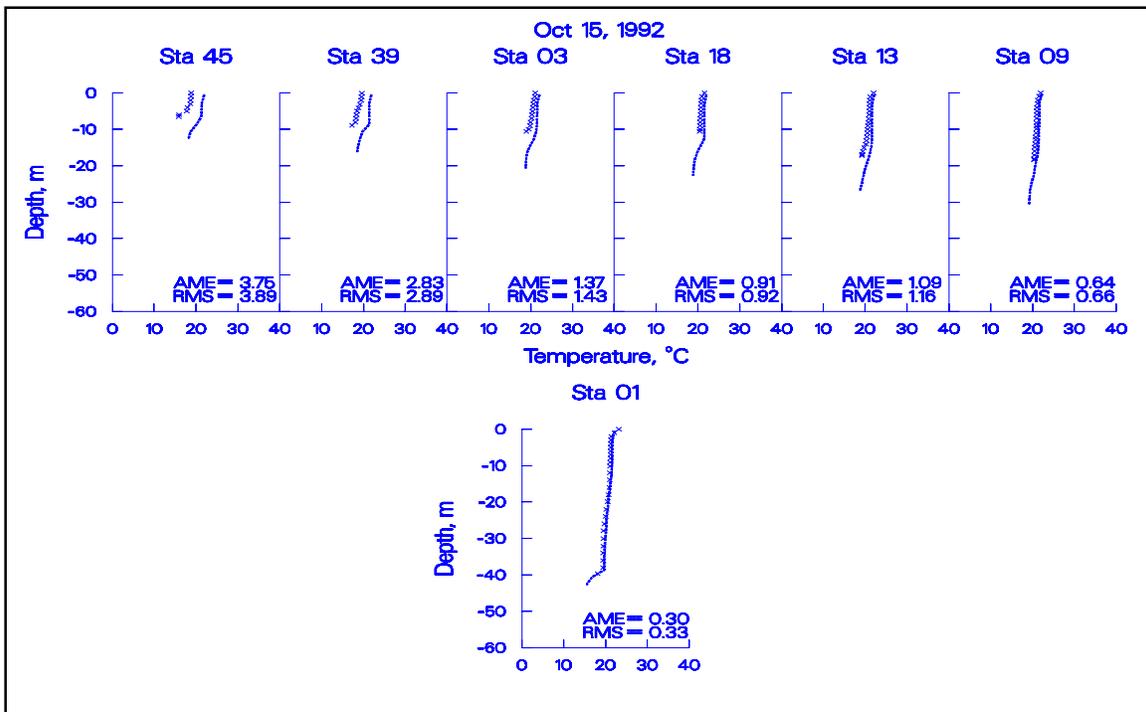


Figure A15. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, October 15

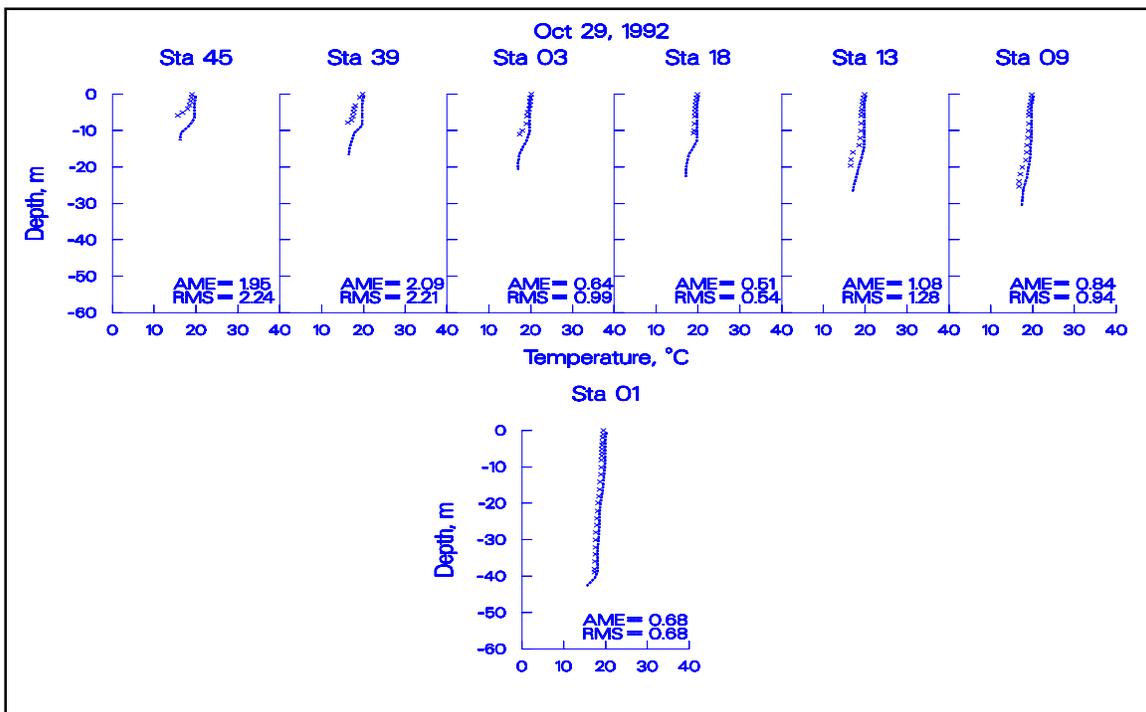


Figure A16. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, October 29

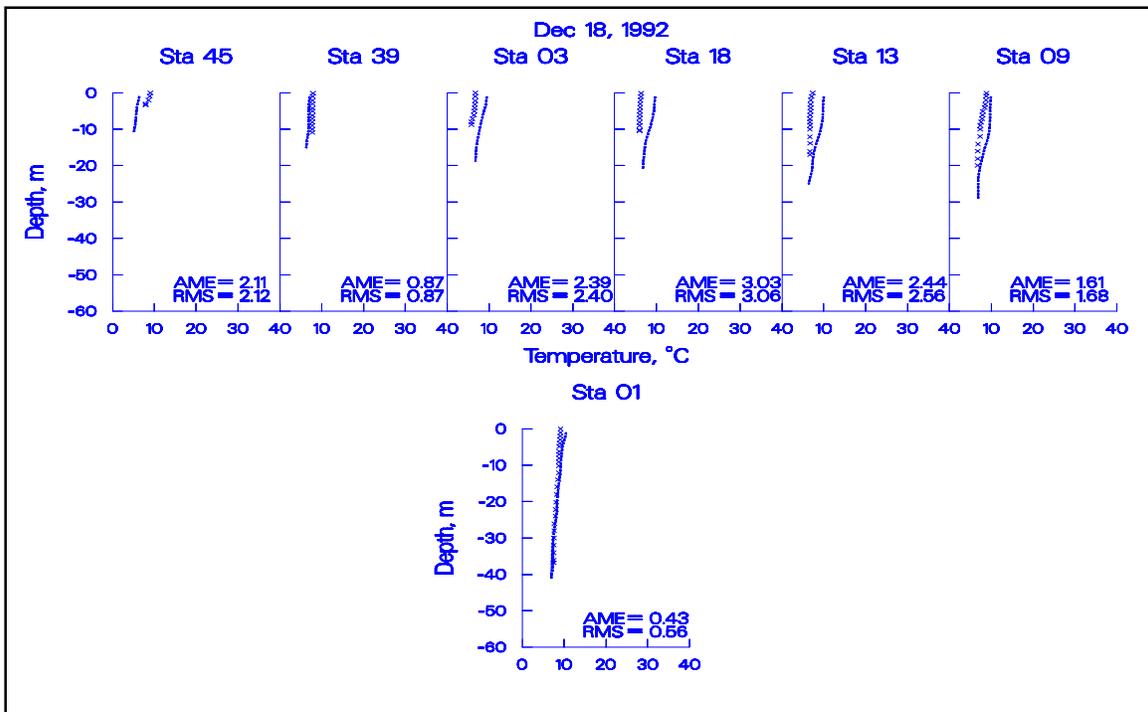


Figure A17. 1992 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, December 18

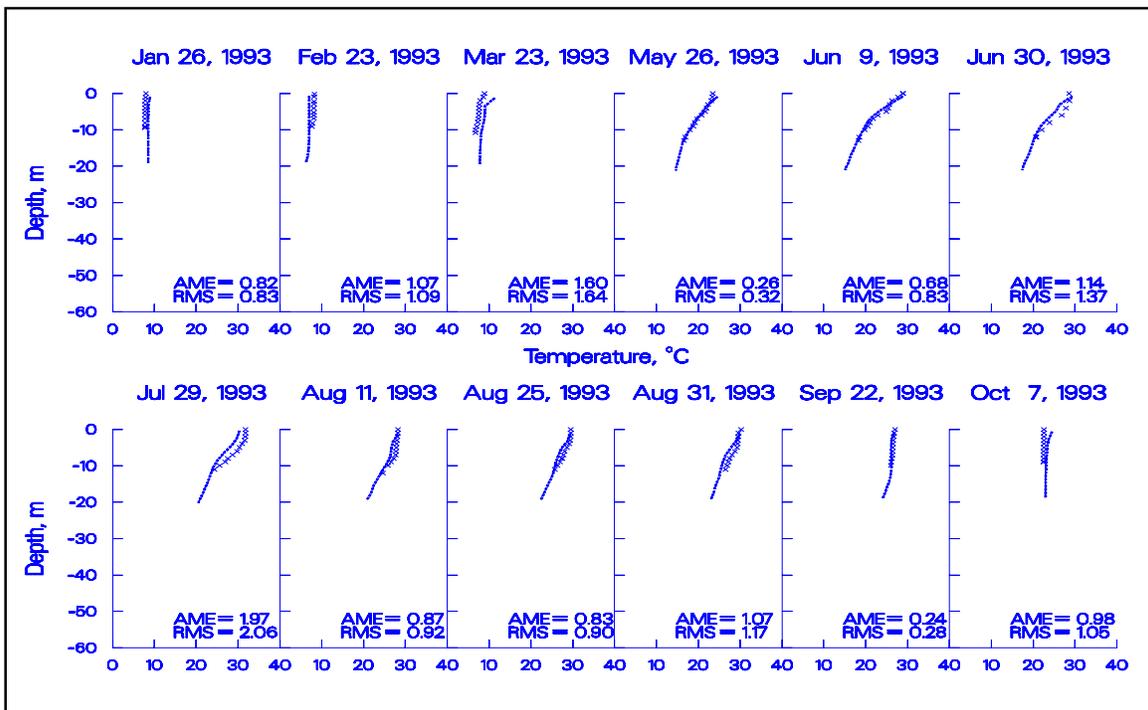


Figure A18. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 09

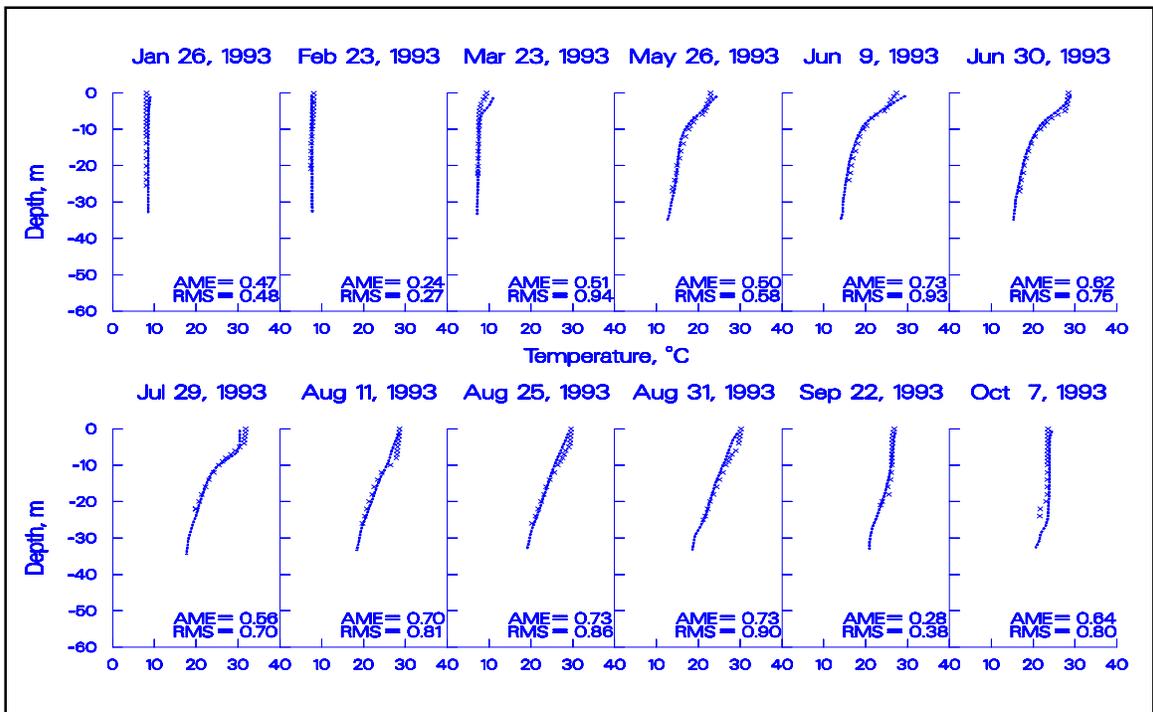


Figure A19. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 18

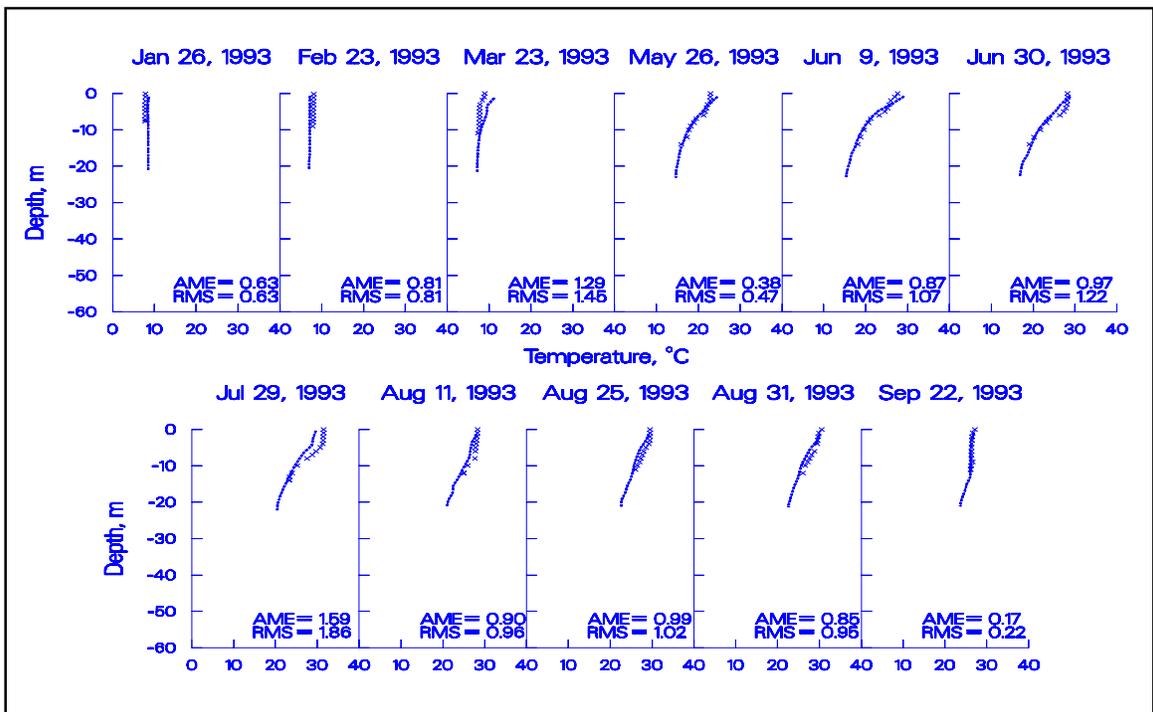


Figure A20. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 39

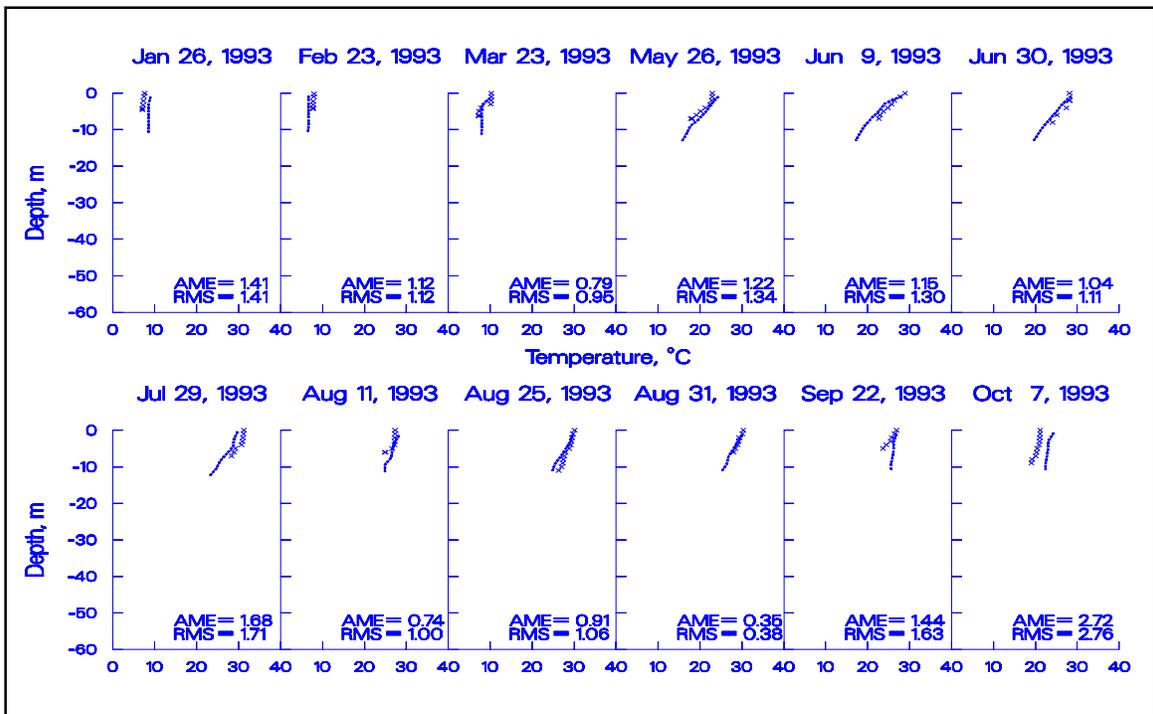


Figure A21. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 45

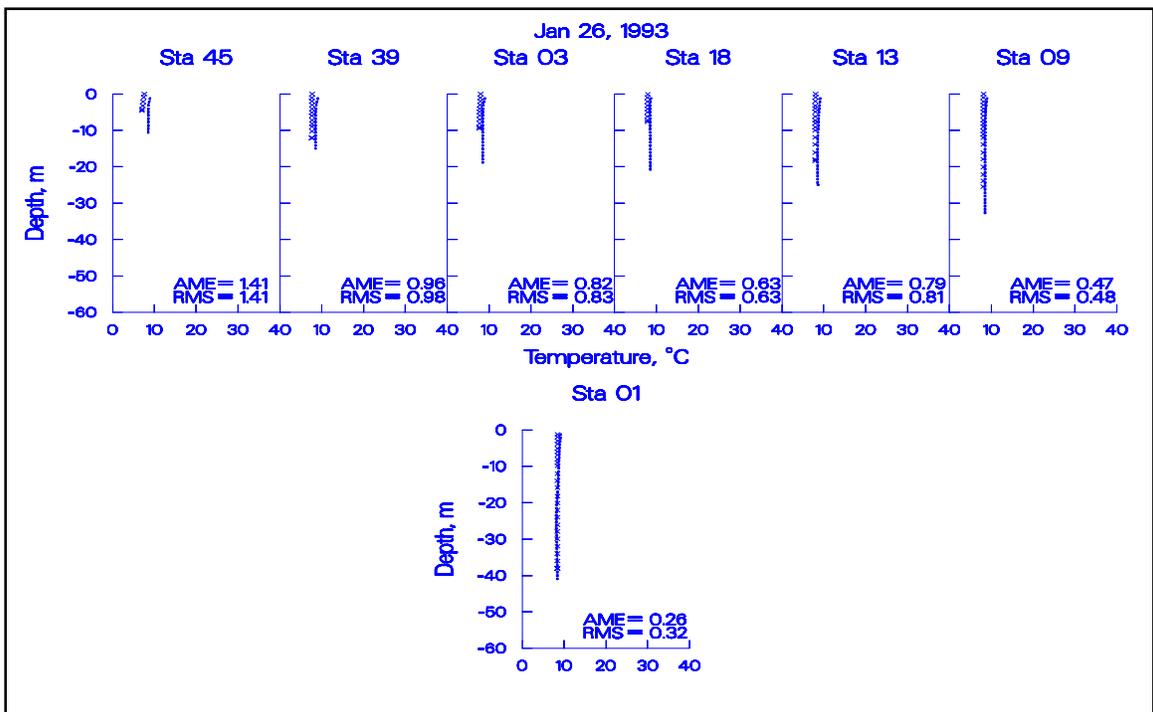


Figure A22. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, January 26

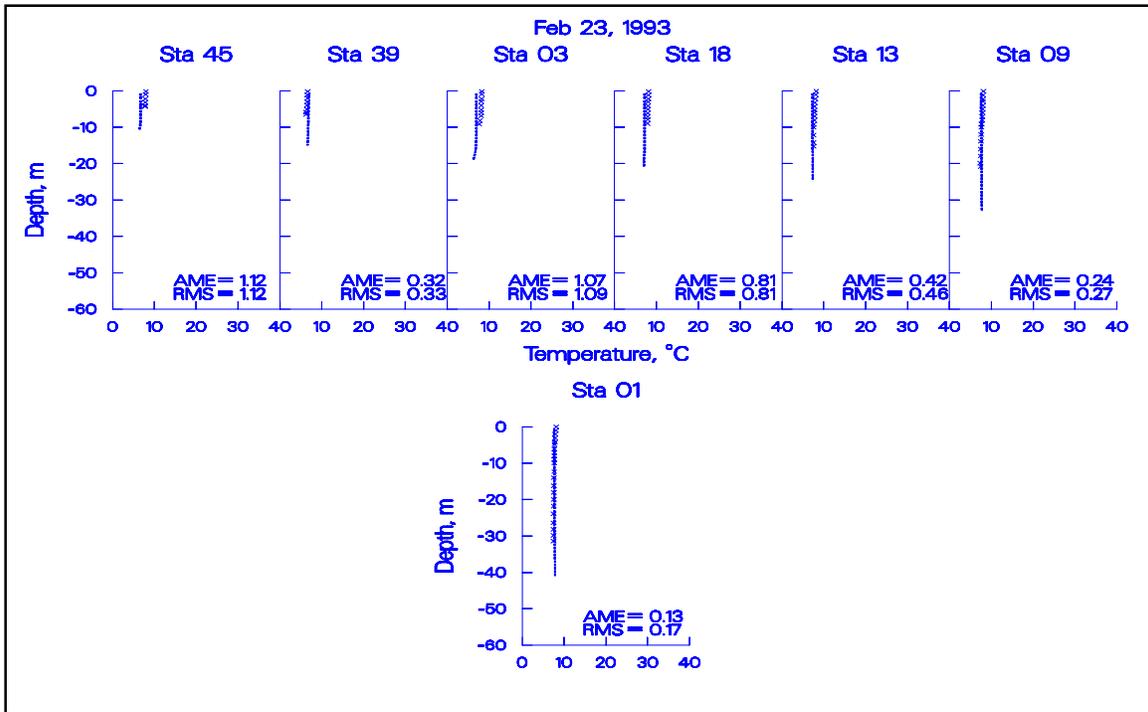


Figure A23. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, February 23

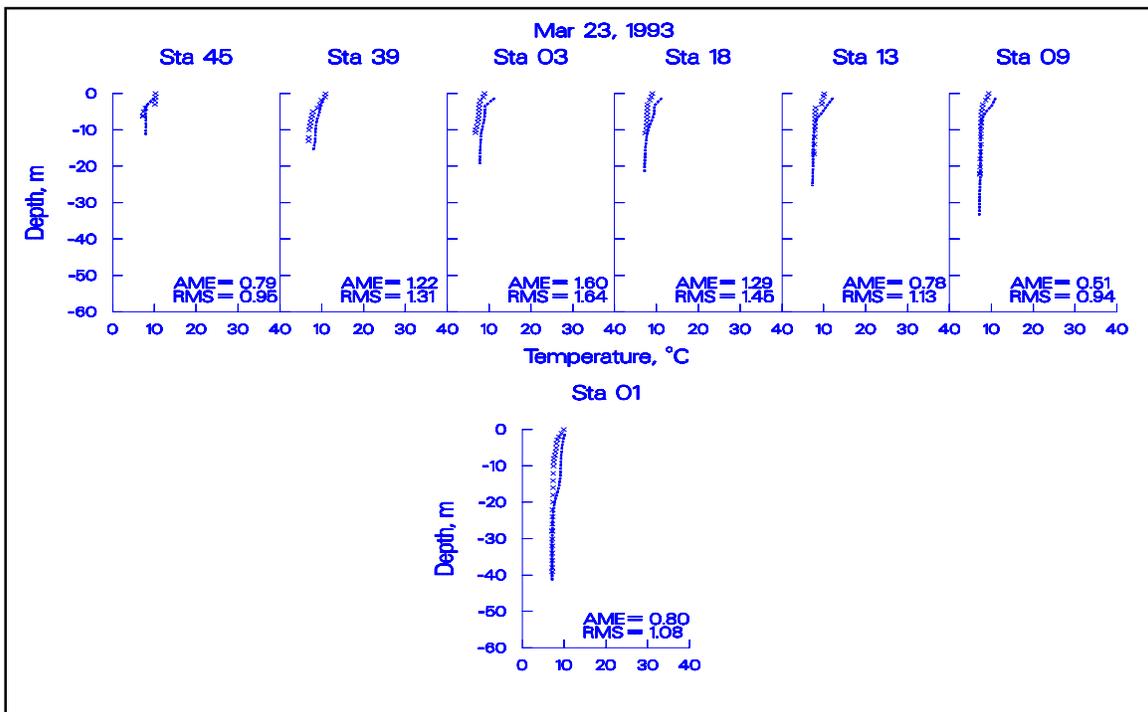


Figure A24. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, March 23

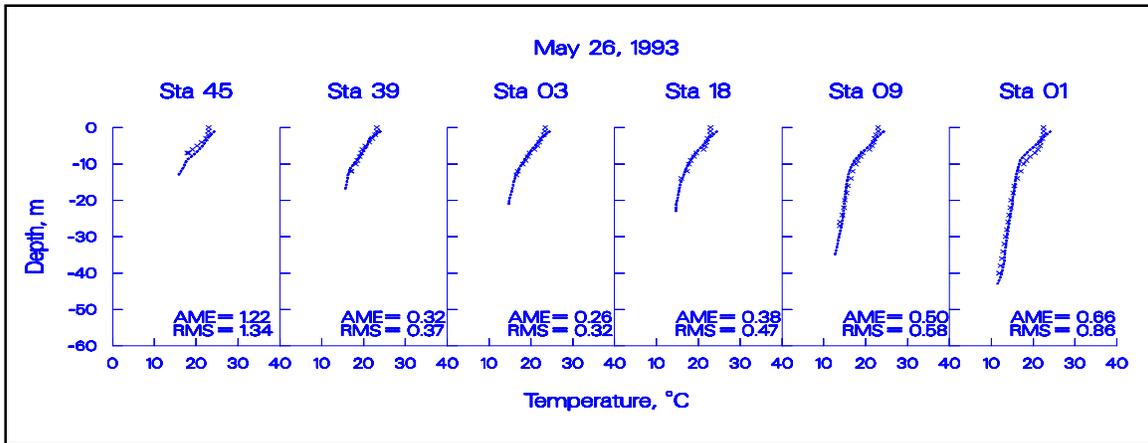


Figure A25. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, May 26

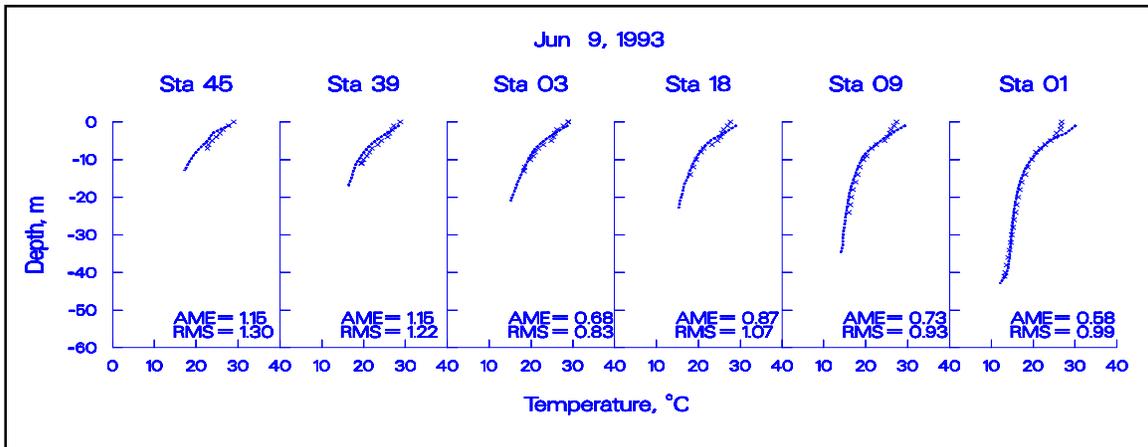


Figure A26. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, June 9

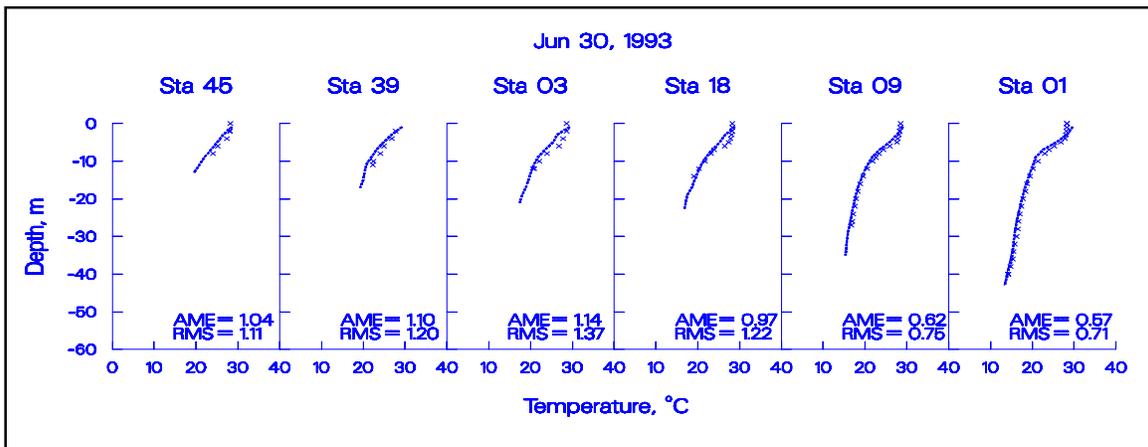


Figure A27. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, June 30

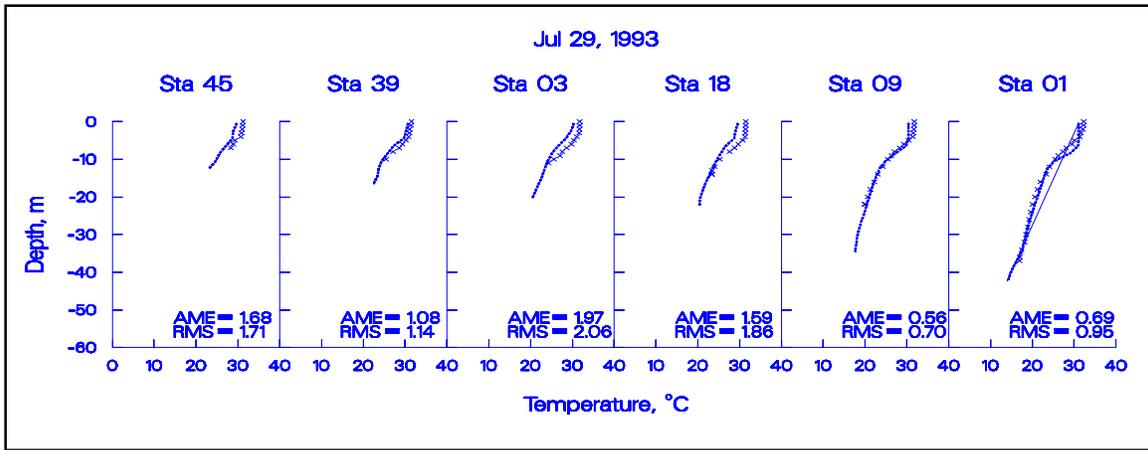


Figure A28. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, July 29

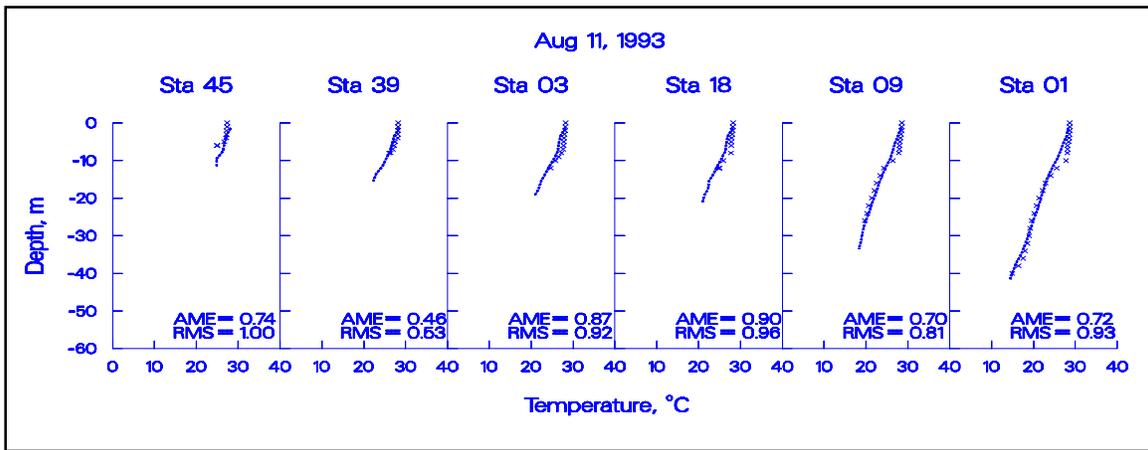


Figure A29. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, August 11

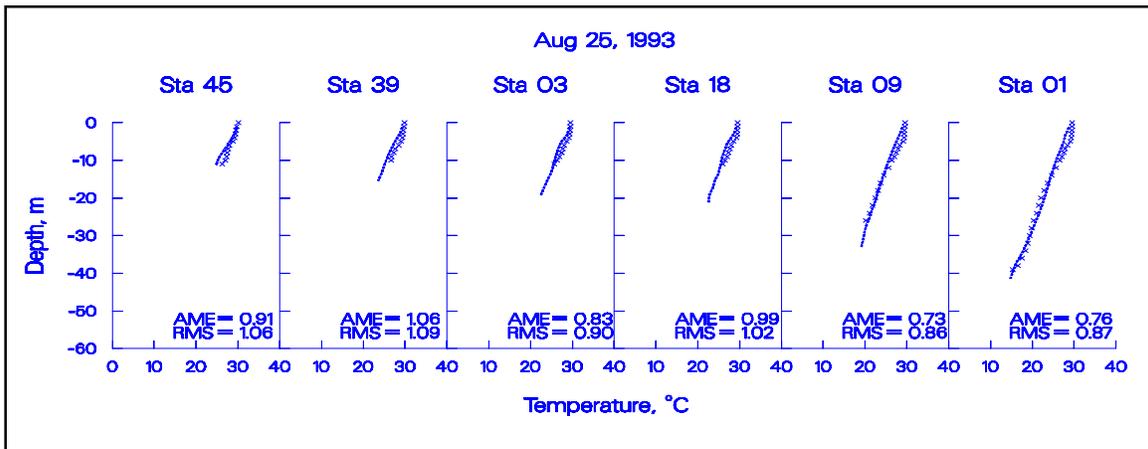


Figure A30. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, August 25

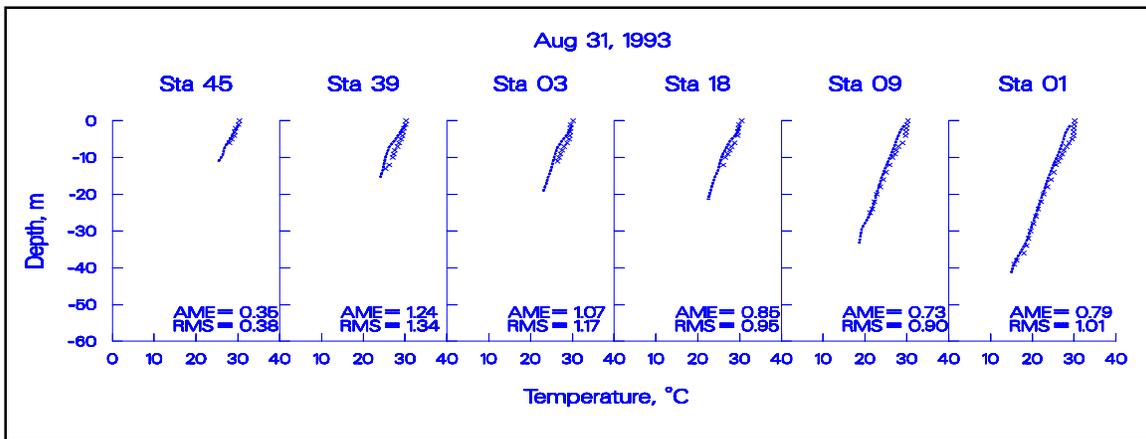


Figure A31. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, August 31

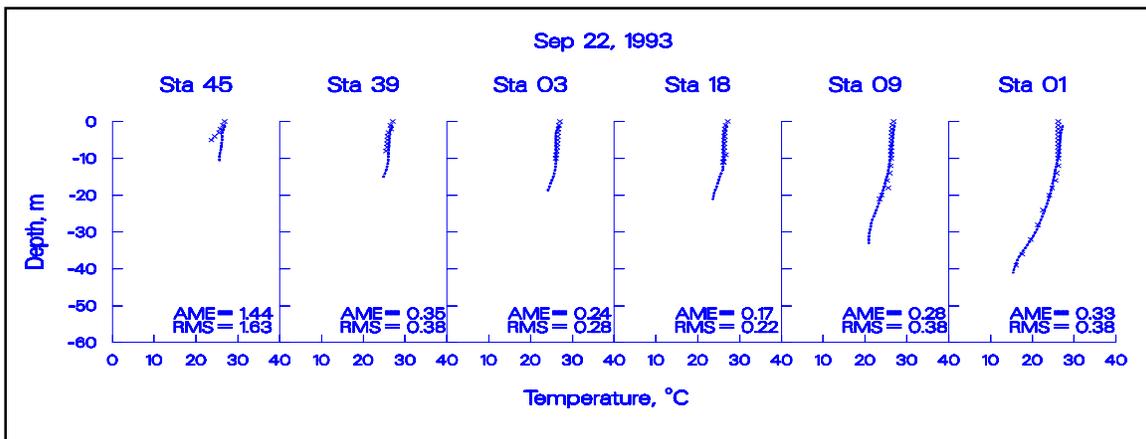


Figure A32. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, September 22

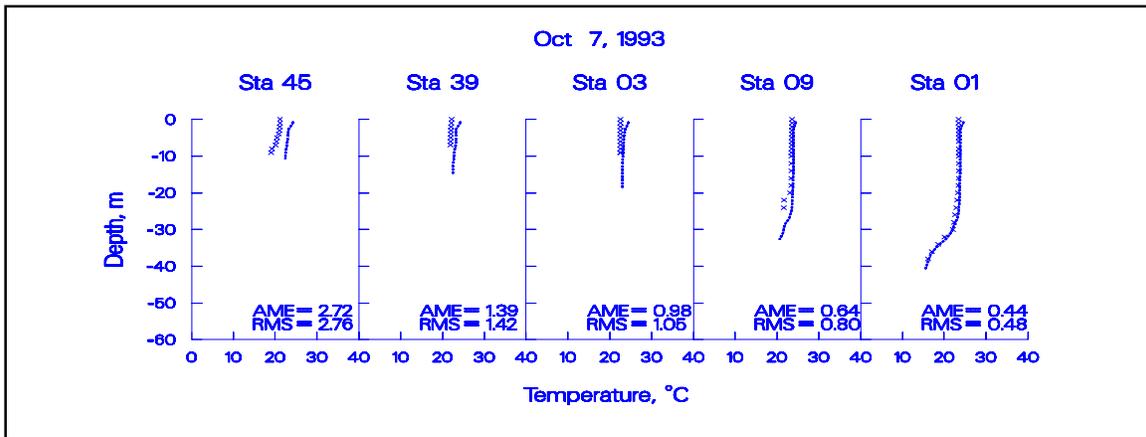


Figure A33. 1993 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations located along main axis of the reservoir, October 7

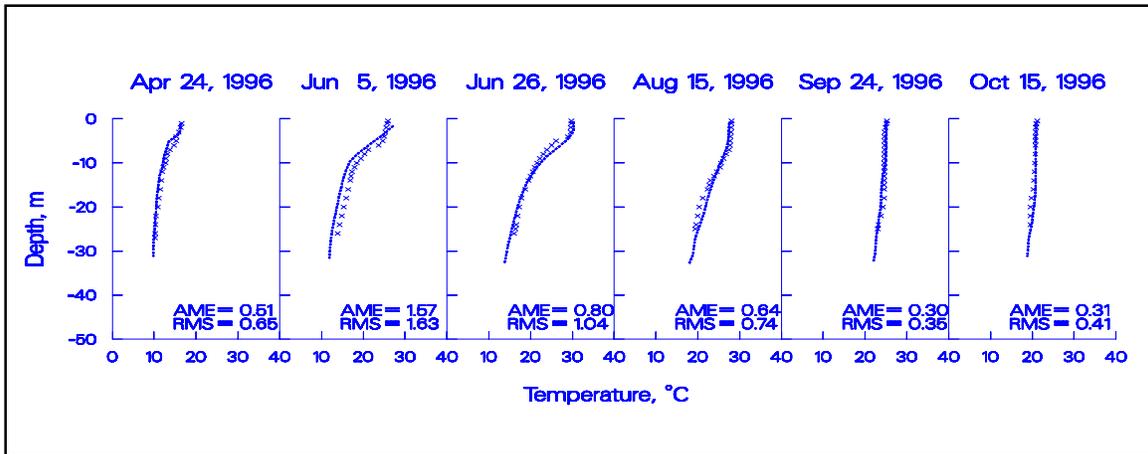


Figure A34. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 09

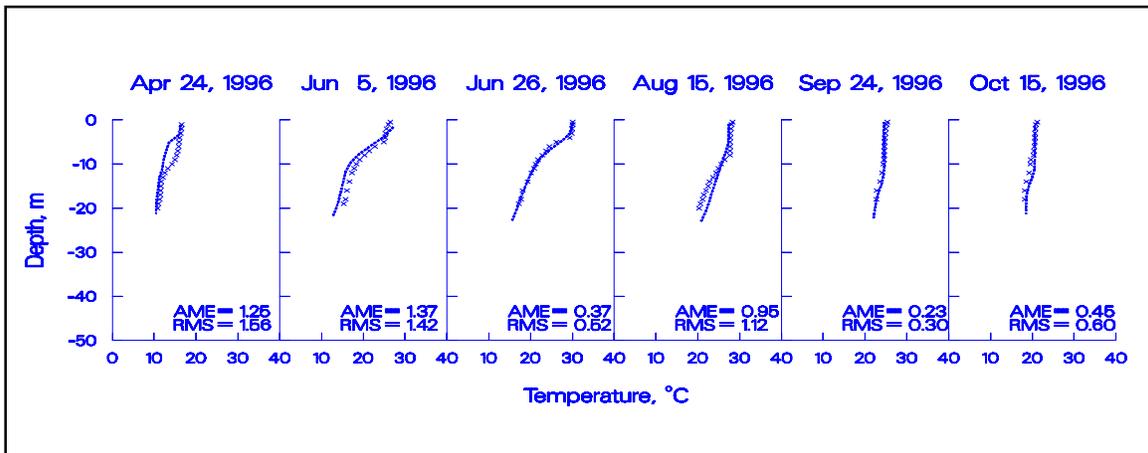


Figure A35. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 18

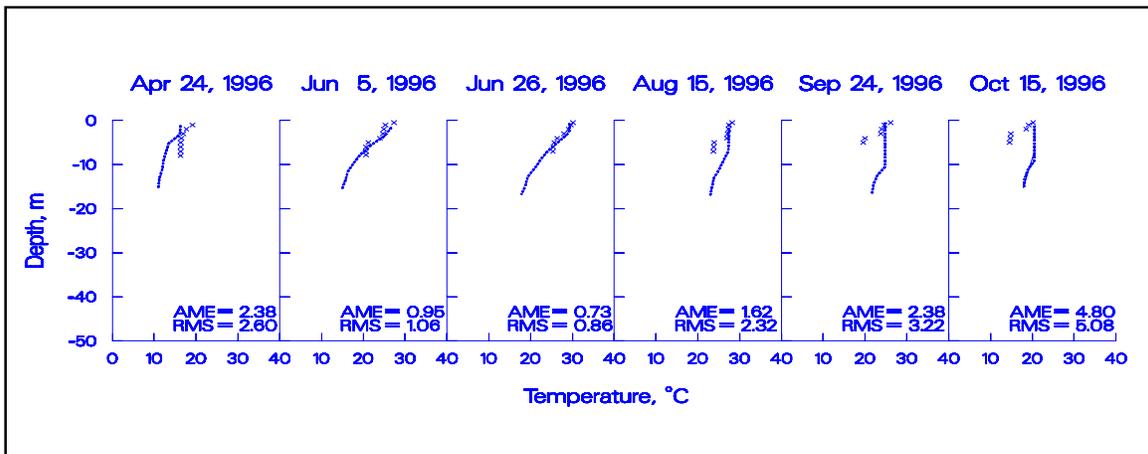


Figure A36. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 45

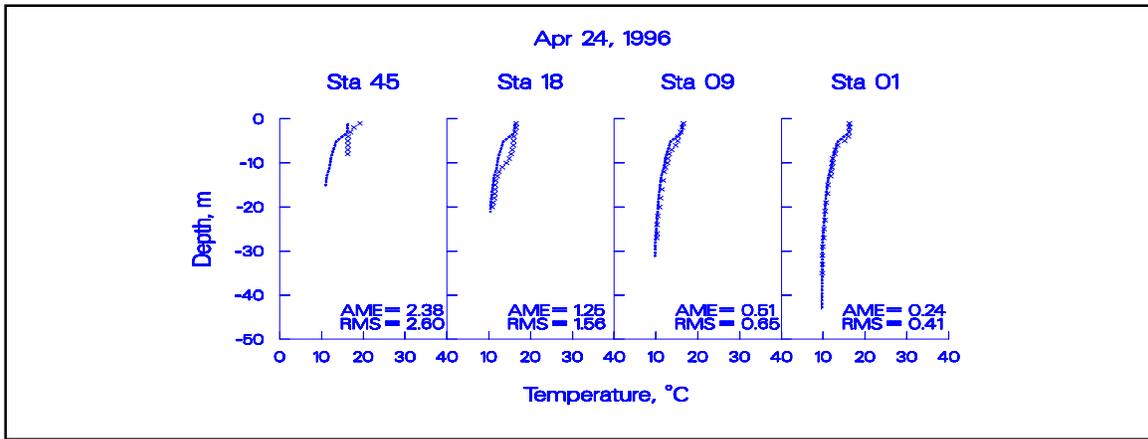


Figure A37. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, April 24

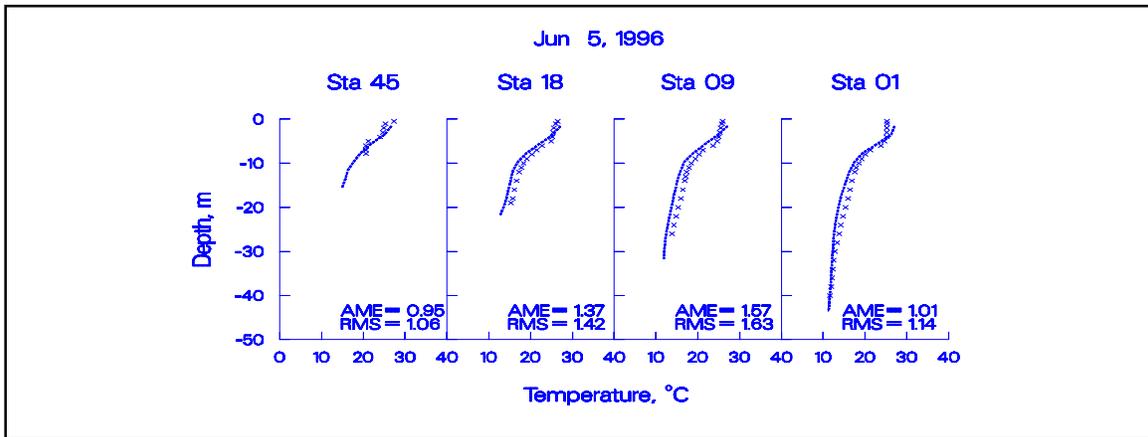


Figure A38. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, June 5

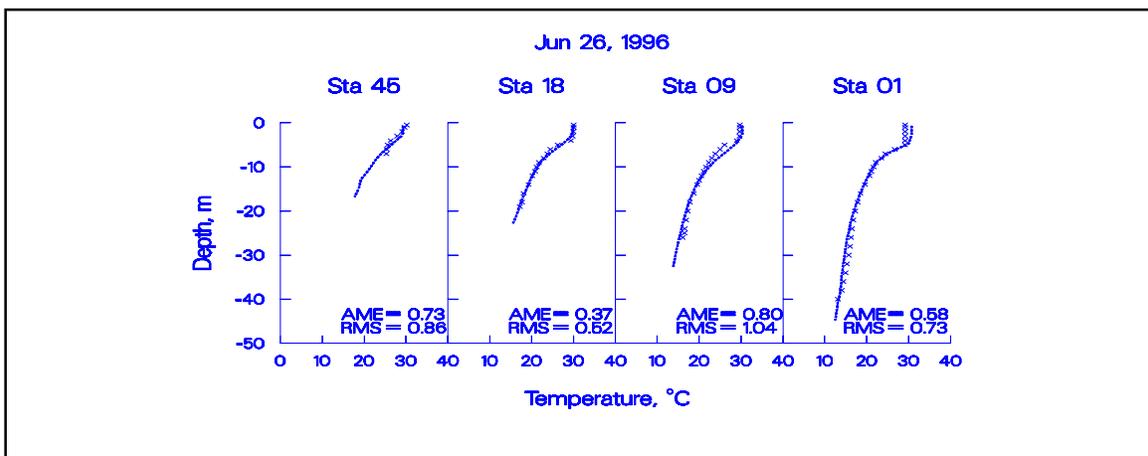


Figure A39. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, June 26

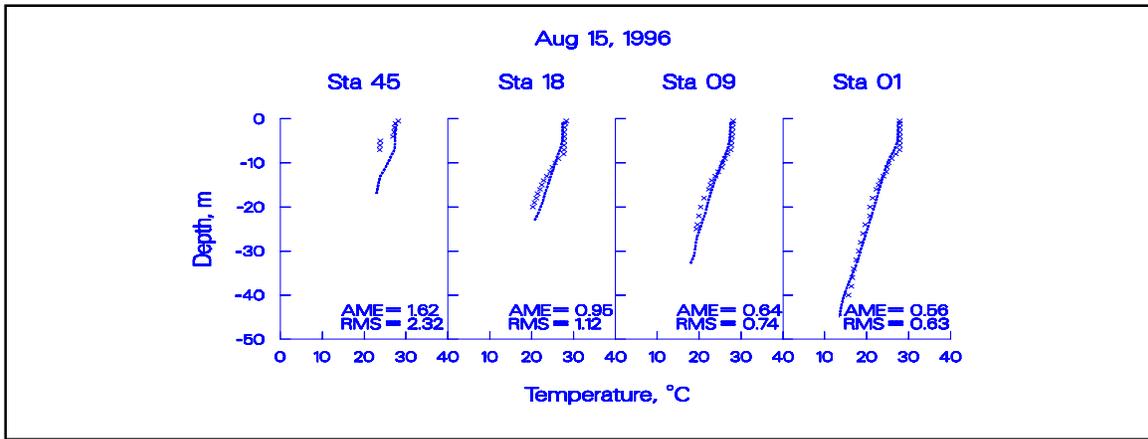


Figure A40. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, August 15

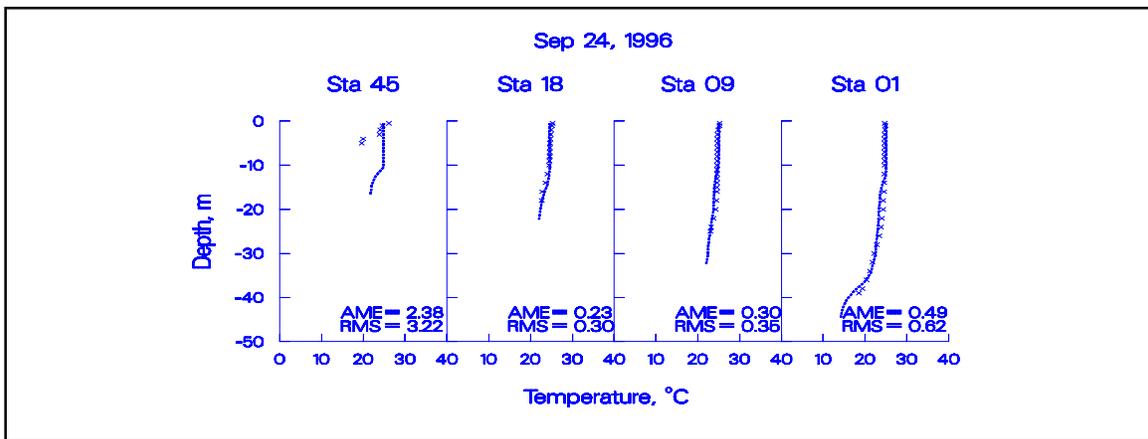


Figure A41. 1996 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, September 24

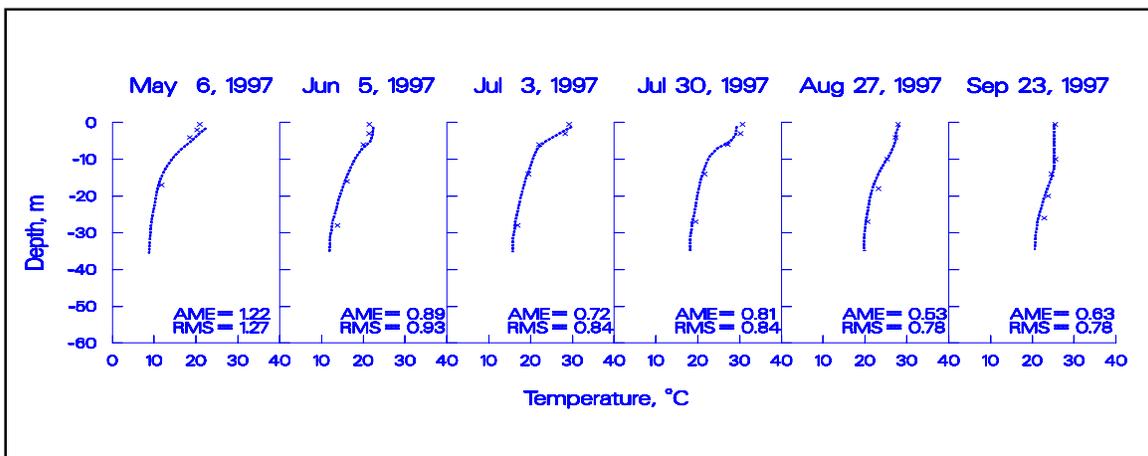


Figure A42. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 09

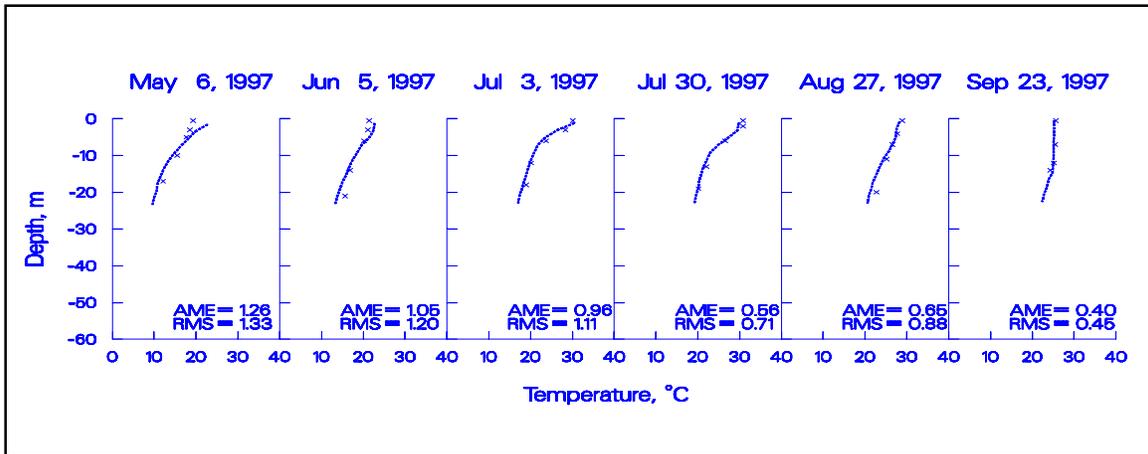


Figure A43. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 18

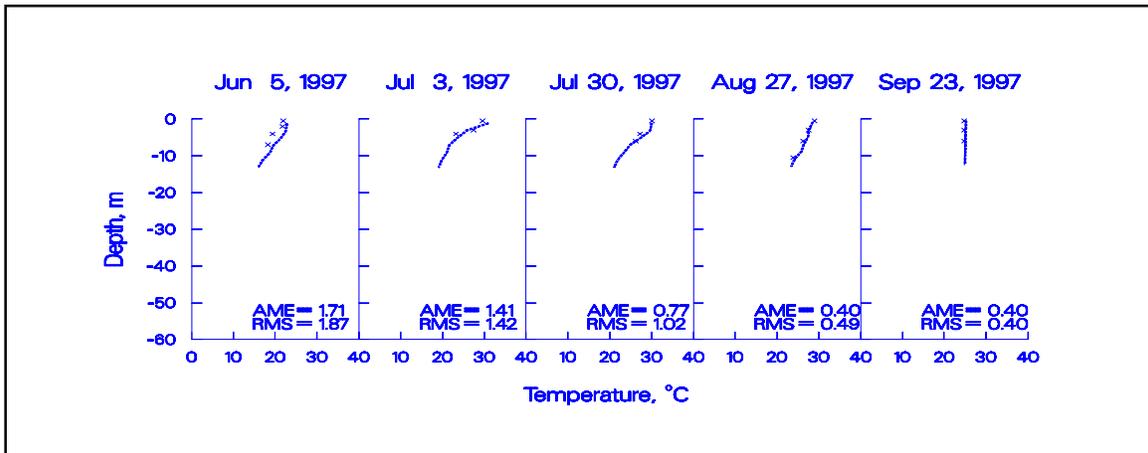


Figure A44. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for station 45

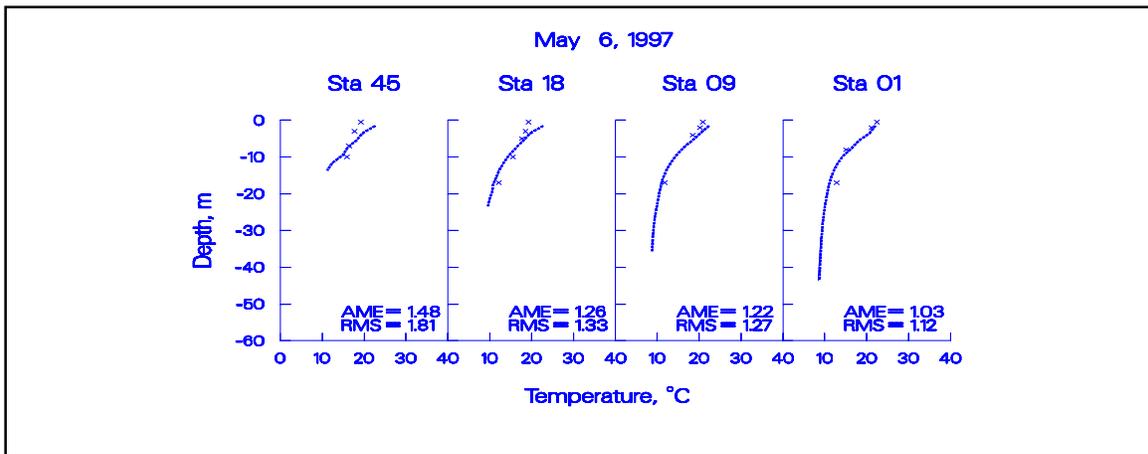


Figure A45. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, May 6

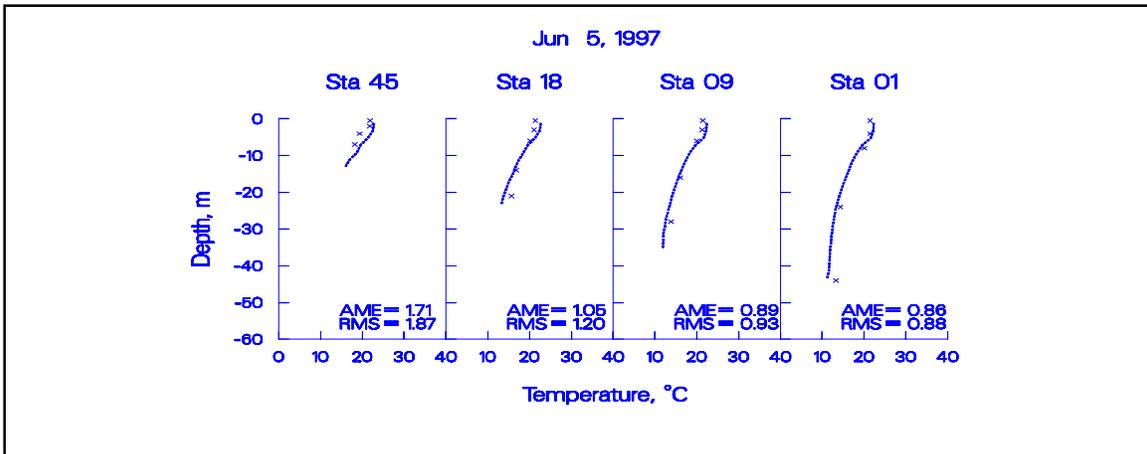


Figure A46. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, June 5

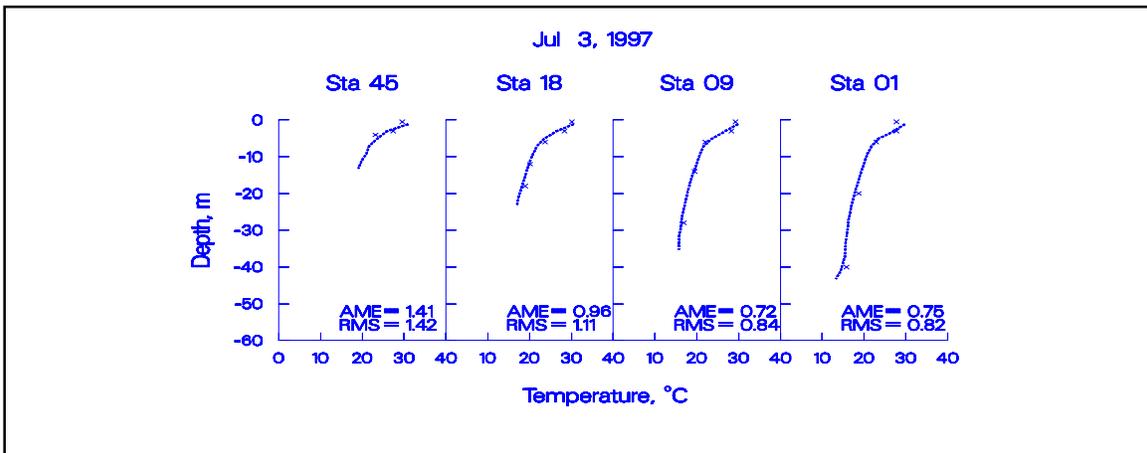


Figure A47. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, July 3

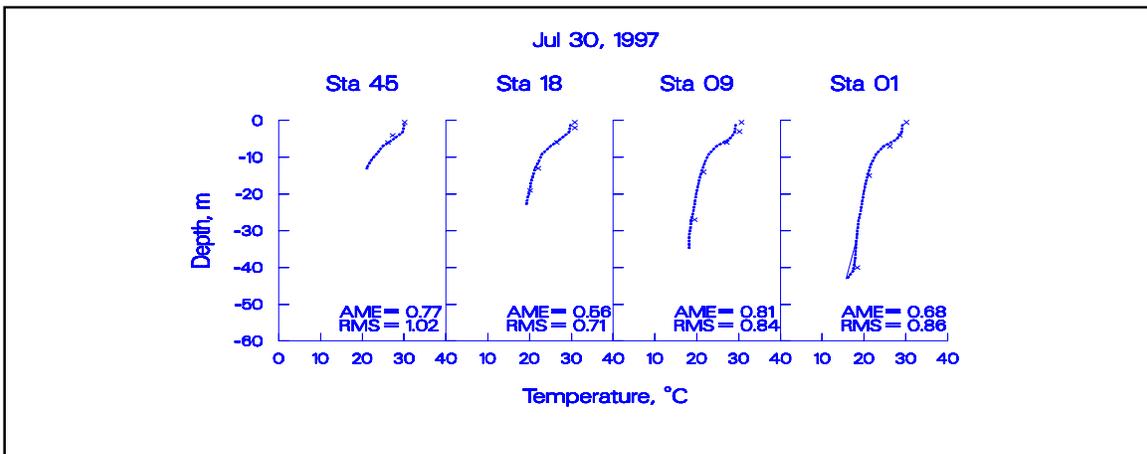


Figure A48. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, July 30

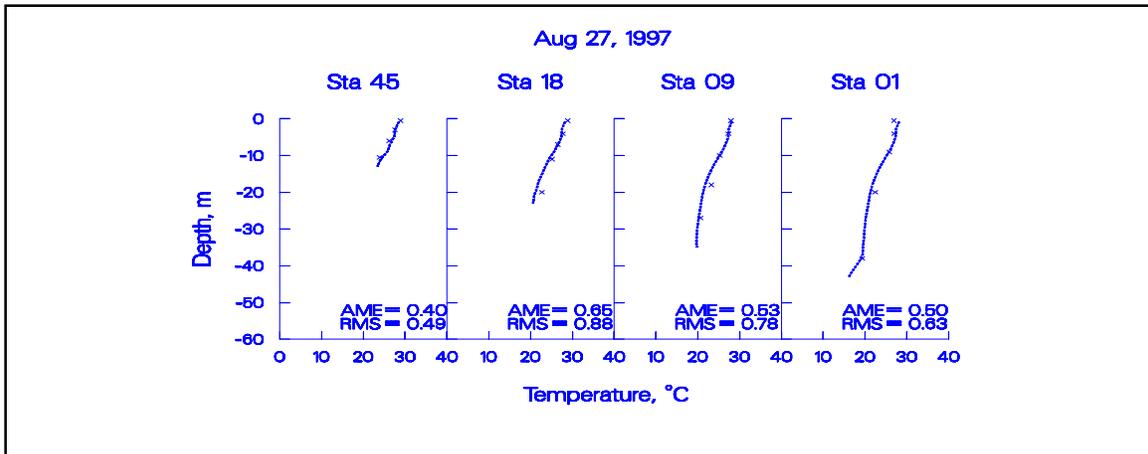


Figure A49. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, August 27

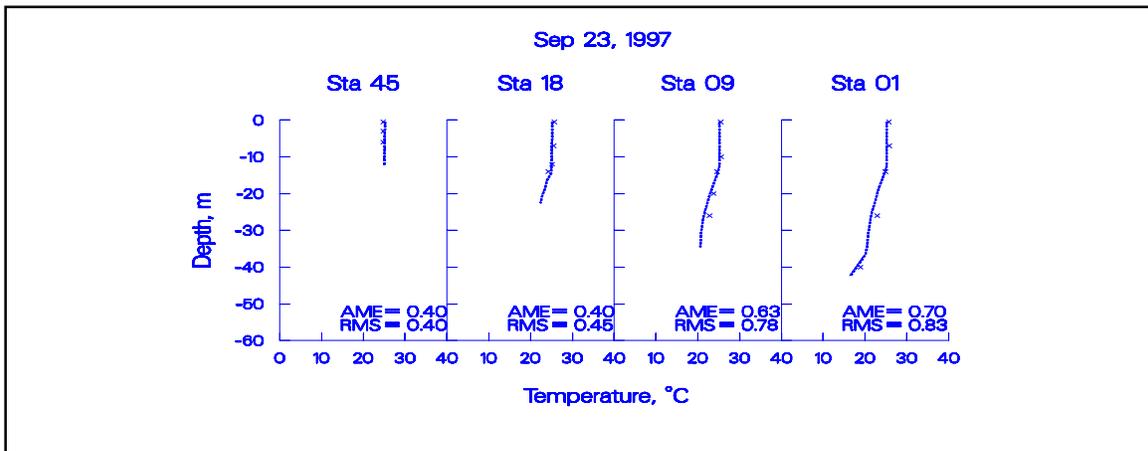


Figure A50. 1997 Allatoona Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, September 23

West Point

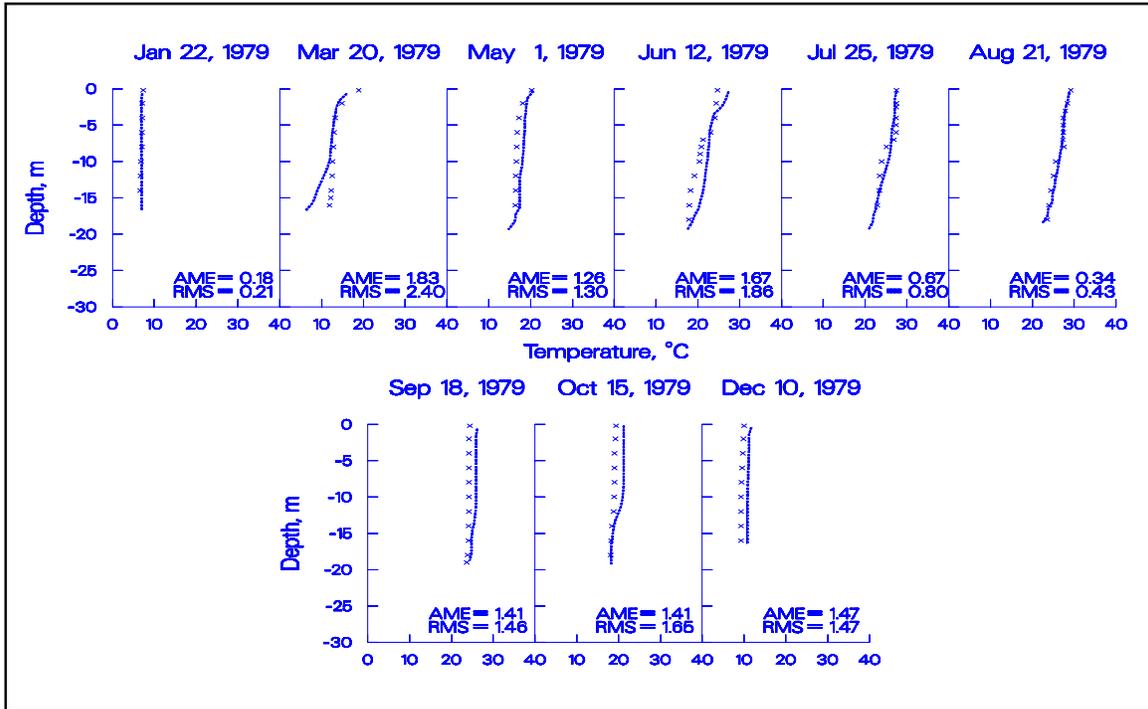


Figure A51. 1979 West Point Reservoir computed (...) versus observed (x) temperatures for station 05

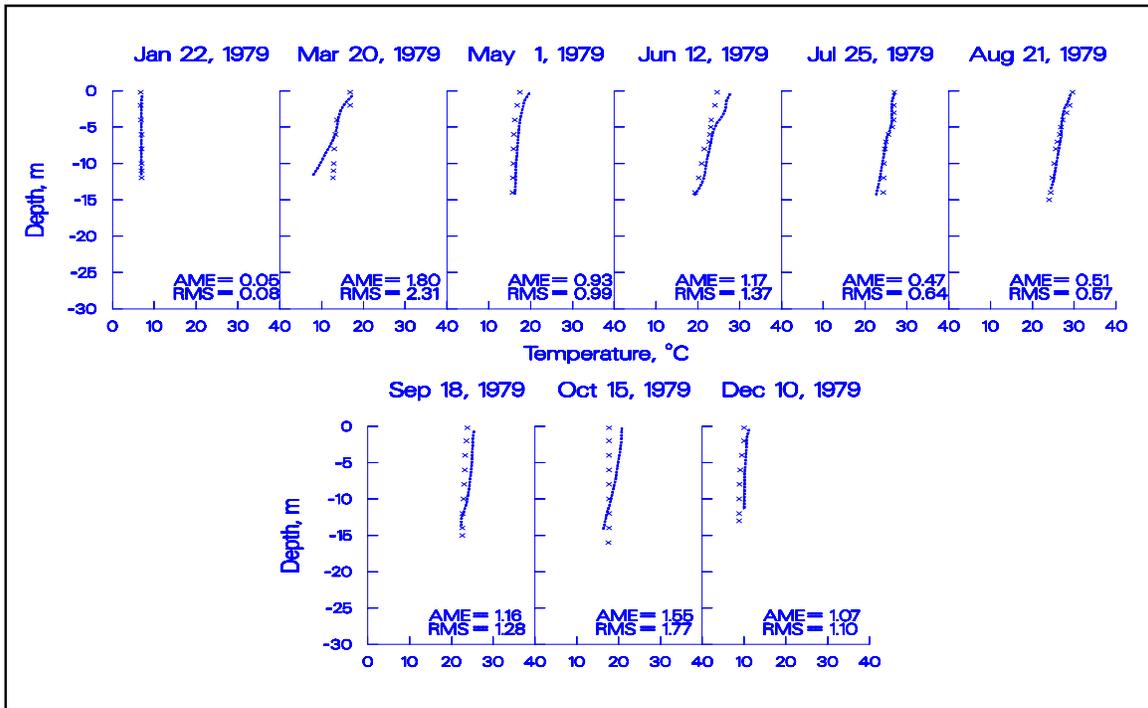


Figure A52. 1979 West Point Reservoir computed (...) versus observed (x) temperatures for station 07

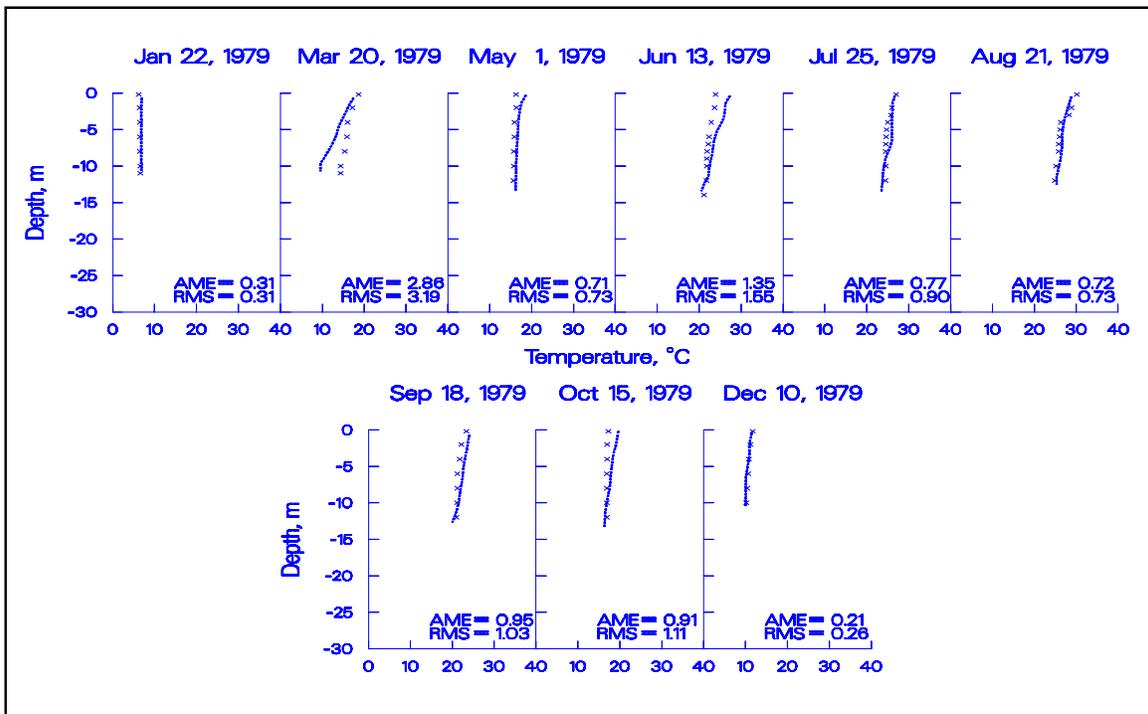


Figure A53. 1979 West Point Reservoir computed (...) versus observed (x) temperatures for station 10

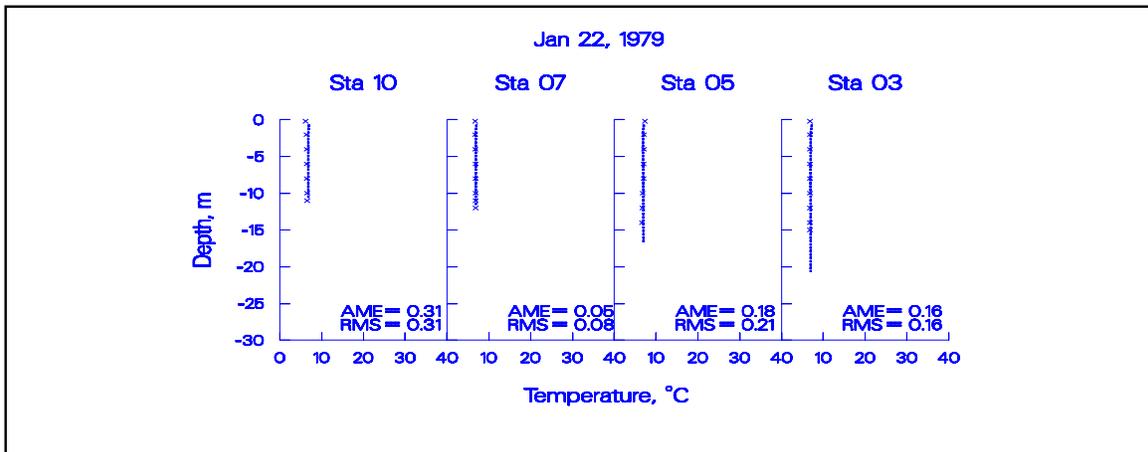


Figure A54. 1979 West Point Reservoir computed (...) versus observed (x) temperatures for stations along the mainstem, January 22