

Figure A.1. Isothermal Contours, at TR2, Triadelphia Reservoir, 1998-2003

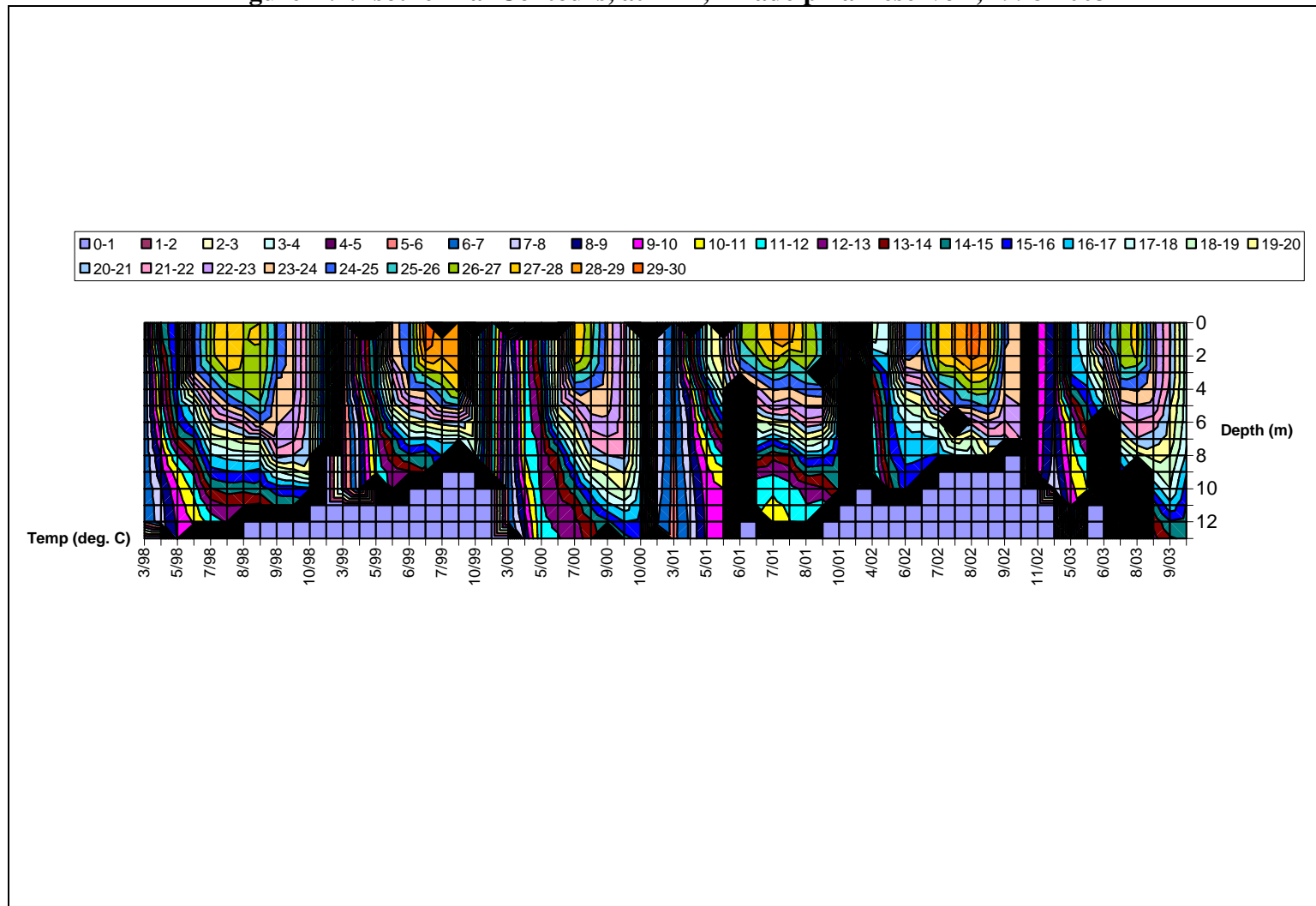


Figure A.2. Isothermal Contours, at TR3, Triadelphia Reservoir, 1998-2003

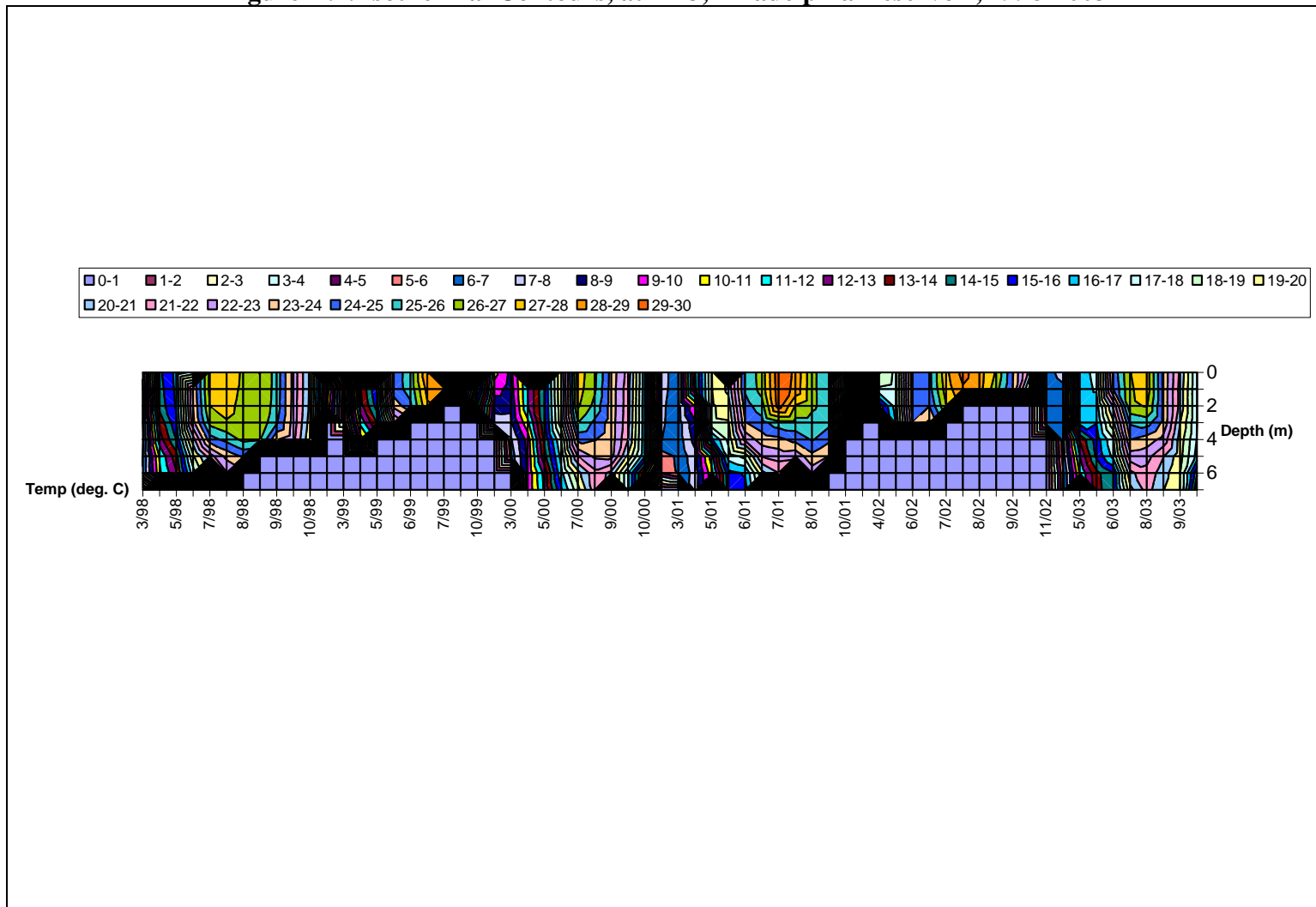


Figure A.3. Isothermal Contours, at RG1, Rocky Gorge Reservoir, 1998-2003

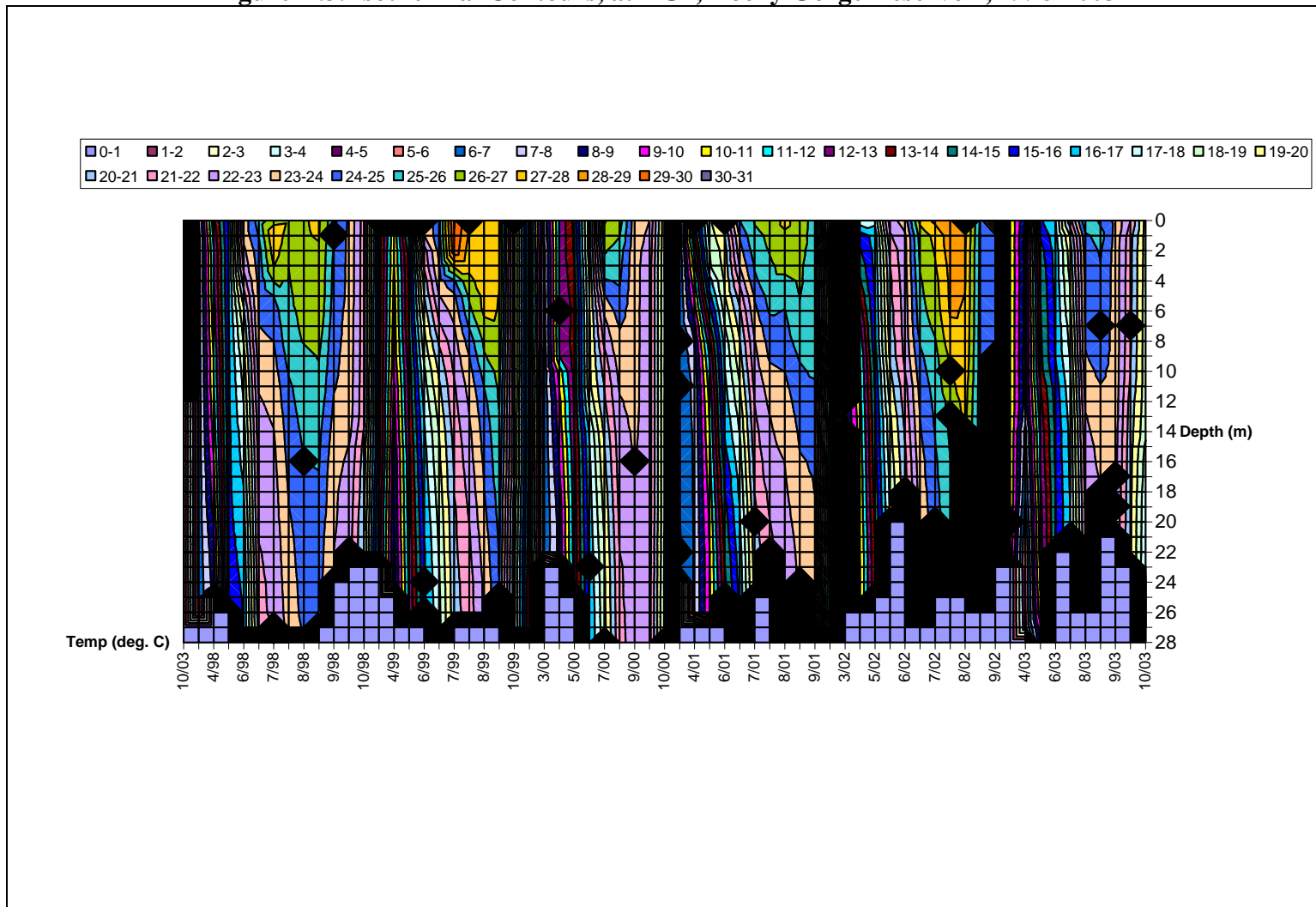


Figure A.4. Isothermal Contours, at RG2, Rocky Gorge Reservoir, 1998-2003

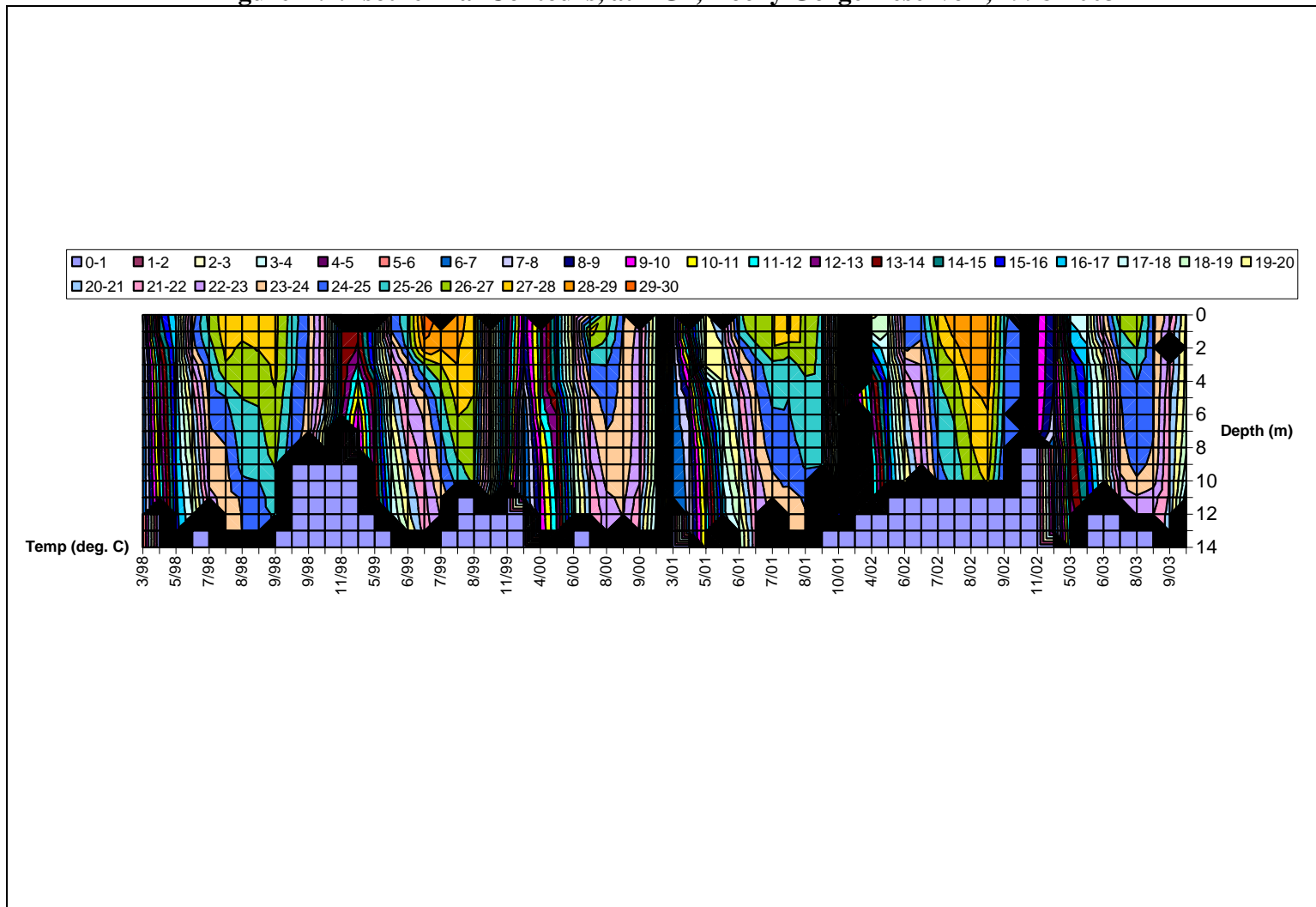


Figure A.5. Isothermal Contours, at RG3, Rocky Gorge Reservoir, 1998-2003

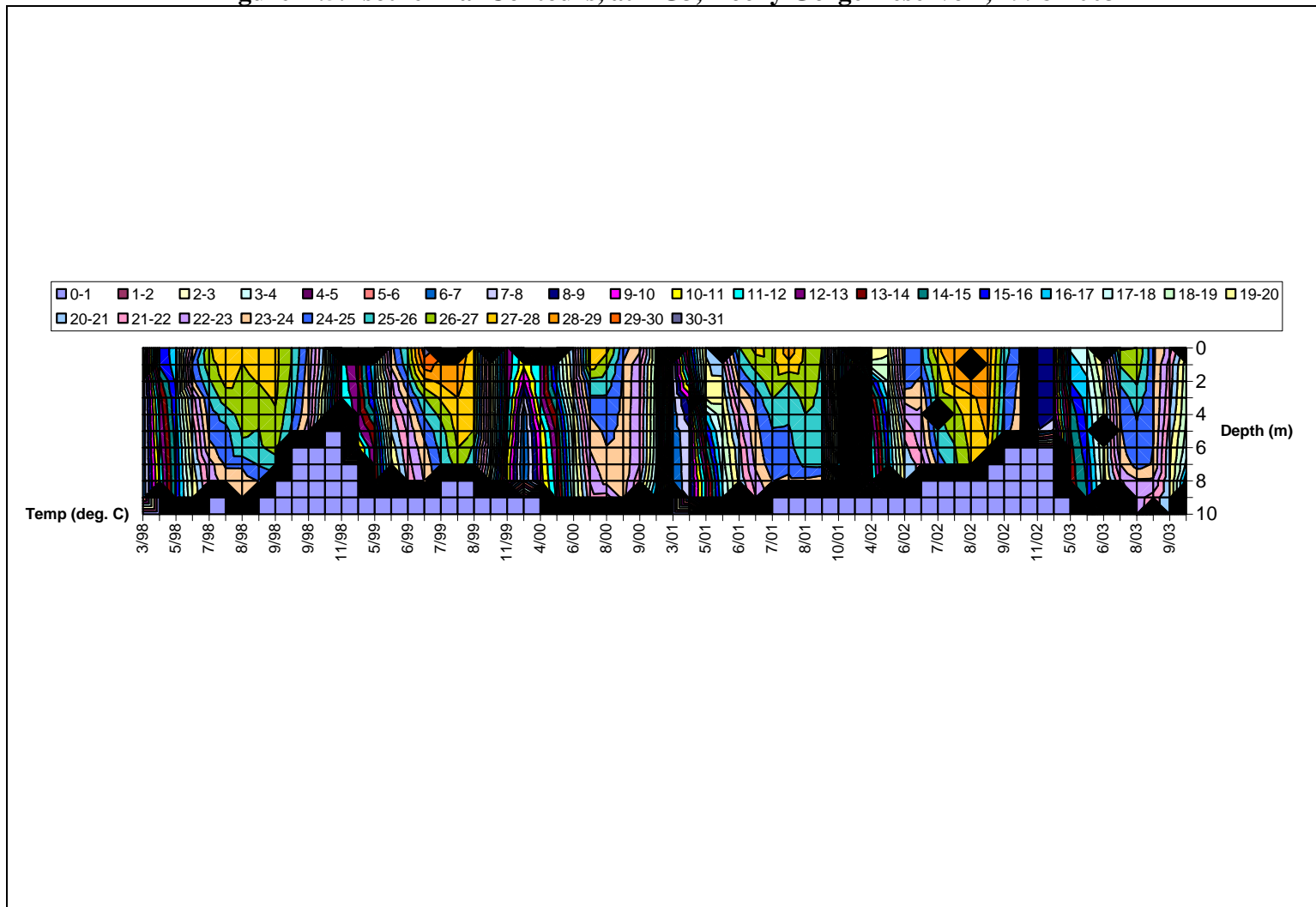


Figure A.6. DO Contours, at TR2, Triadelphia Reservoir, 1998-2003

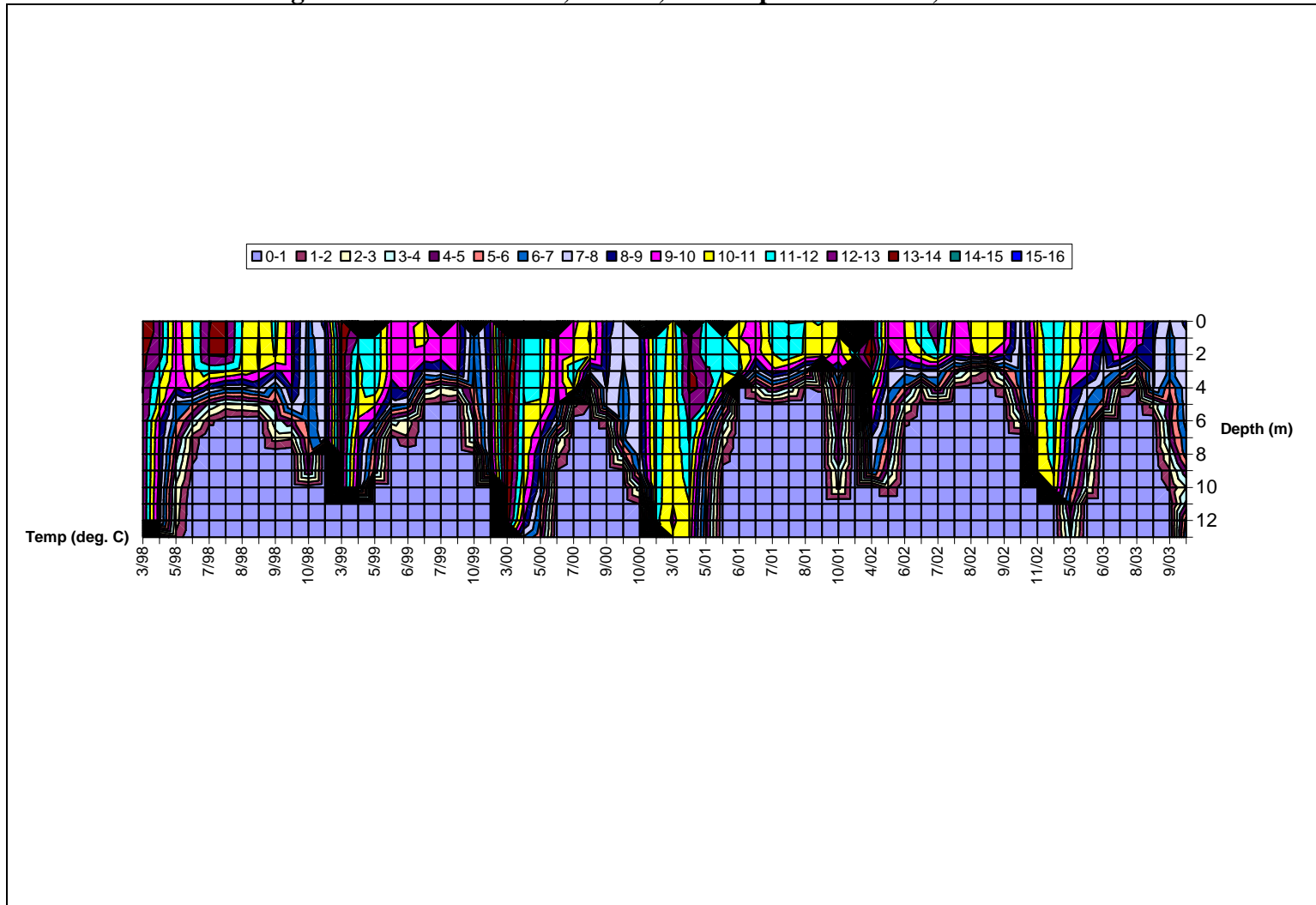


Figure A.7. DO Contours, at TR3, Triadelphia Reservoir, 1998-2003

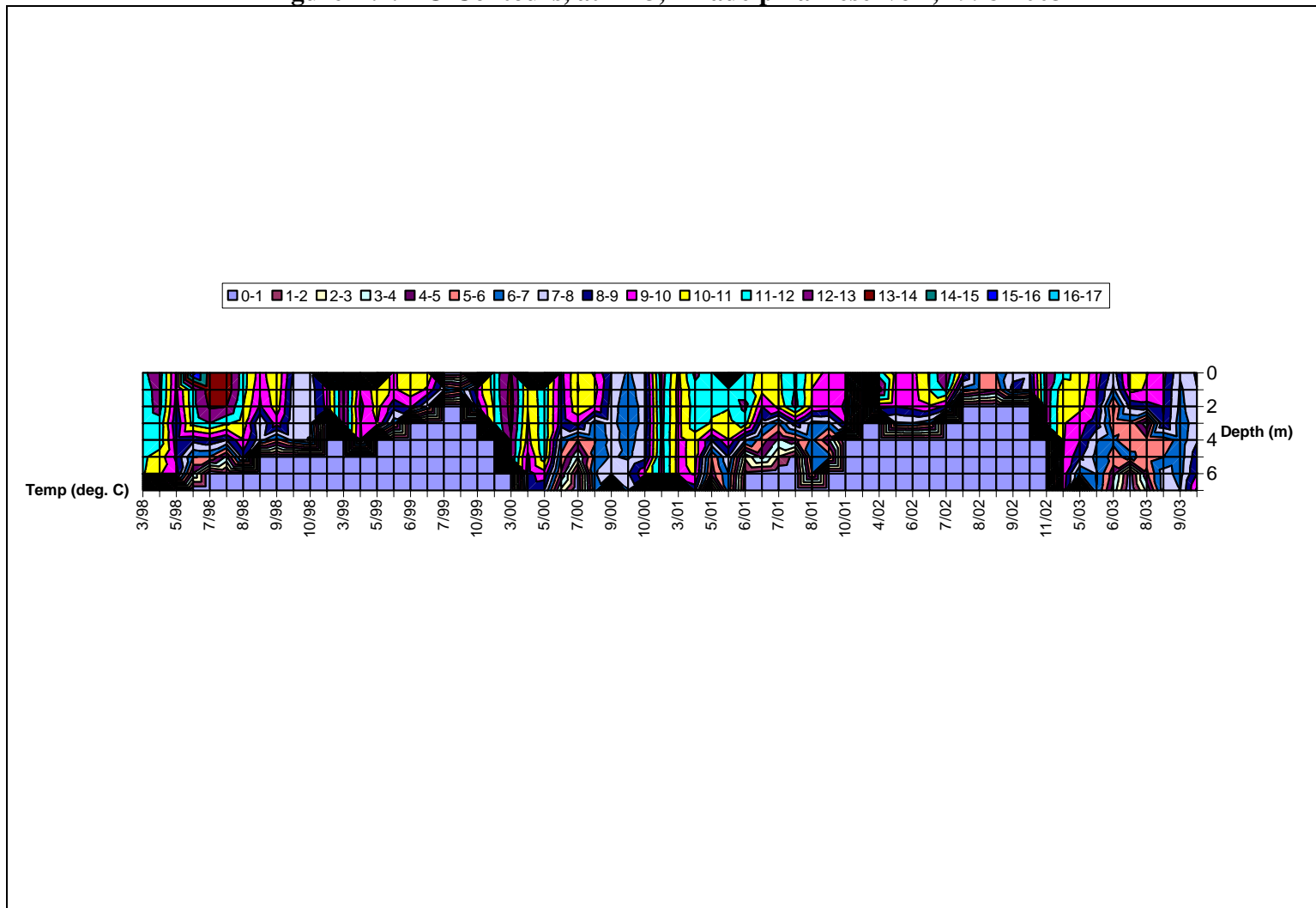


Figure A.8. DO Contours, at RG1, Rocky Gorge Reservoir, 1998-2003

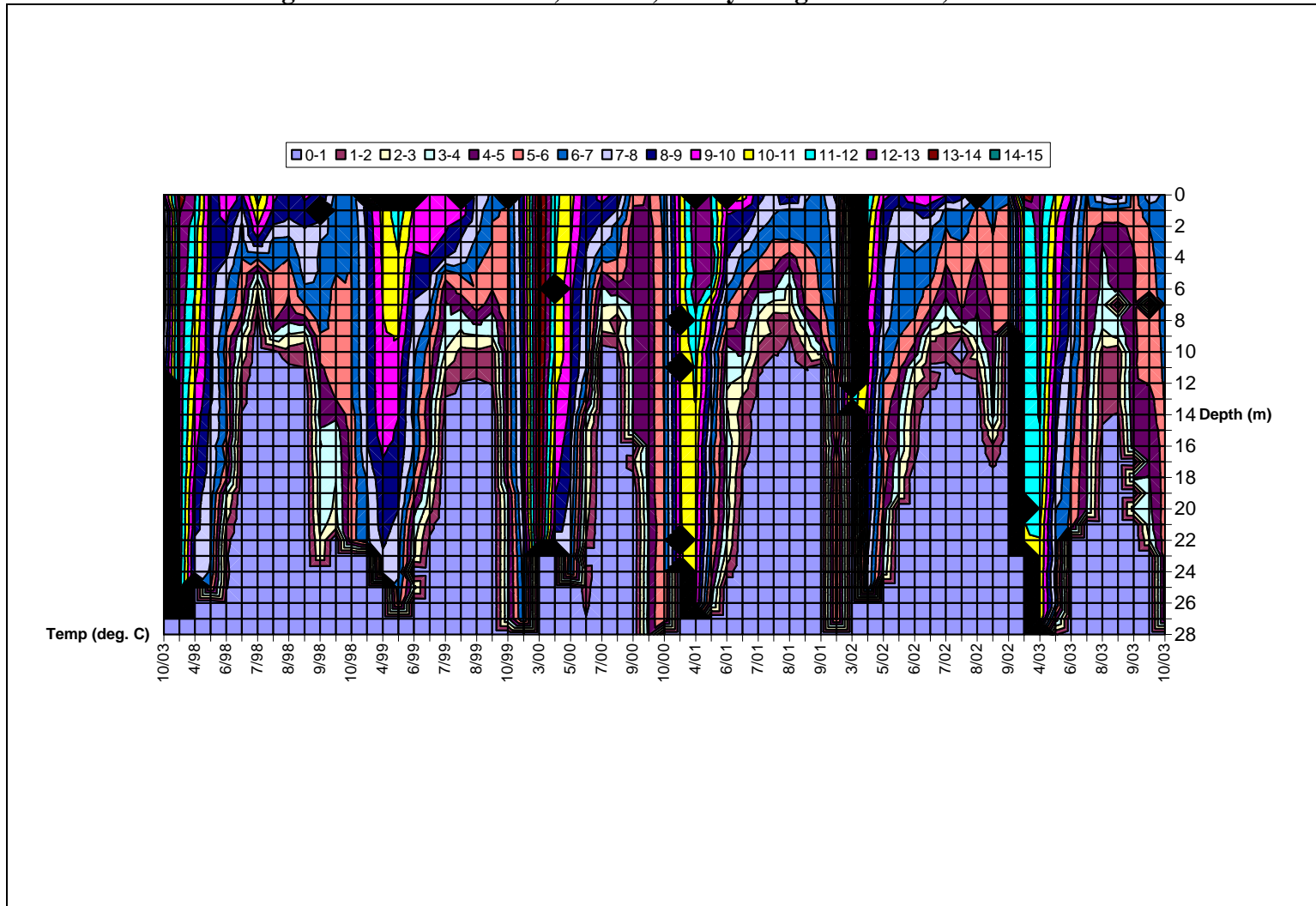


Figure A.9. DO Contours, at RG2, Rocky Gorge Reservoir, 1998-2003

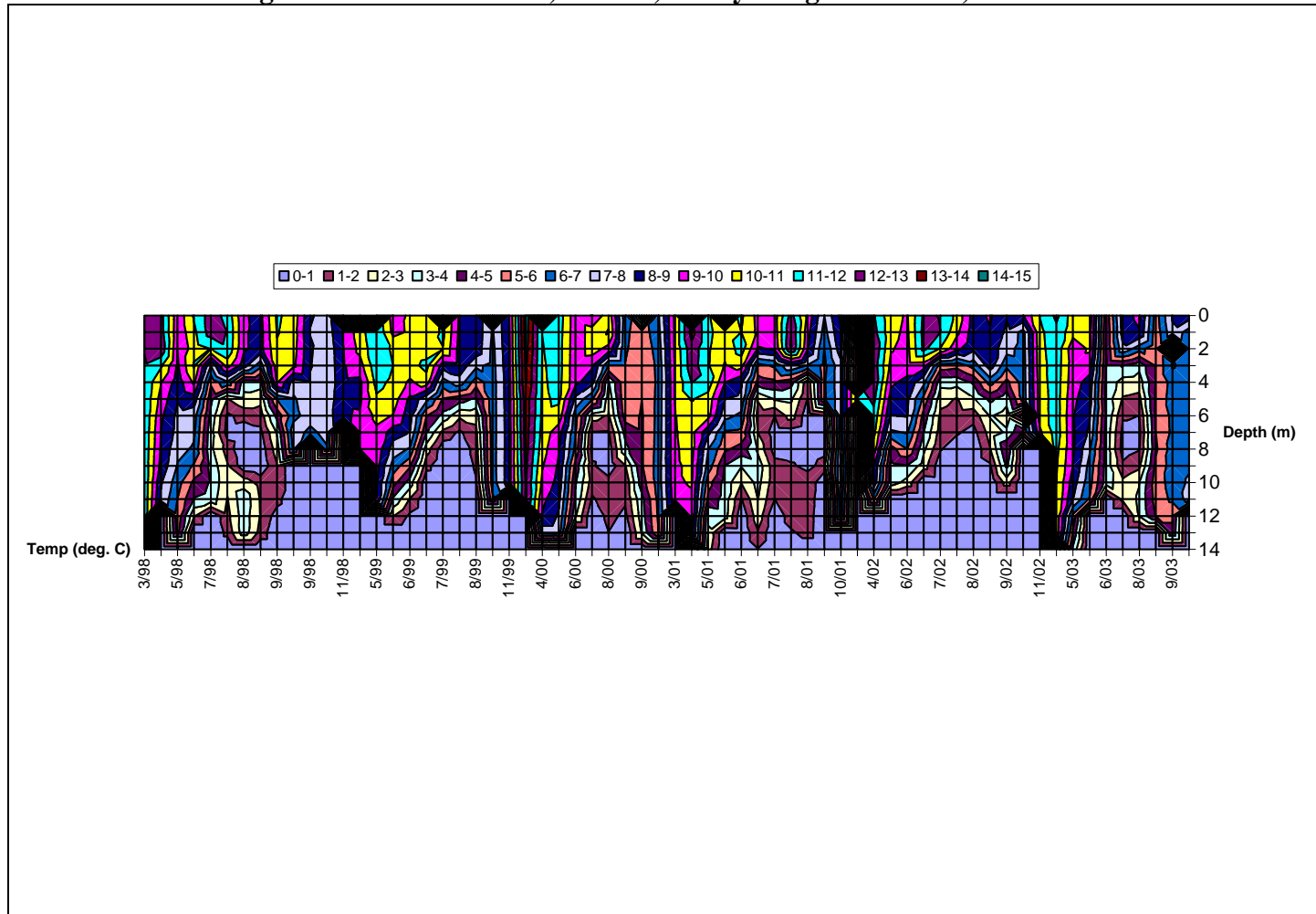
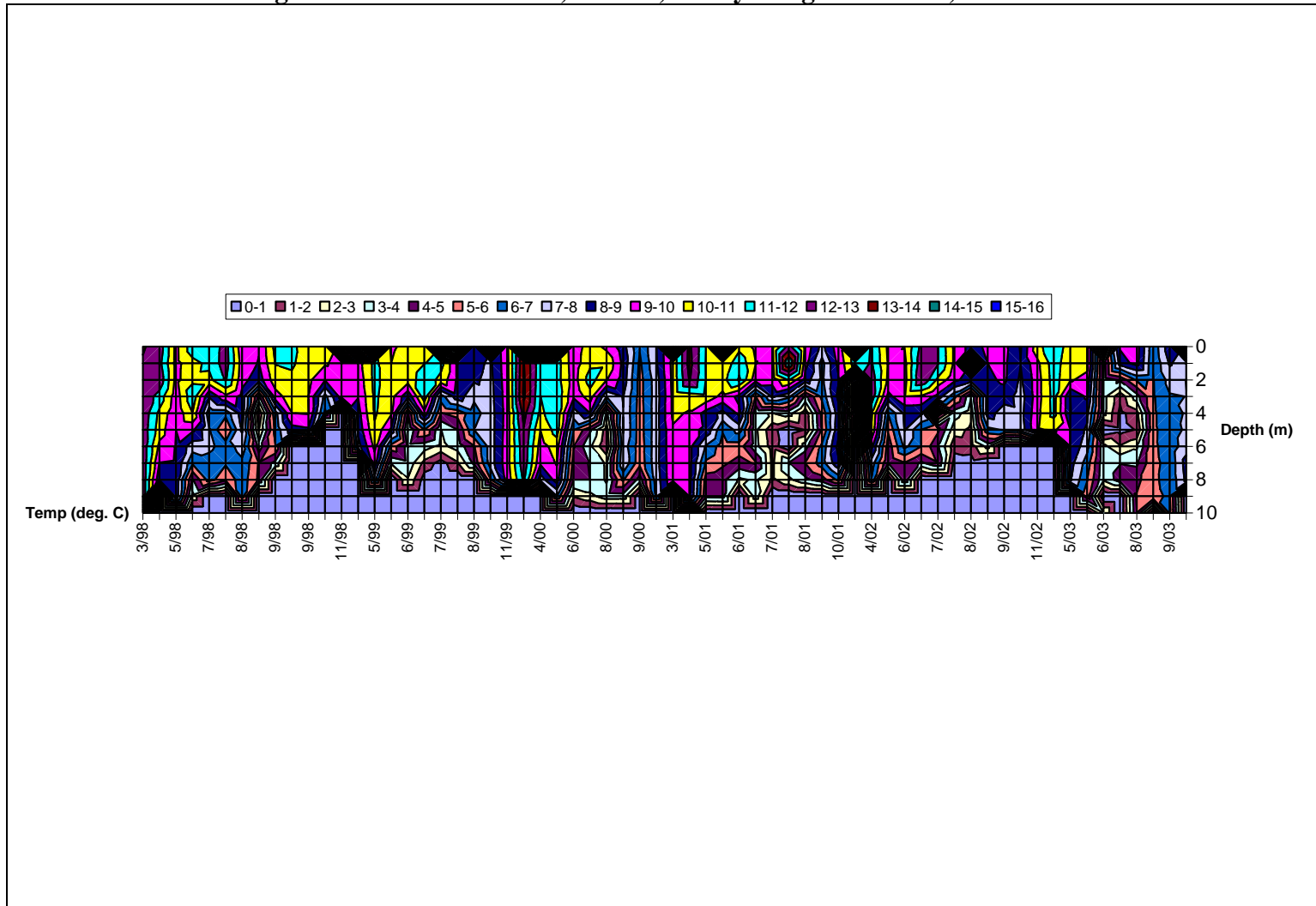


Figure A.10. DO Contours, at RG3, Rocky Gorge Reservoir, 1998-2003



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Figure A.11. Observed Total Phosphorus Concentrations at TR1, 1998-2003, Triadelphia Reservoir

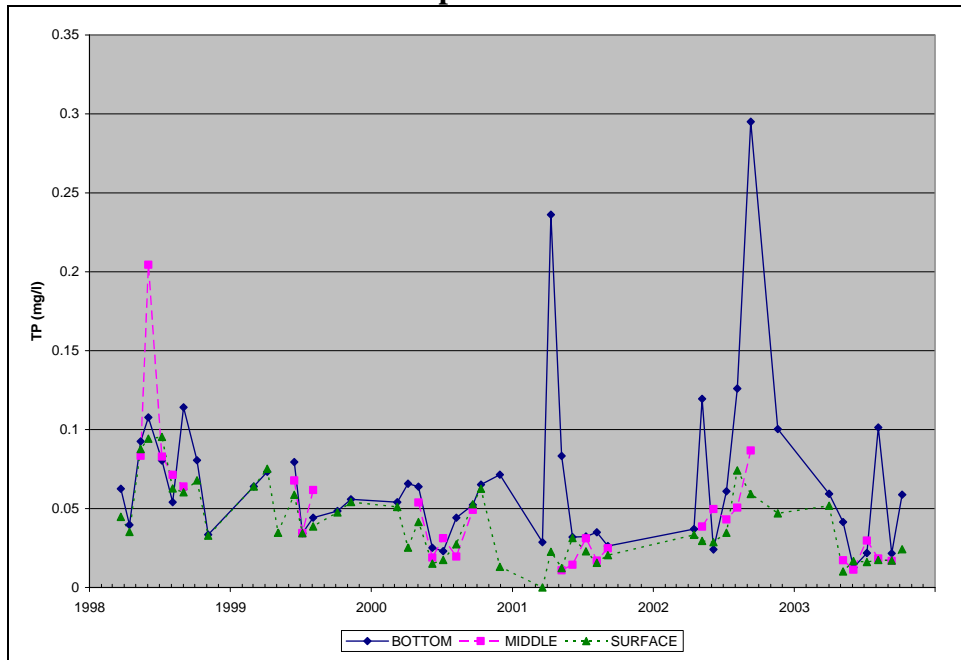


Figure A.12. Observed Total Phosphorus Concentrations at TR2, 1998-2003, Triadelphia Reservoir

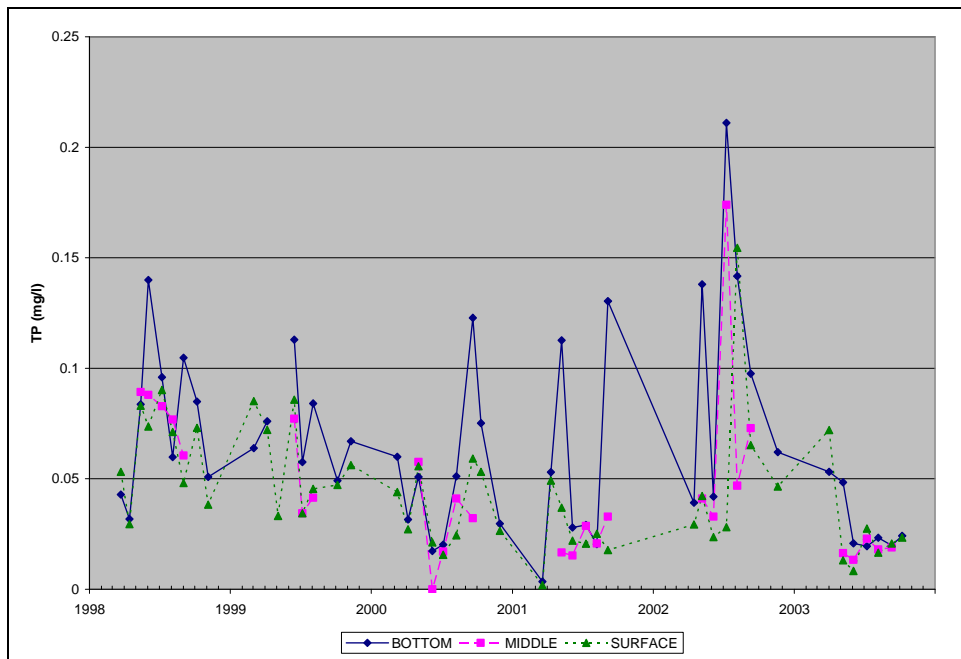


Figure A.13. Observed Total Phosphorus Concentrations at TR3, 1998-2003, Triadelphia Reservoir

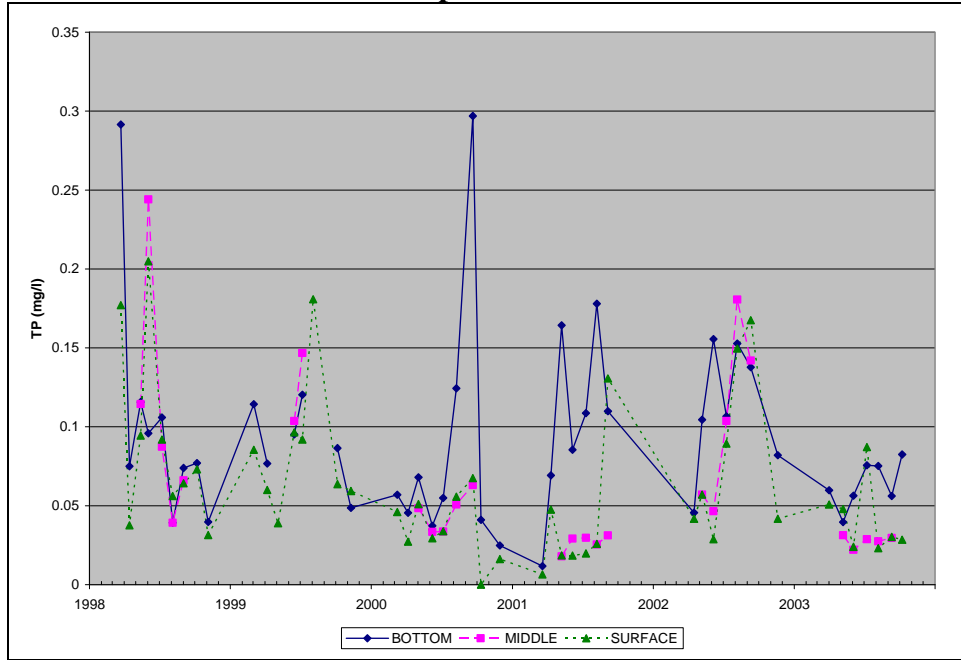


Figure A.14. Observed Total Phosphorus Concentrations at RG1, 1998-2003, Rocky Gorge Reservoir

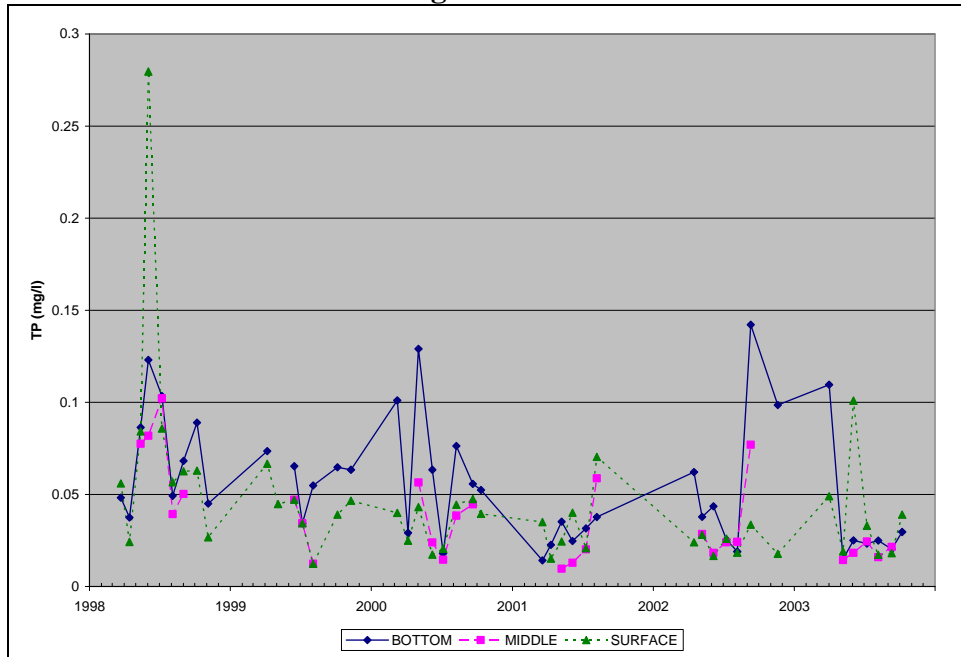


Figure A.15. Observed Total Phosphorus Concentrations at RG2, 1998-2003, Rocky Gorge Reservoir

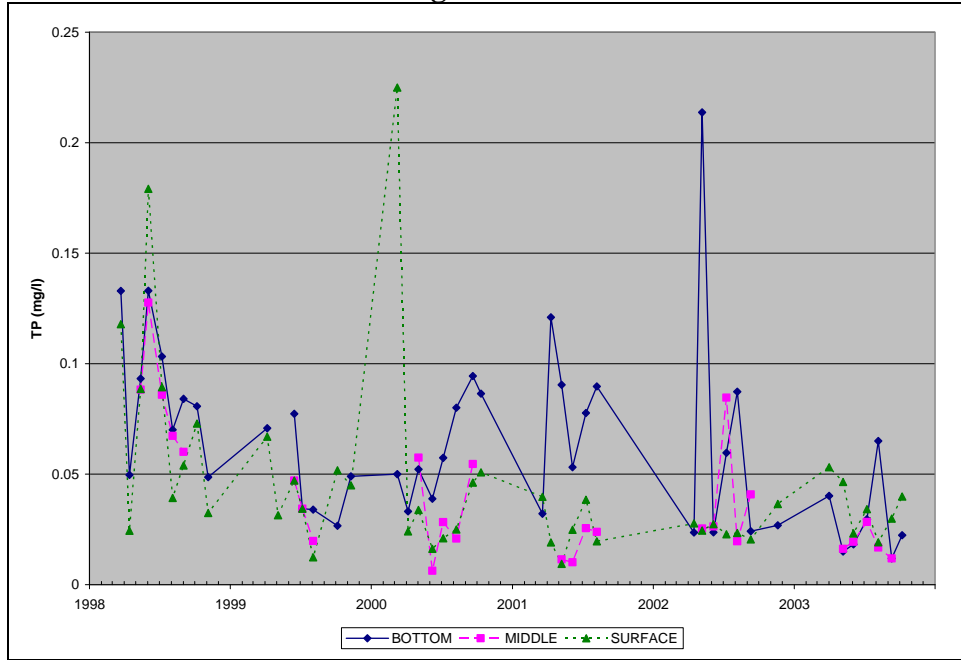


Figure A.16. Observed Total Phosphorus Concentrations at RG3, 1998-2003, Rocky Gorge Reservoir

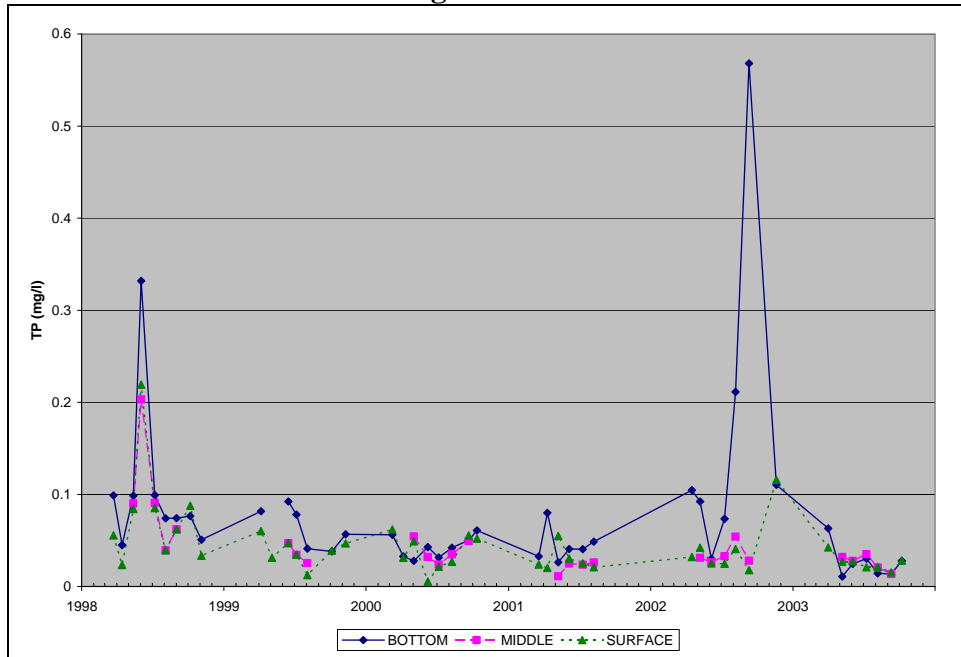


Figure A.17. Observed Total Phosphorus Concentrations at MDE Sampling Stations, 2000, Triadelphia Reservoir

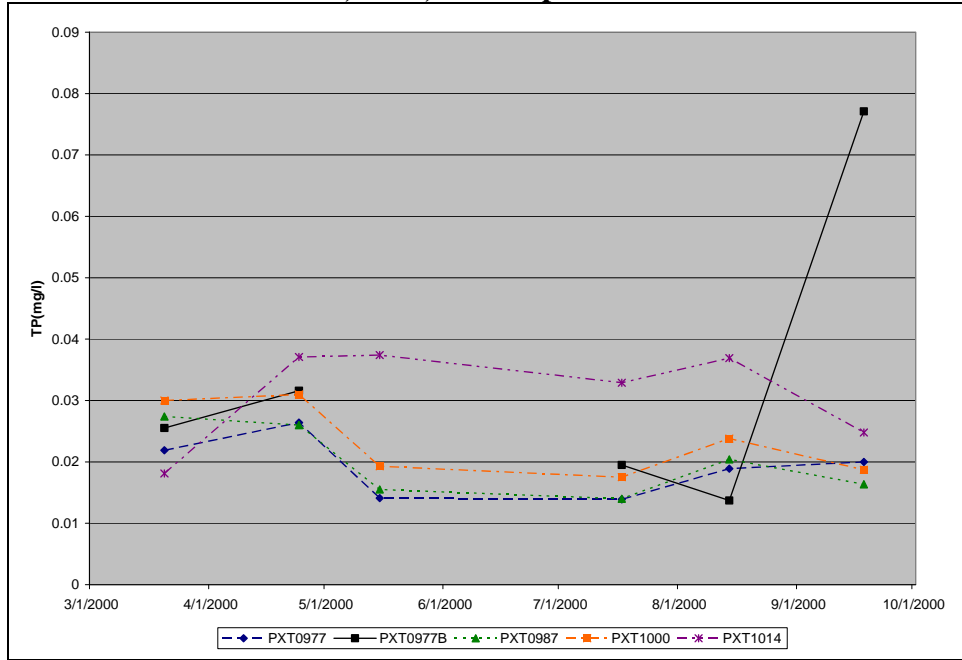


Figure A.18. Observed Total Phosphorus Concentrations at MDE Sampling Stations, 2000, Rocky Gorge Reservoir

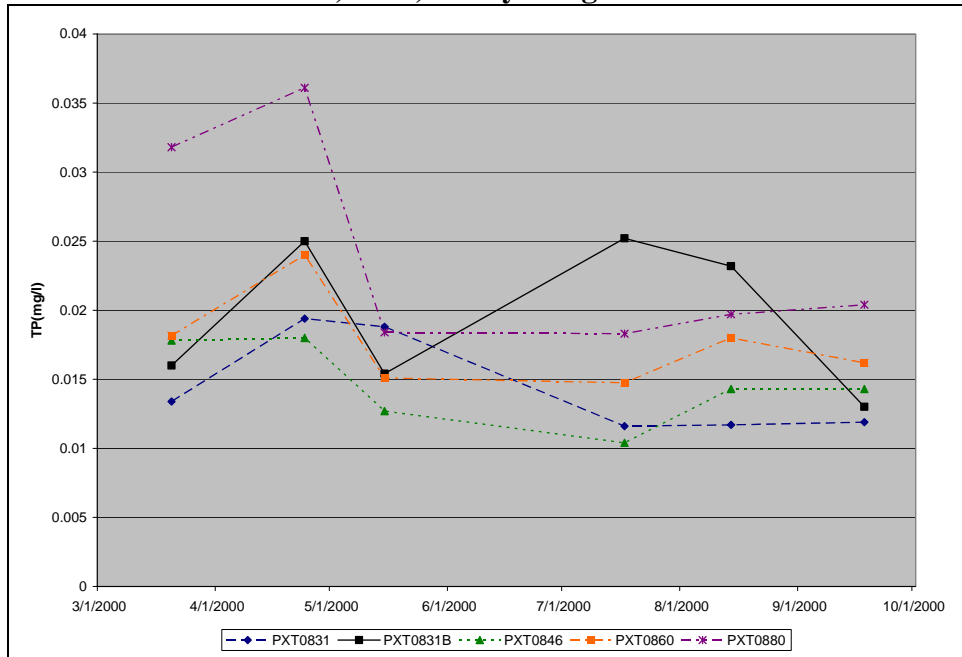


Figure A.19. Observed Phosphate-P Concentrations at TR1, 1998-2003, Triadelphia Reservoir

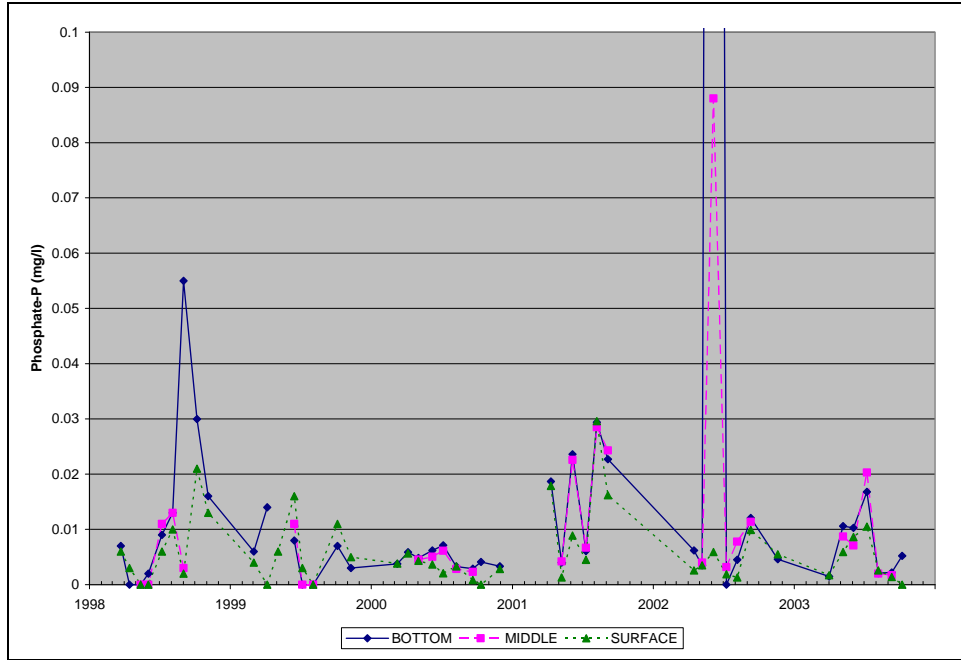


Figure A.20. Observed Phosphate-P Concentrations at TR2, 1998-2003, Triadelphia Reservoir

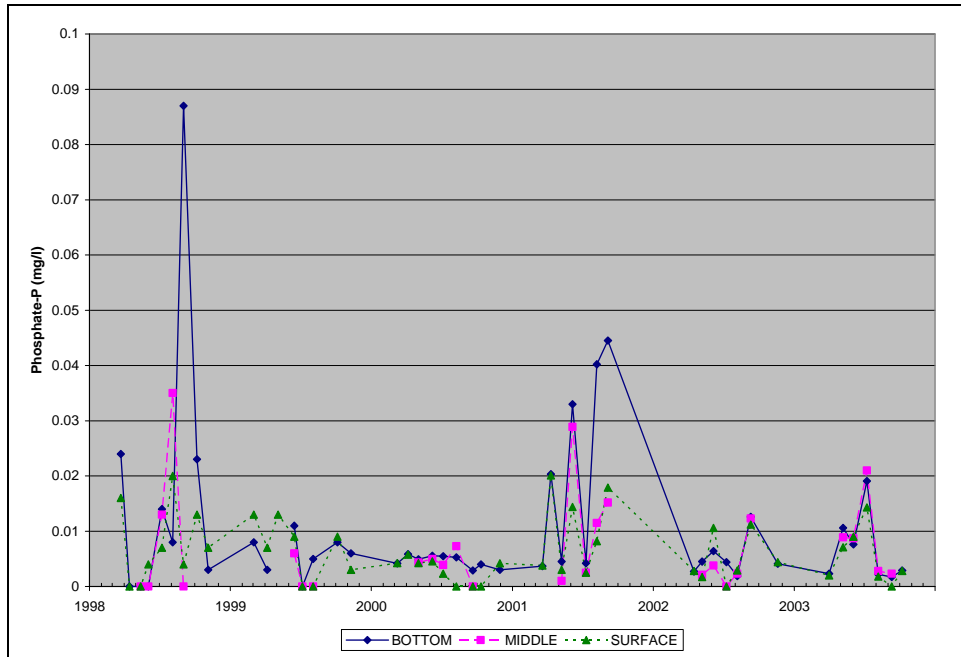


Figure A.21. Observed Phosphate-P Concentrations at TR3, 1998-2003, Triadelphia Reservoir

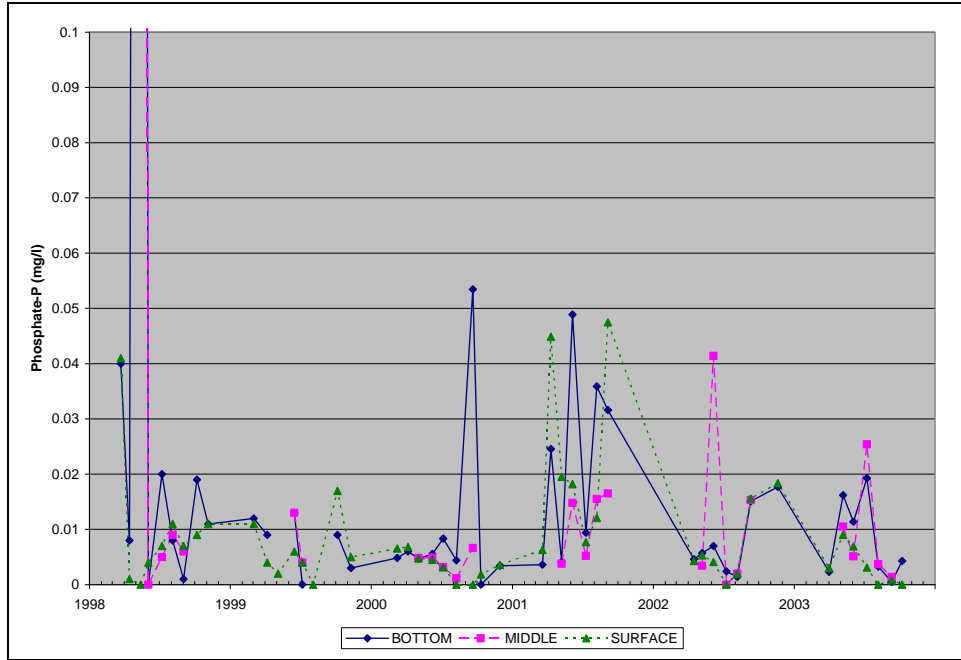


Figure A.22. Observed Phosphate-P Concentrations at RG1, 1998-2003, Rocky Gorge Reservoir

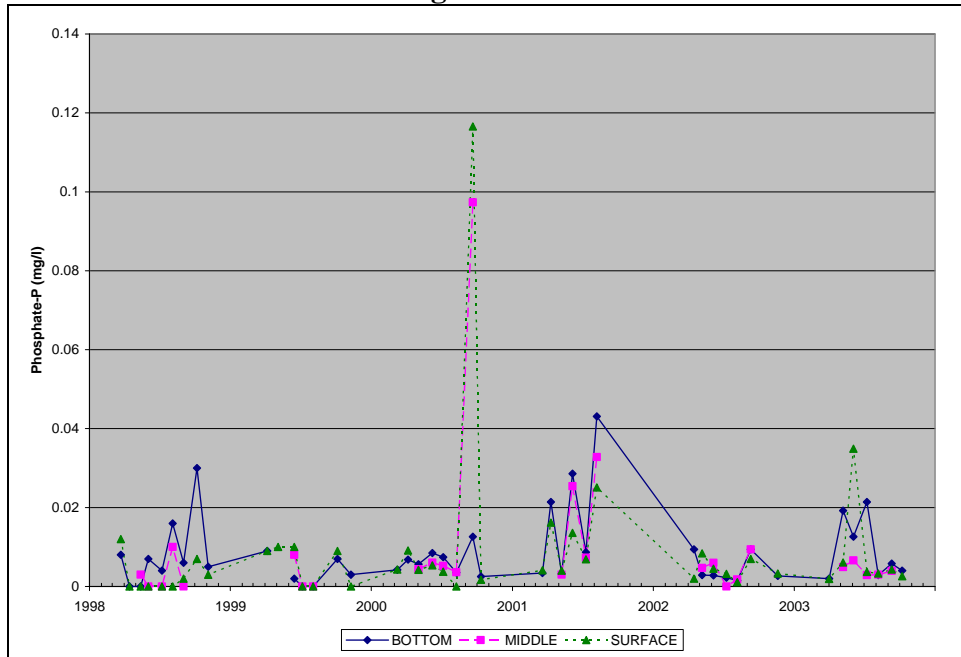


Figure A.23. Observed Phosphate-P Concentrations at RG2, 1998-2003, Rocky Gorge Reservoir

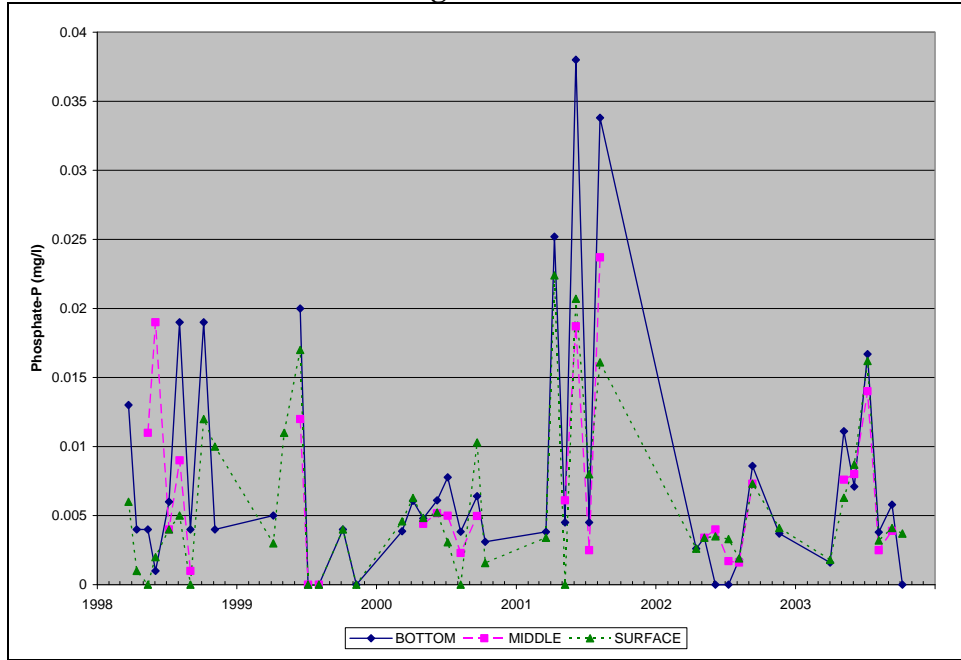


Figure A.24. Observed Phosphate-P Concentrations at RG3, 1998-2003, Rocky Gorge Reservoir

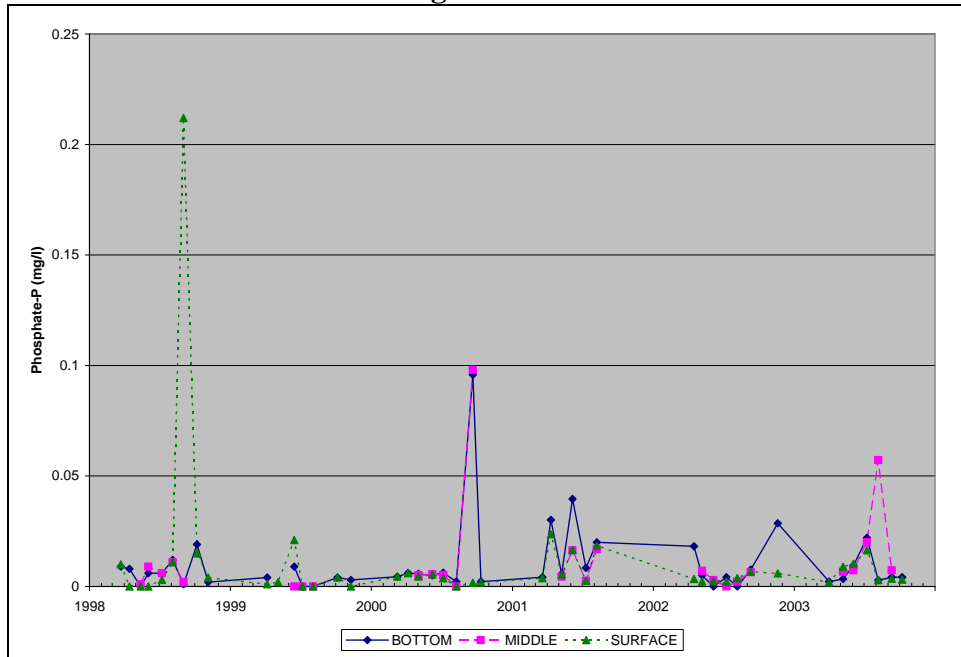


Figure A.25. Observed Phosphate-P Concentrations at MDE Sampling Stations, 2000, Triadelphia Reservoir

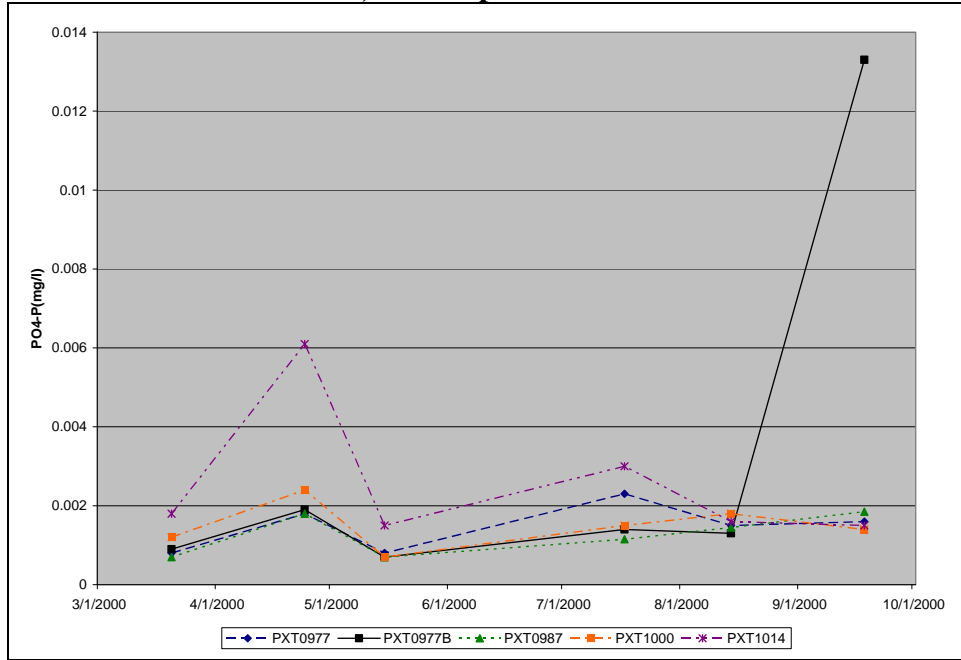


Figure A.26. Observed Phosphate-P Concentrations at MDE Sampling Stations, 2000, Rocky Gorge Reservoir

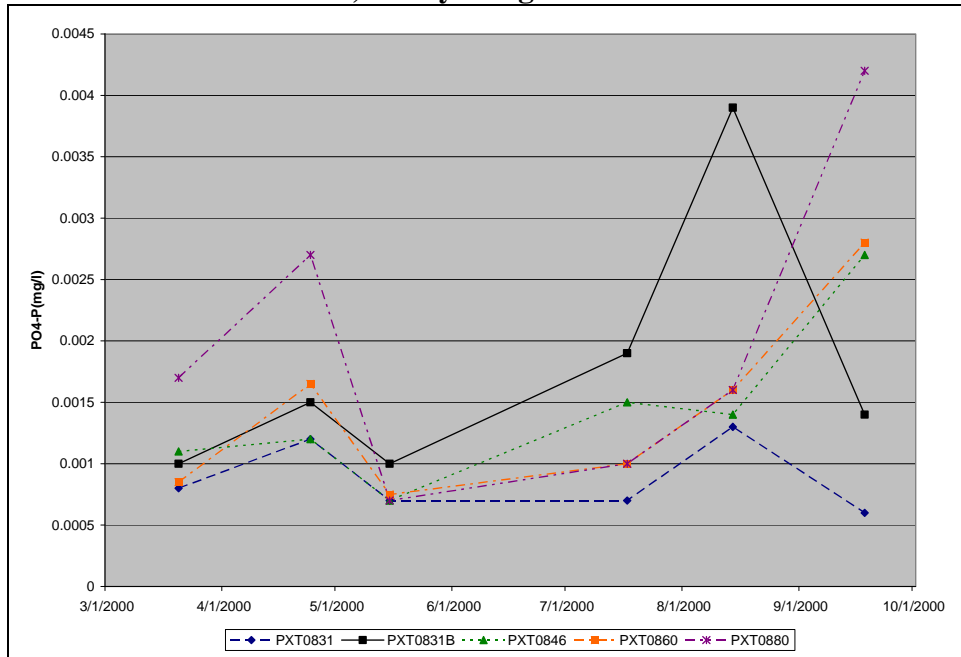


Figure A.27. Observed Ammonia-N Concentrations at TR1, 1998-2003, Triadelphia Reservoir

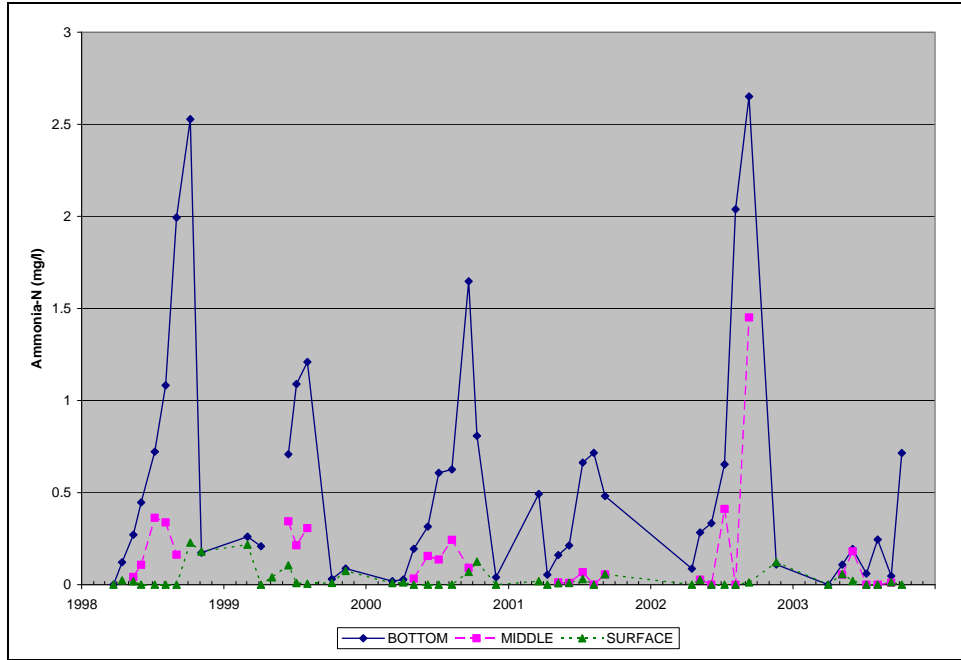


Figure A.28. Observed Ammonia-N Concentrations at TR2, 1998-2003, Triadelphia Reservoir

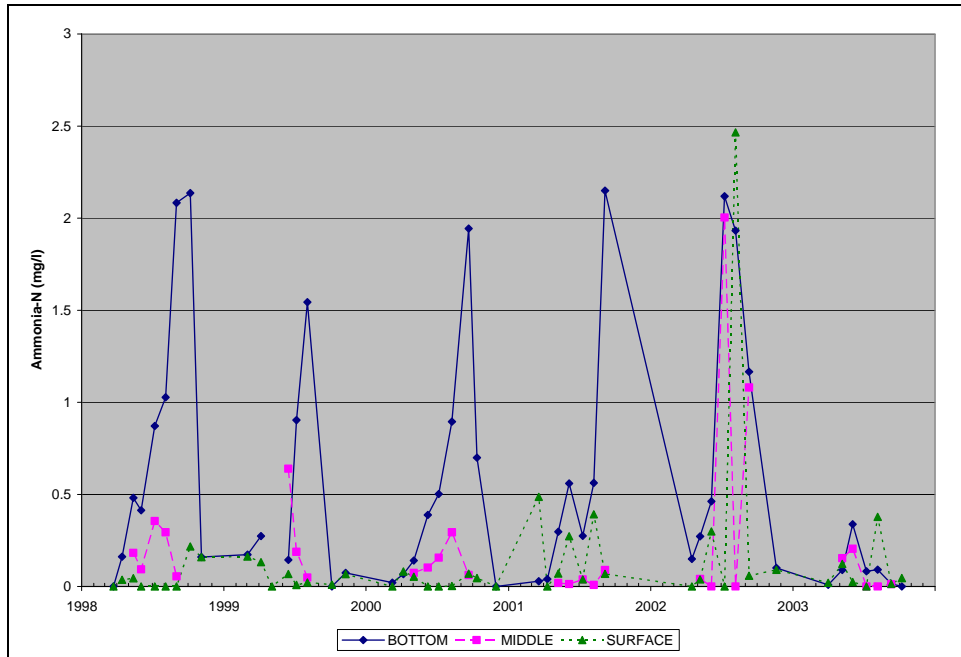


Figure A.29. Observed Ammonia-N Concentrations at TR3, 1998-2003, Triadelphia Reservoir

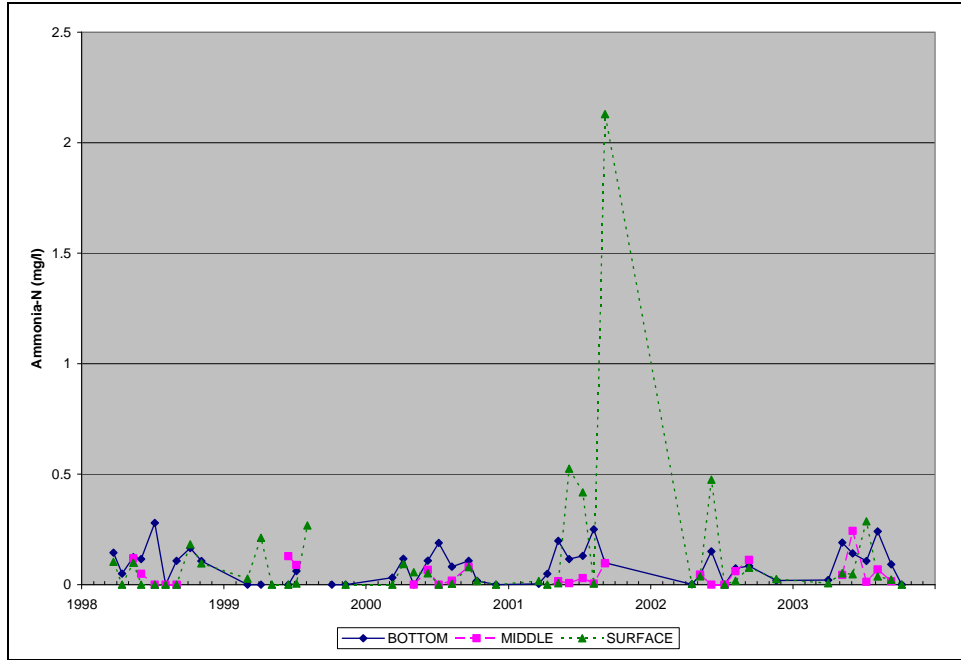


Figure A.30. Observed Ammonia-N Concentrations at RG1, 1998-2003, Rocky Gorge Reservoir

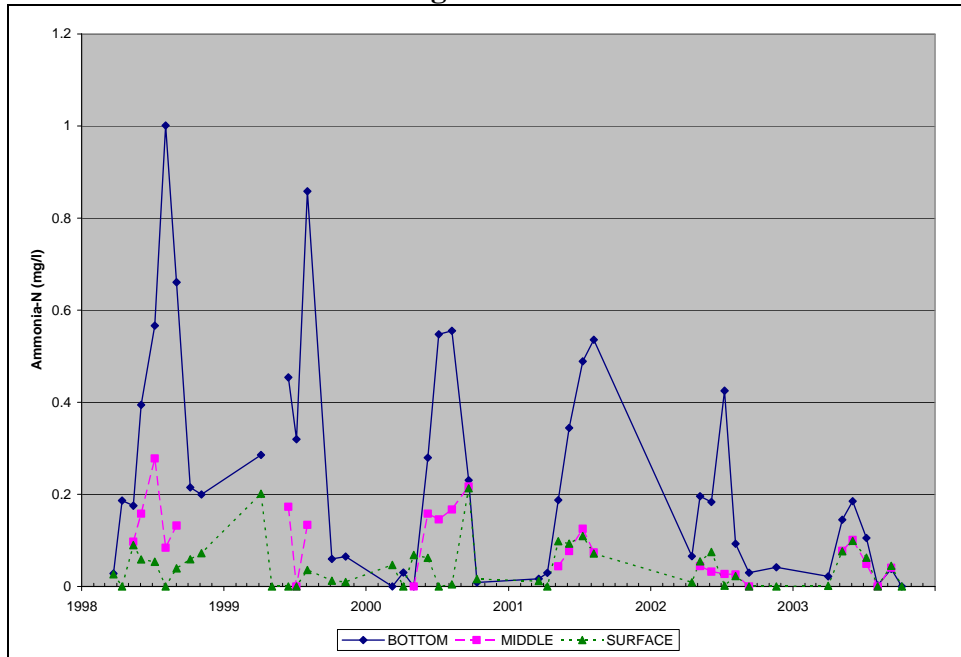


Figure A.31. Observed Ammonia-N Concentrations at RG2, 1998-2003, Rocky Gorge Reservoir

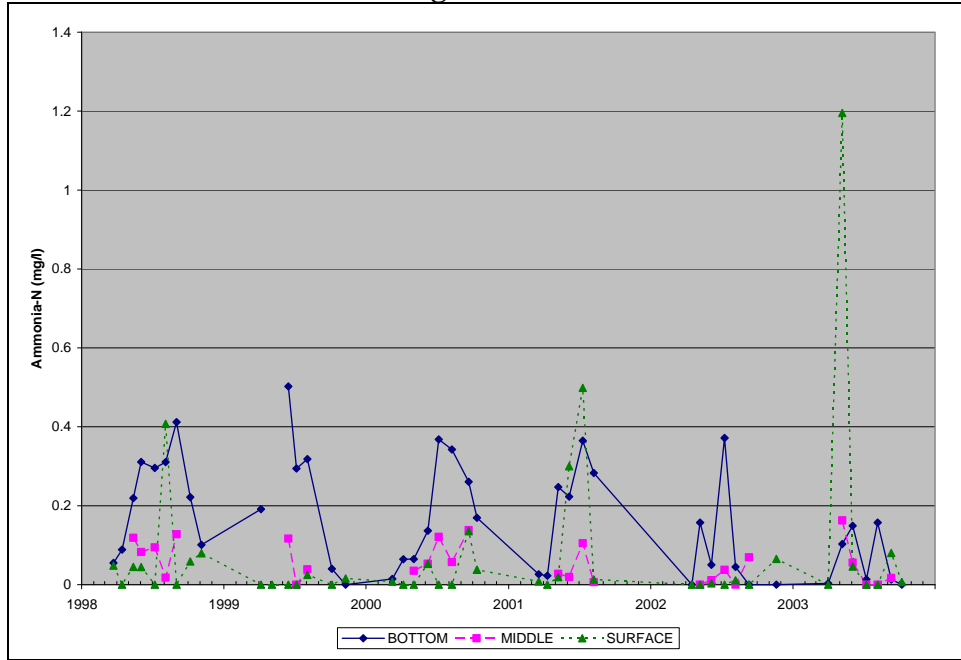


Figure A.32. Observed Ammonia-N Concentrations at RG3, 1998-2003, Rocky Gorge Reservoir

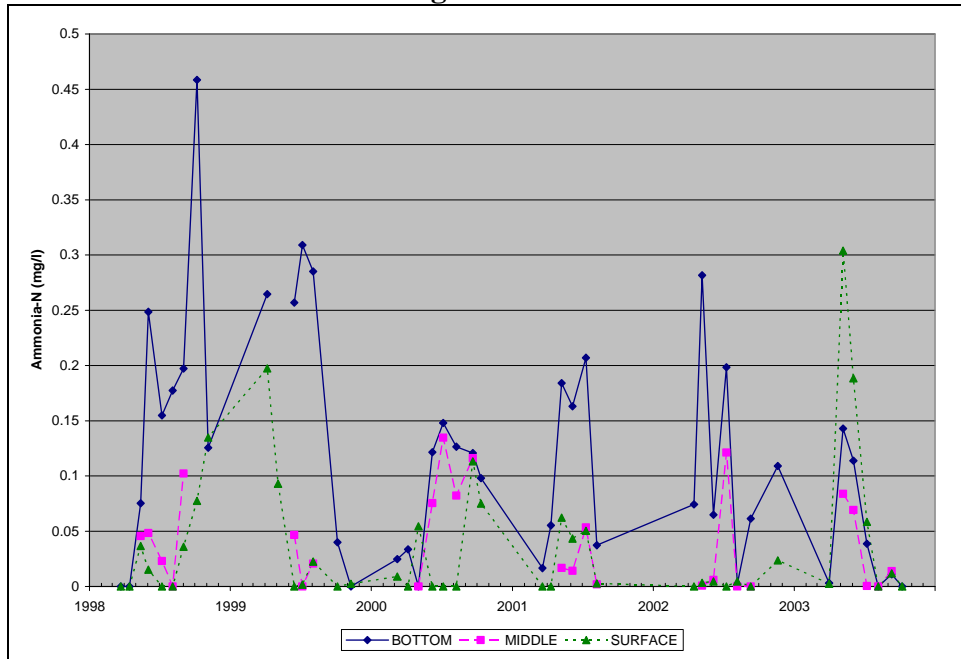


Figure A.33. Observed Ammonia-N Concentrations at MDE Sampling Stations, 2000, Triadelphia Reservoir

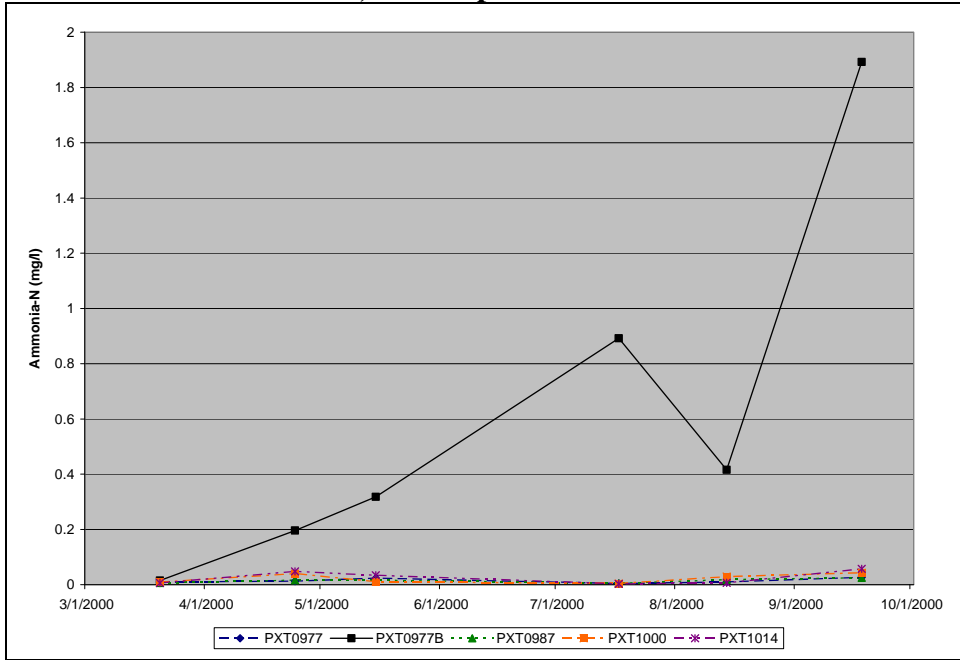


Figure A.34. Observed Ammonia-N Concentrations at MDE Sampling Stations, 2000, Rocky Gorge Reservoir

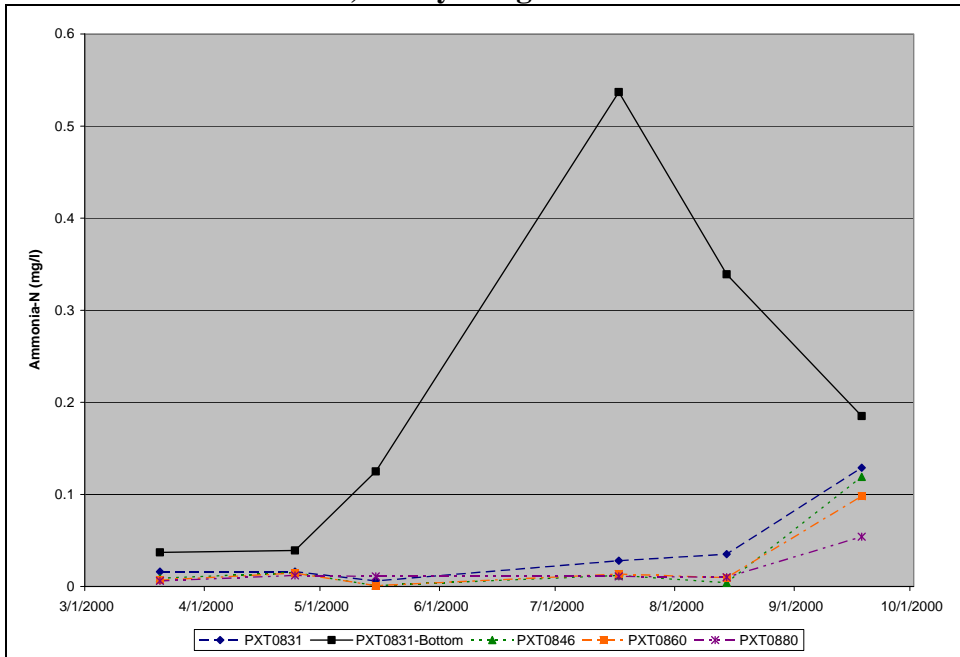


Figure A.35. Observed Nitrate-N Concentrations at TR1, 1998-2003, Triadelphia Reservoir

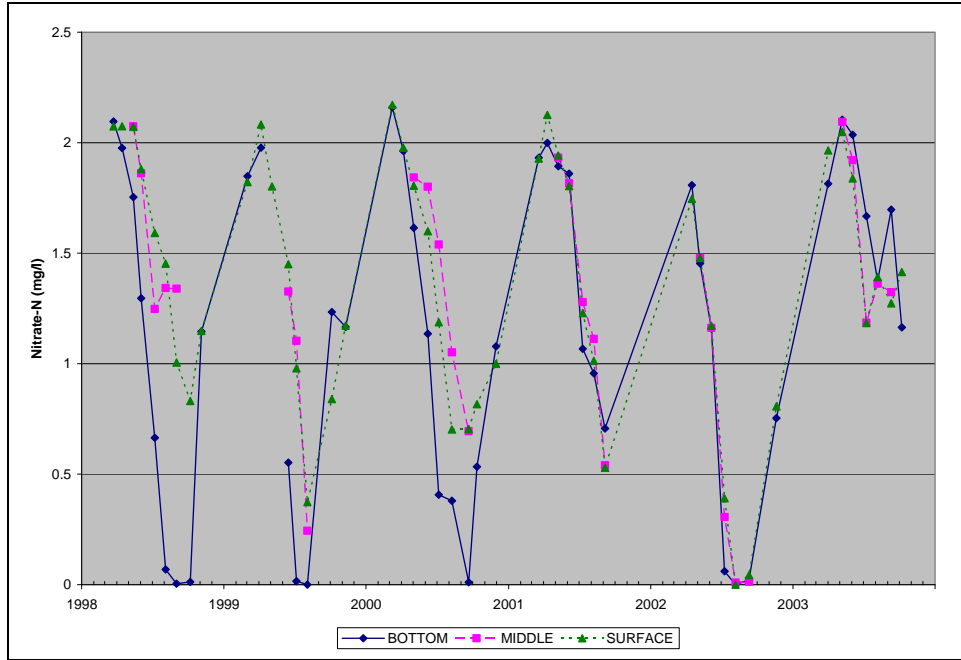


Figure A.36. Observed Nitrate-N Concentrations at TR2, 1998-2003, Triadelphia Reservoir

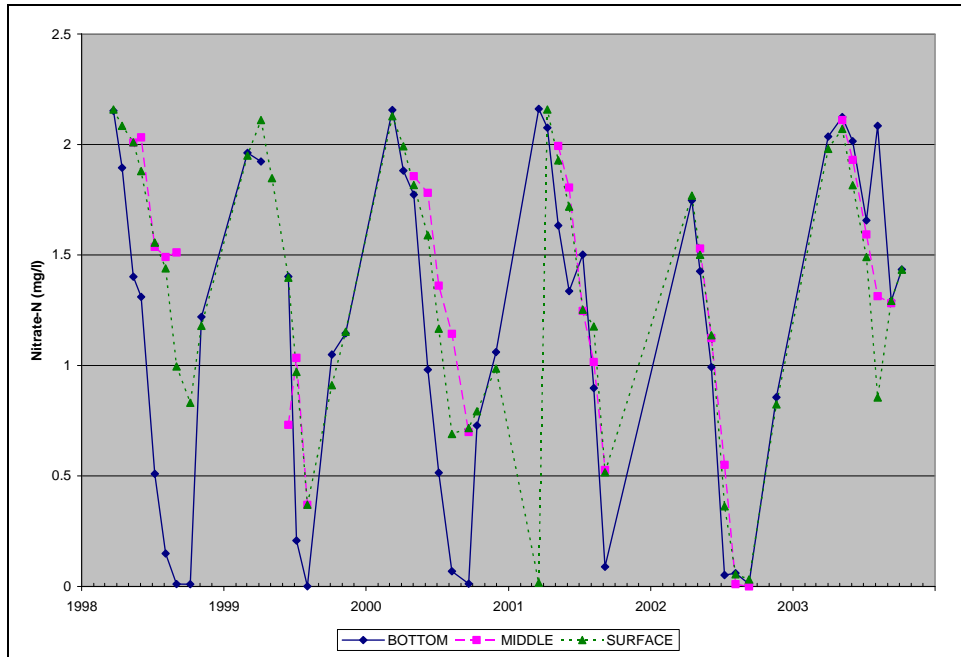


Figure A.37. Observed Nitrate-N Concentrations at TR3, 1998-2003, Triadelphia Reservoir

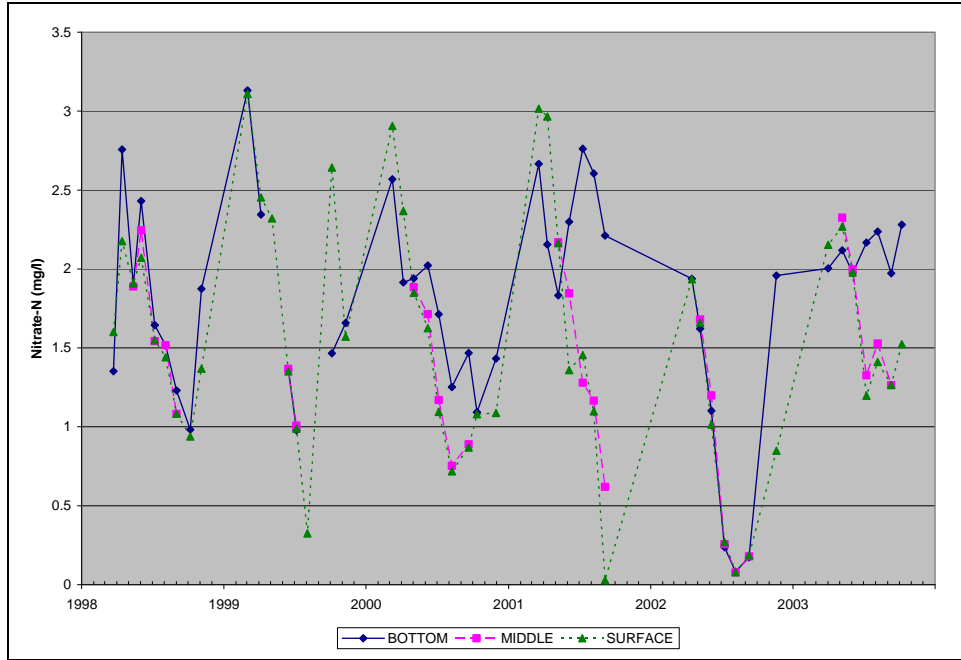


Figure A.38. Observed Nitrate-N Concentrations at RG1, 1998-2003, Rocky Gorge Reservoir

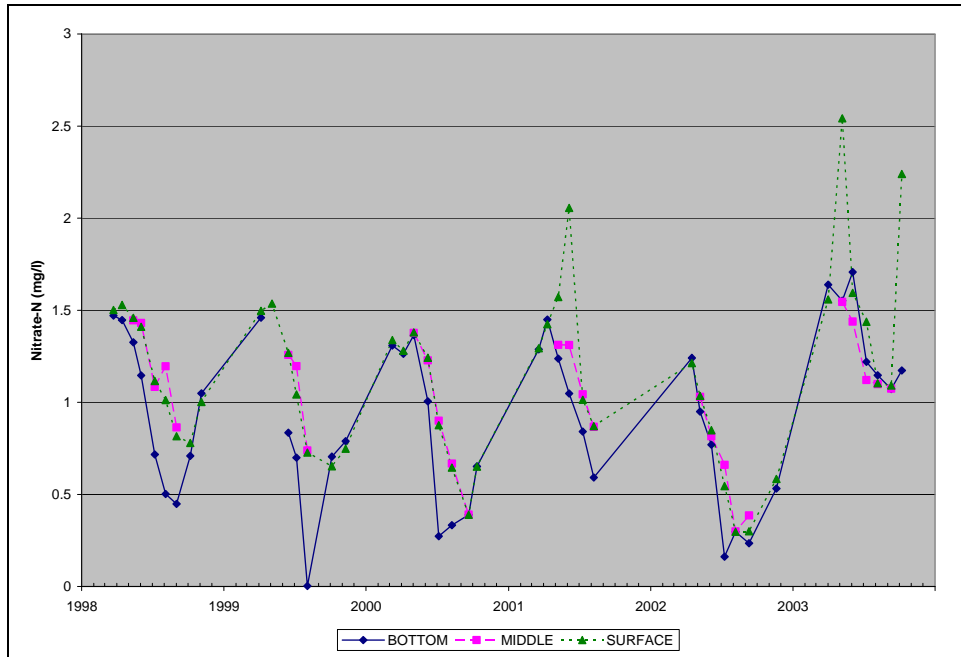


Figure A.39. Observed Nitrate-N Concentrations at RG2, 1998-2003, Rocky Gorge Reservoir

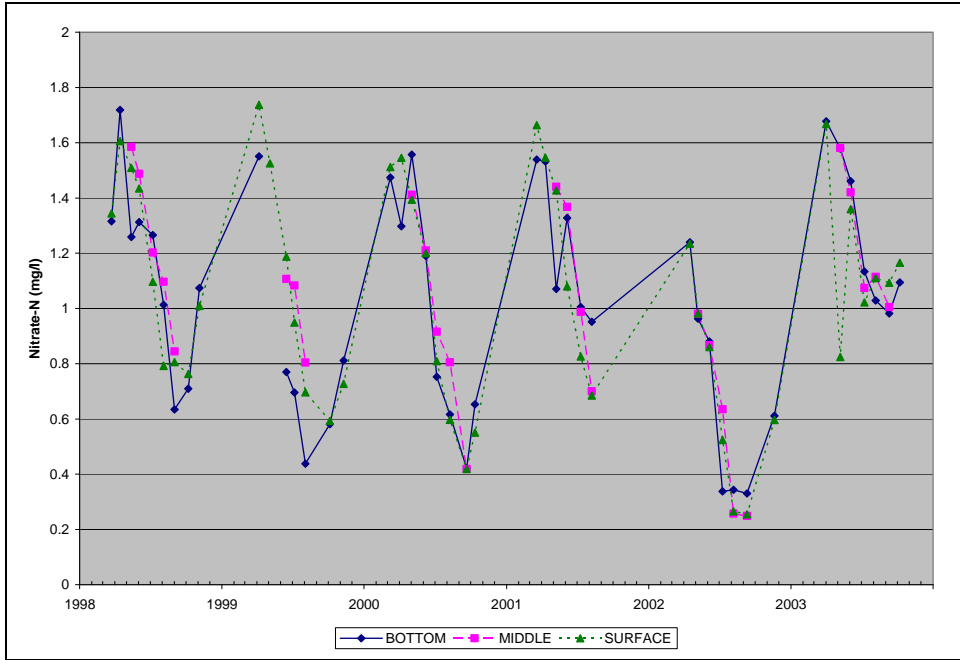


Figure A.40. Observed Nitrate-N Concentrations at RG3, 1998-2003, Rocky Gorge Reservoir

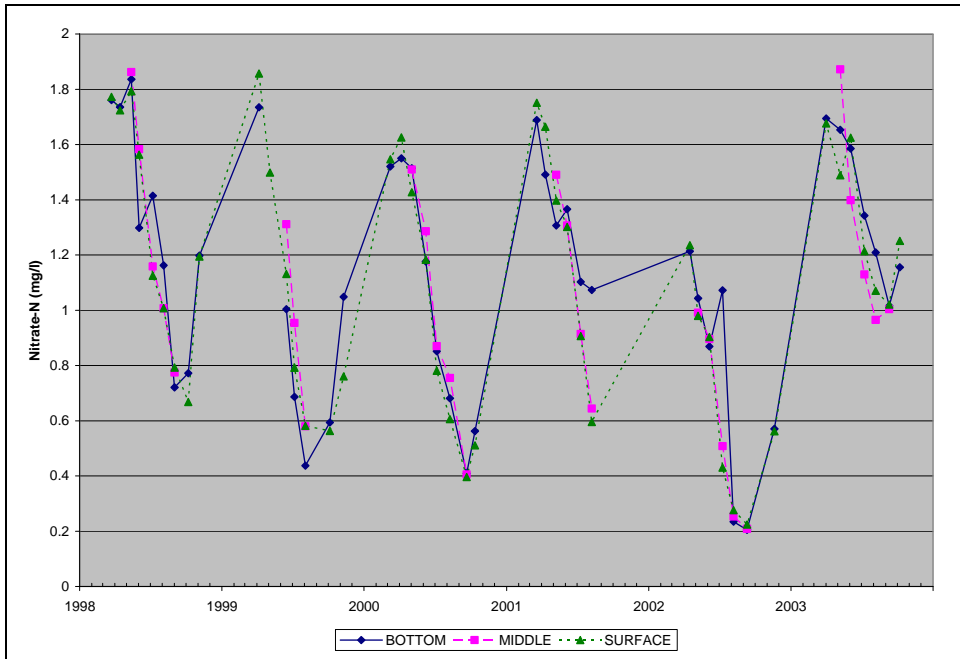


Figure A.41. Observed Nitrate-N Concentrations at MDE Sampling Stations, 2000, Triadelphia Reservoir

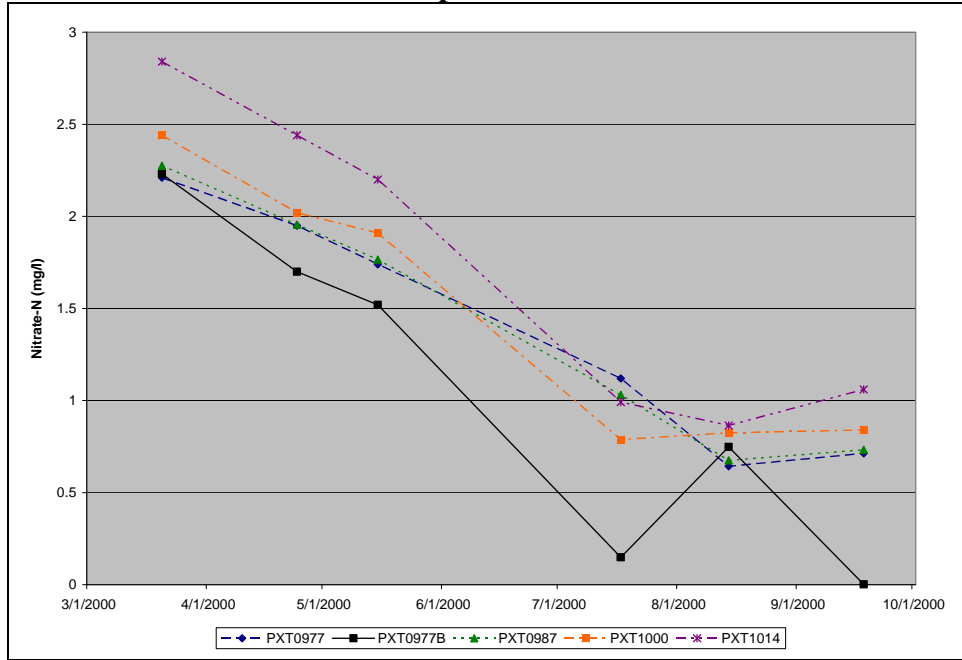


Figure A.42. Observed Nitrate-N Concentrations at MDE Sampling Stations, 2000, Rocky Gorge Reservoir

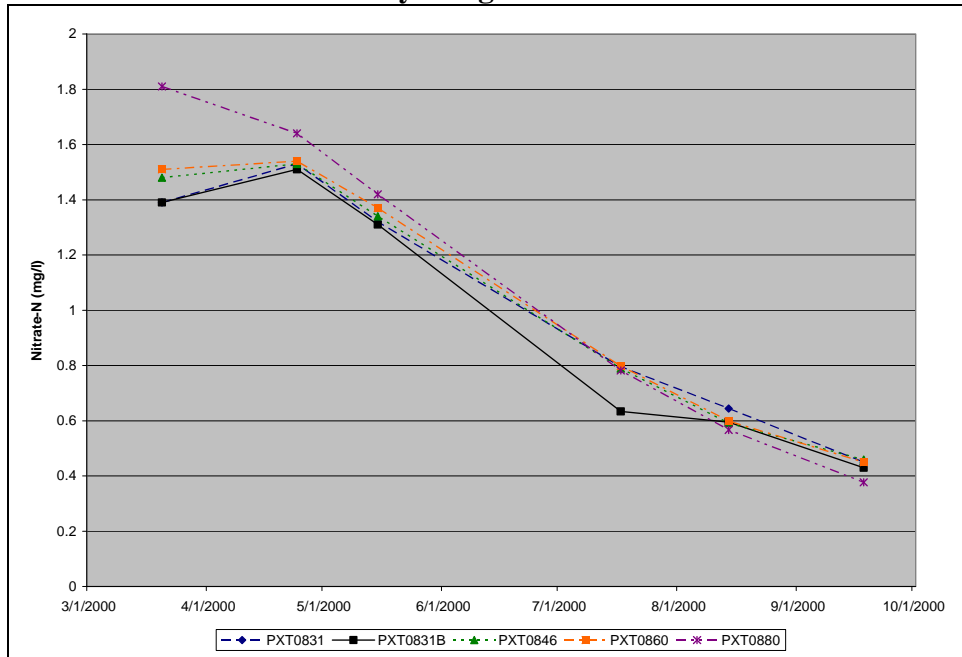


Figure A.43. Observed TN Concentrations at TR1, 1998-2003, Triadelphia Reservoir

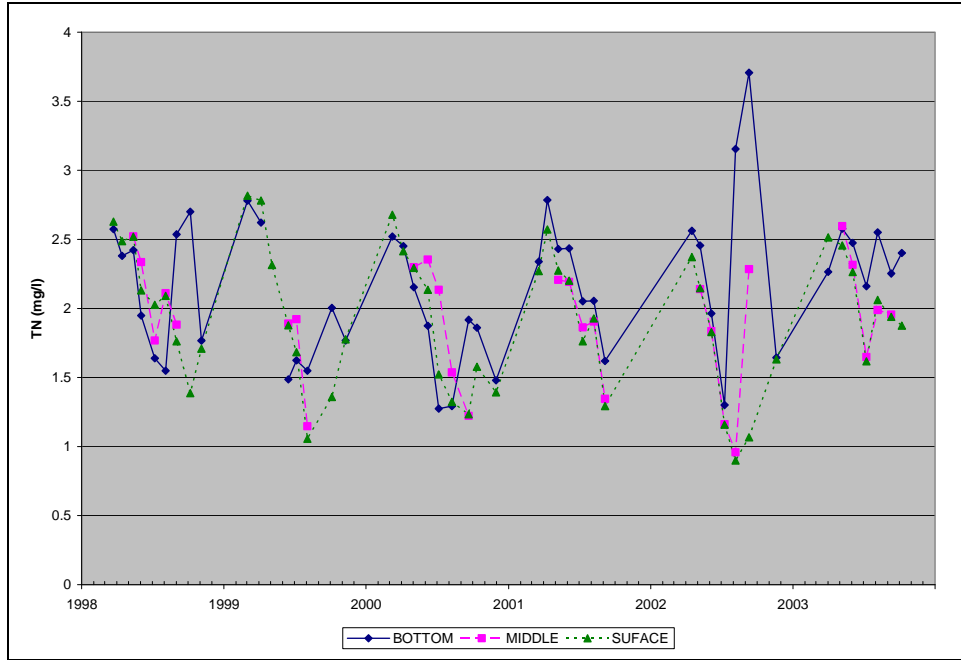


Figure A.44. Observed TN Concentrations at TR2, 1998-2003, Triadelphia Reservoir

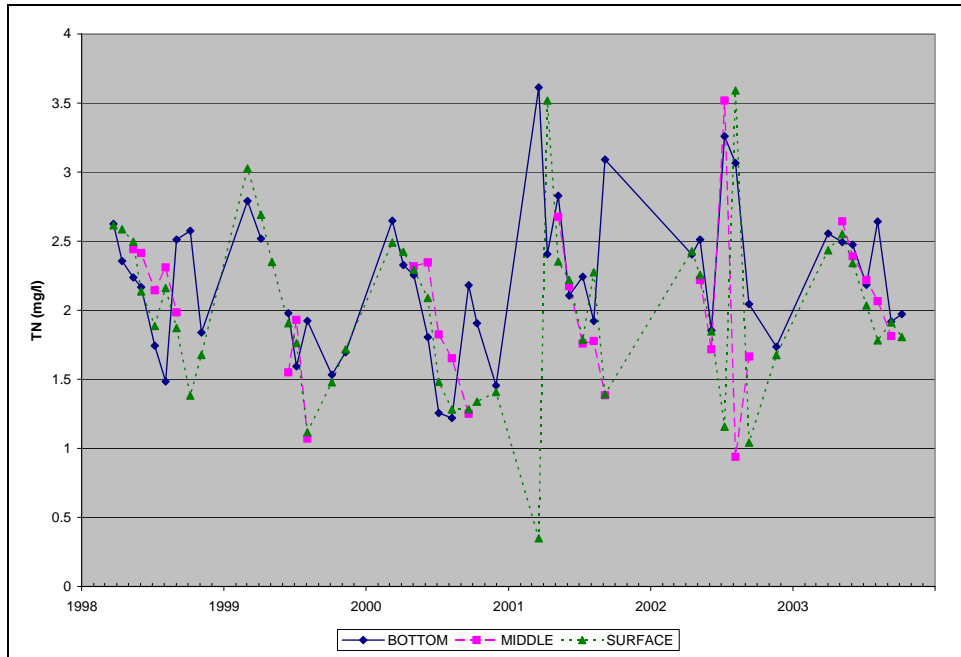


Figure A.45. Observed TN Concentrations at TR3, 1998-2003, Triadelphia Reservoir

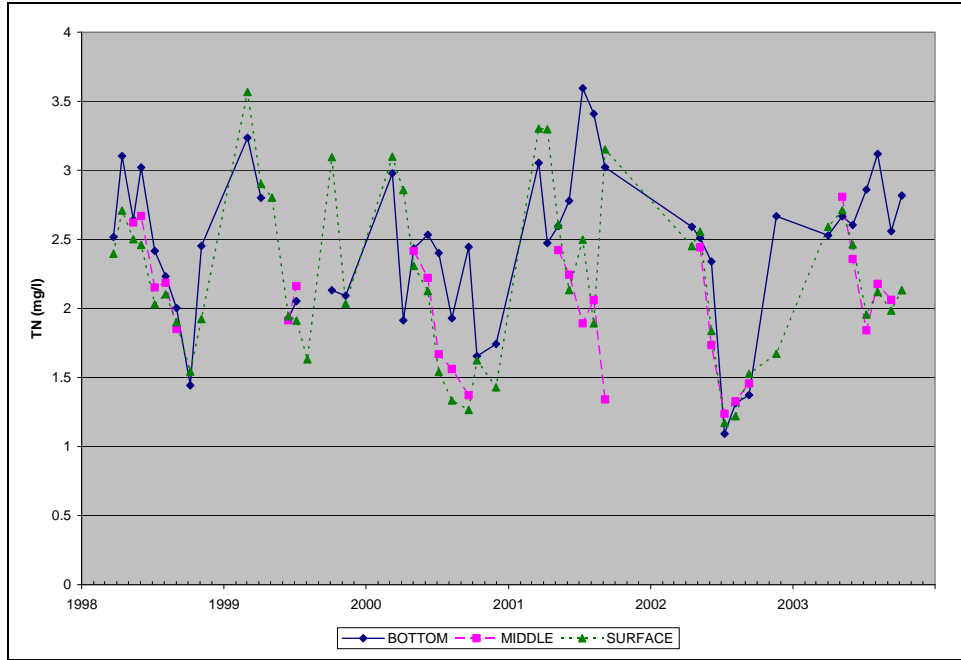


Figure A.46. Observed TN Concentrations at RG1, 1998-2003, Rocky Gorge Reservoir

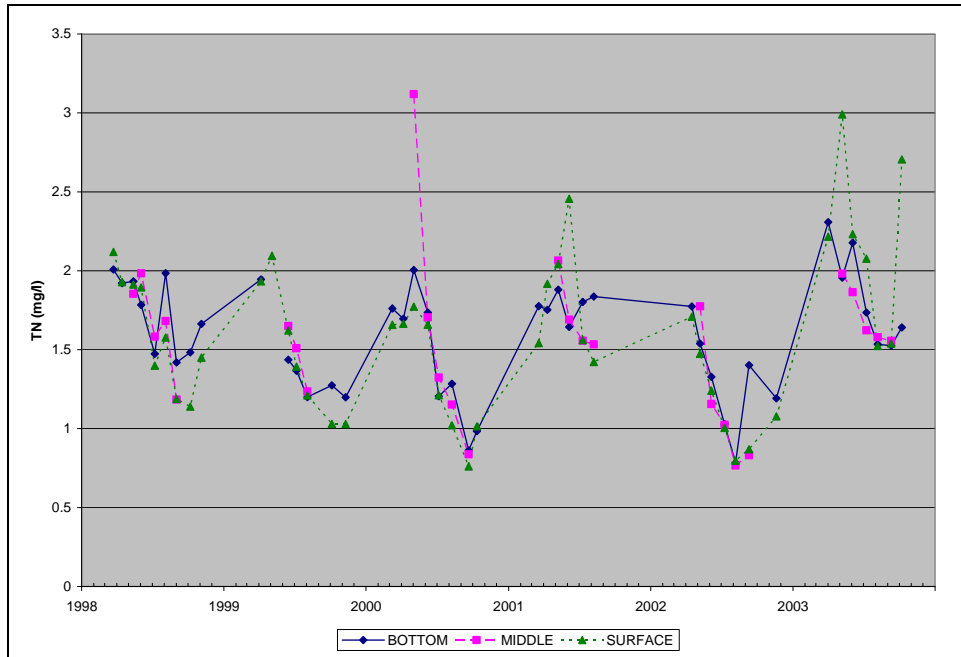


Figure A.47. Observed TN Concentrations at RG2, 1998-2003, Rocky Gorge Reservoir

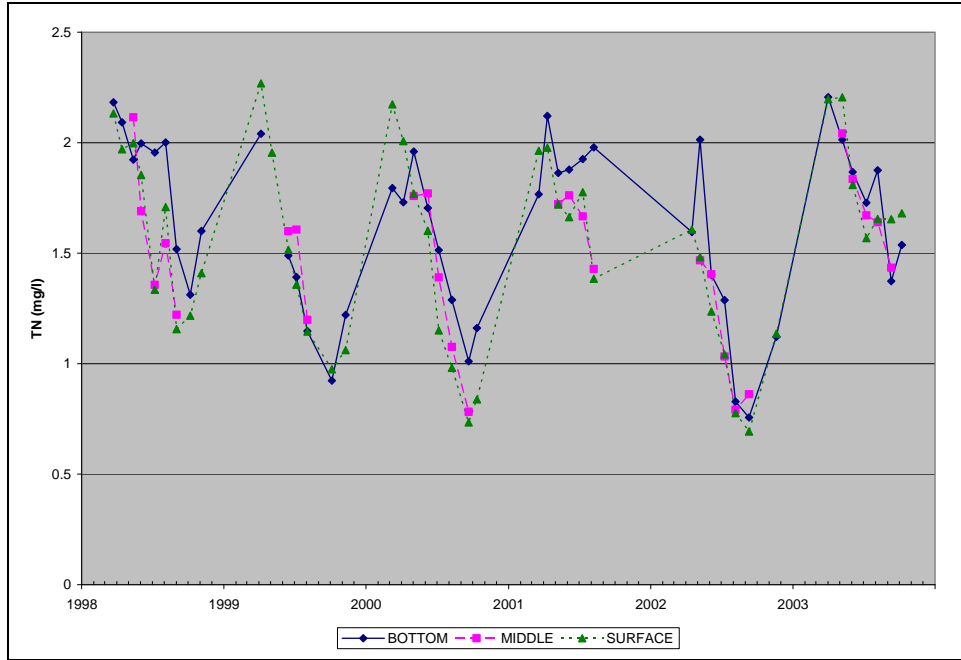


Figure A.48. Observed TN Concentrations at RG3, 1998-2003, Rocky Gorge Reservoir

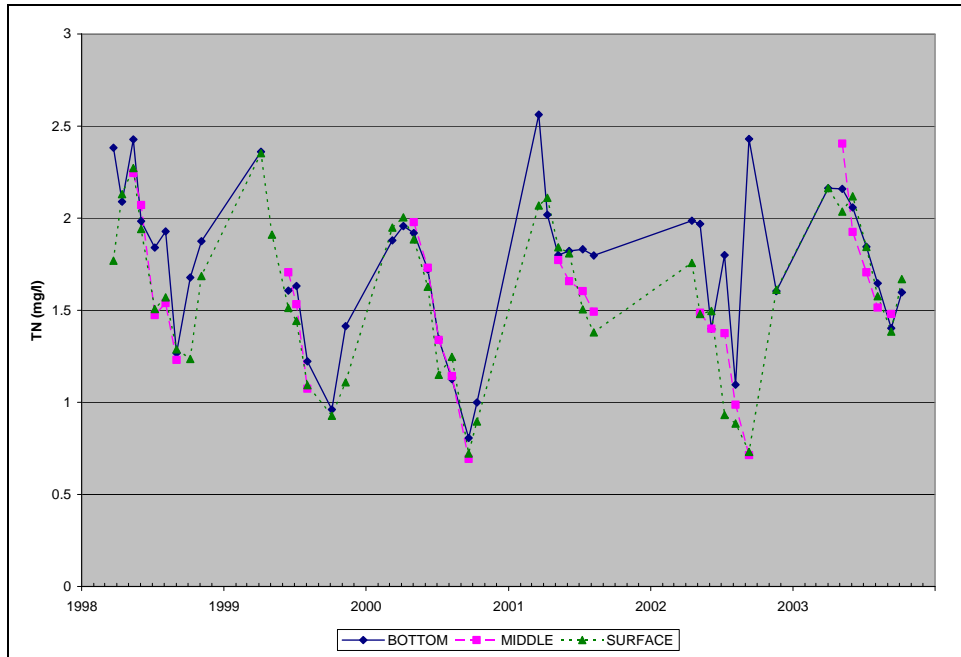


Figure A.49. Observed TN Concentrations at MDE Sampling Stations, 2000, Triadelphia Reservoir

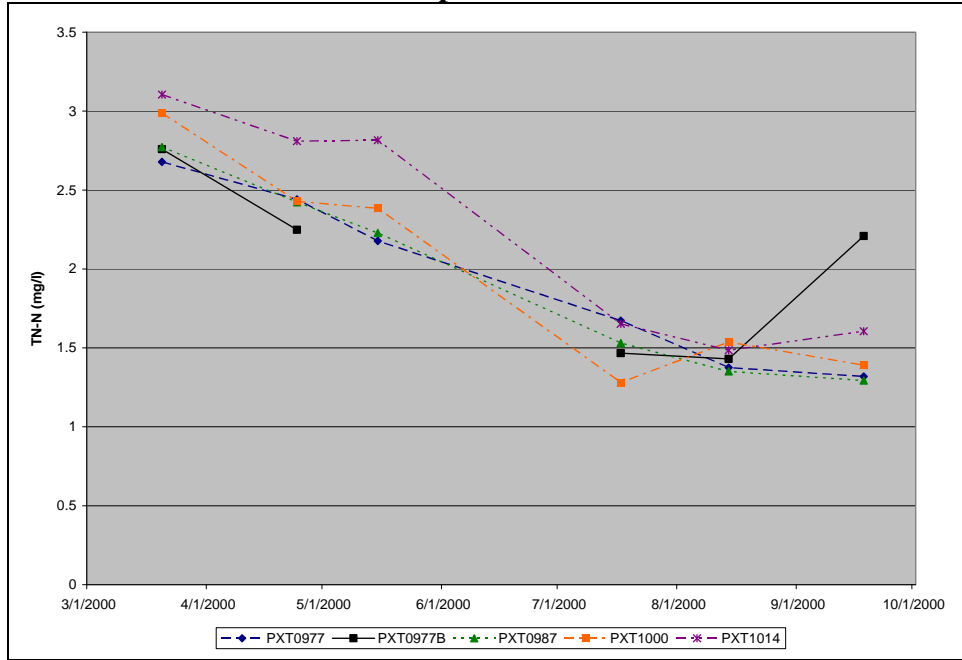


Figure A.50. Observed TN Concentrations at MDE Sampling Stations, 2000, Rocky Gorge Reservoir

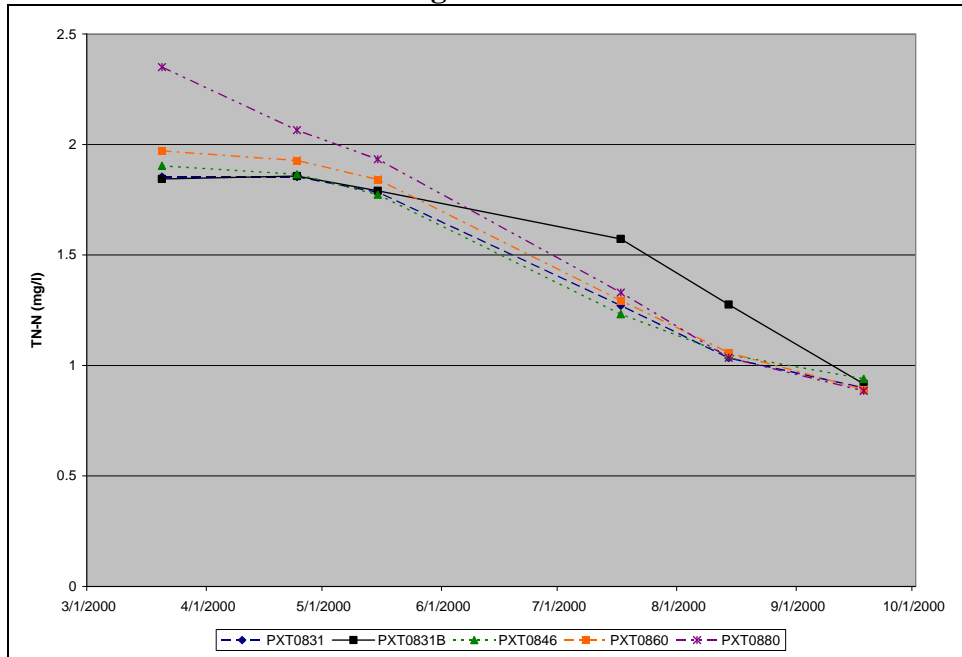


Figure A.51. Observed Chlorophyll *a* Concentrations at WSSC Sampling Stations, 1998-2003, Triadelphia Reservoir

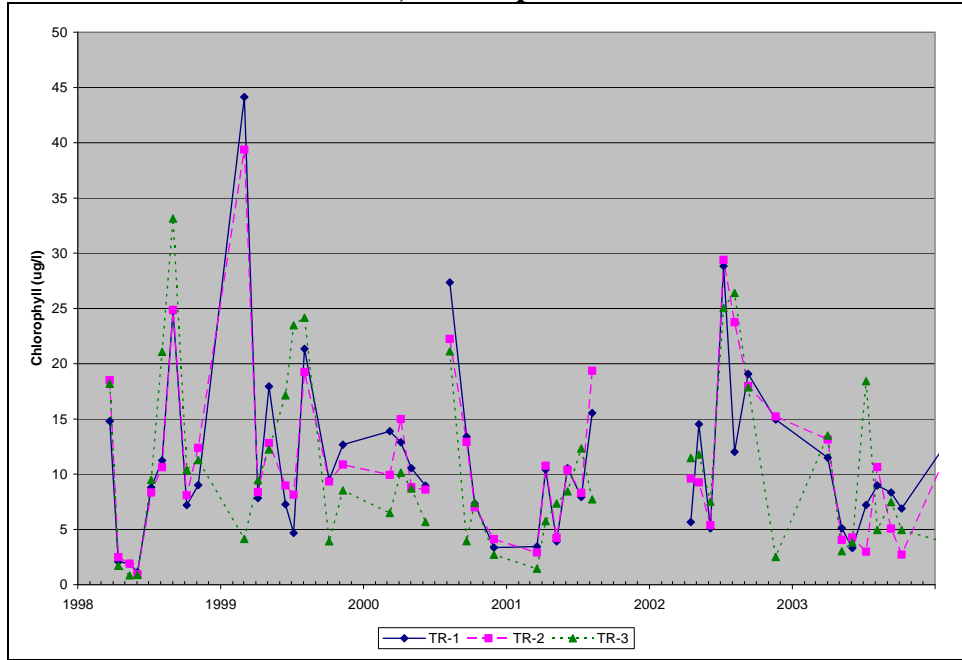


Figure A.52. Observed Chlorophyll *a* Concentrations at WSSC Sampling Stations, 1998-2003, Rocky Gorge Reservoir

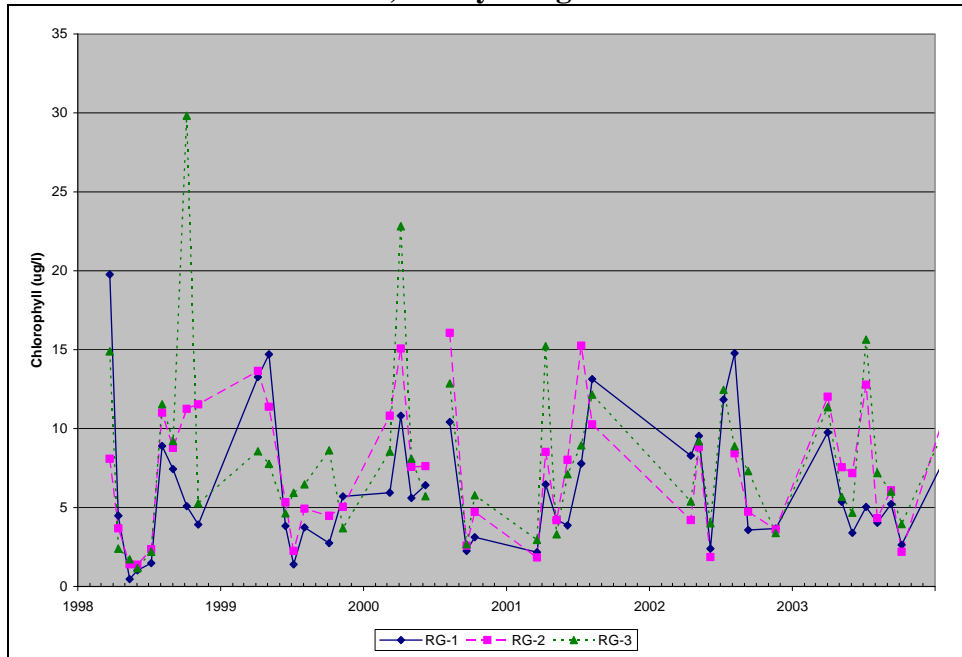


Figure A.53. Observed Chlorophyll *a* Concentrations at MDE Sampling Stations, 2000, Triadelphia Reservoir

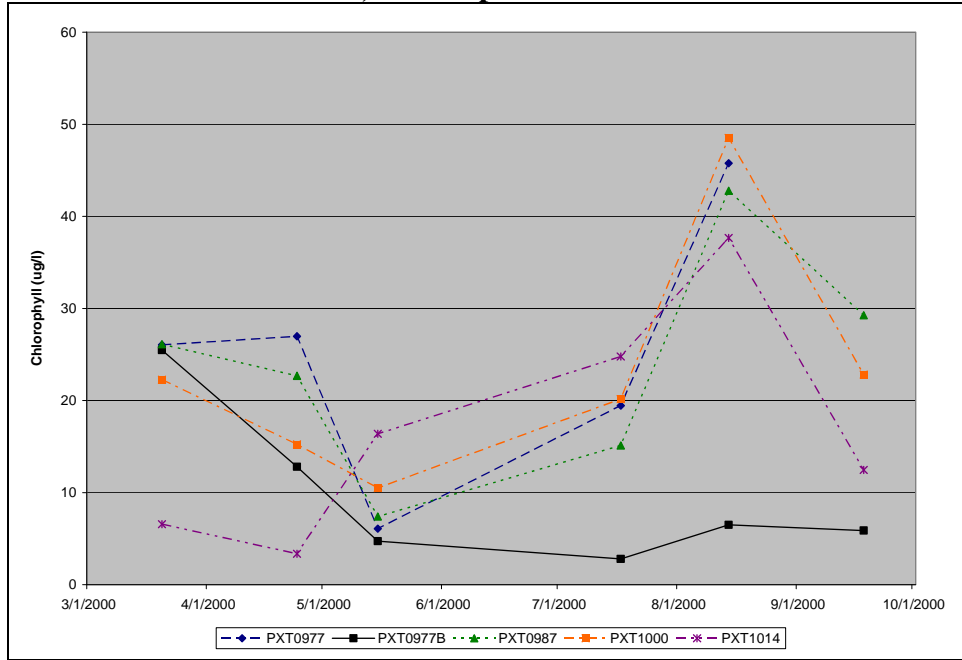


Figure A.54. Observed Chlorophyll *a* Concentrations at MDE Sampling Stations, 2000, Rocky Gorge Reservoir

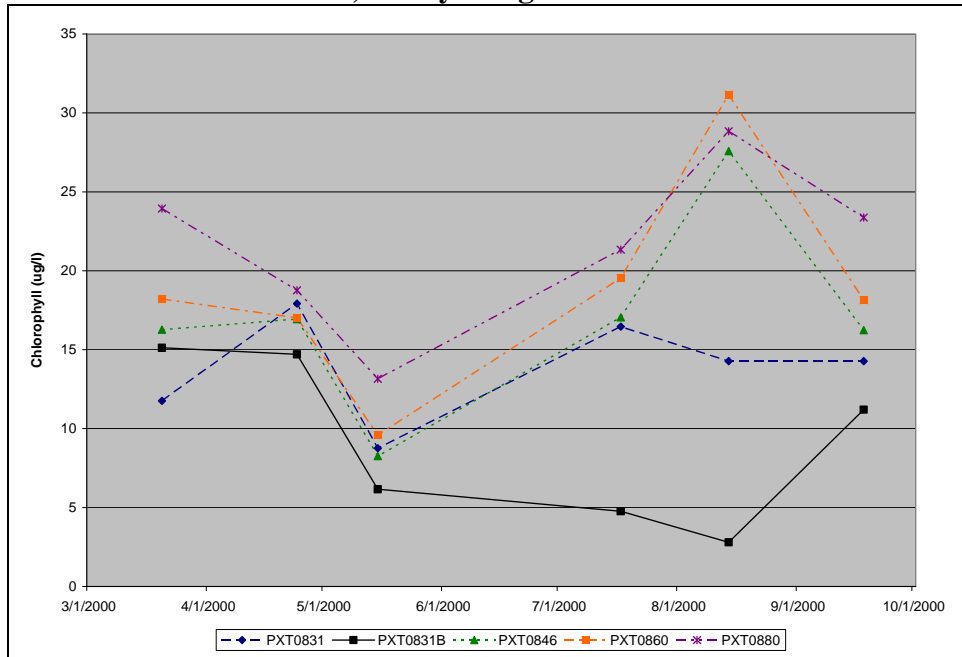


Table A1. Summary Statistic for N:P Ratio, Patuxent Reservoirs, 1998-2003

Statistic	Triadelphia	Rocky Gorge
Mean	64	52
Std. Dev.	59	38
Min	8	7
1stQ	29	26
Median	51	43
3rdQ	77	67
Max	508	312
Percent <10	2%	2%
Count	133	128

**Table A2. Maximum Observed Chla Concentration, 1998-2003
Triadelphia Reservoir**

Year	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1998	19	3	2	1	9	21	33	10	12
1999	44	9	18	17	23	24		9	13
2000	26	27	16	9	25	49	29	7	4
2001	3	11	7	11	12	19			
2002		11	15	8	29	26	19		15
2003		14	5	4	18	11	8	7	

**Table A3. Maximum Observed Chla Concentration, 1998-2003
Rocky Gorge Reservoir**

Year	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1998	20	4	2	1	2	12	9	30	12
1999		14	15	5	6	6		9	6
2000	24	19	13	8	21	31	23	6	
2001	3	15	4	8	15	13			
2002		8	10	4	12	15	7		4
2003		12	8	7	16	7	6	4	