

FINAL

BACK RIVER NUTRIENTS TMDLS

APPENDIX 1

PART C

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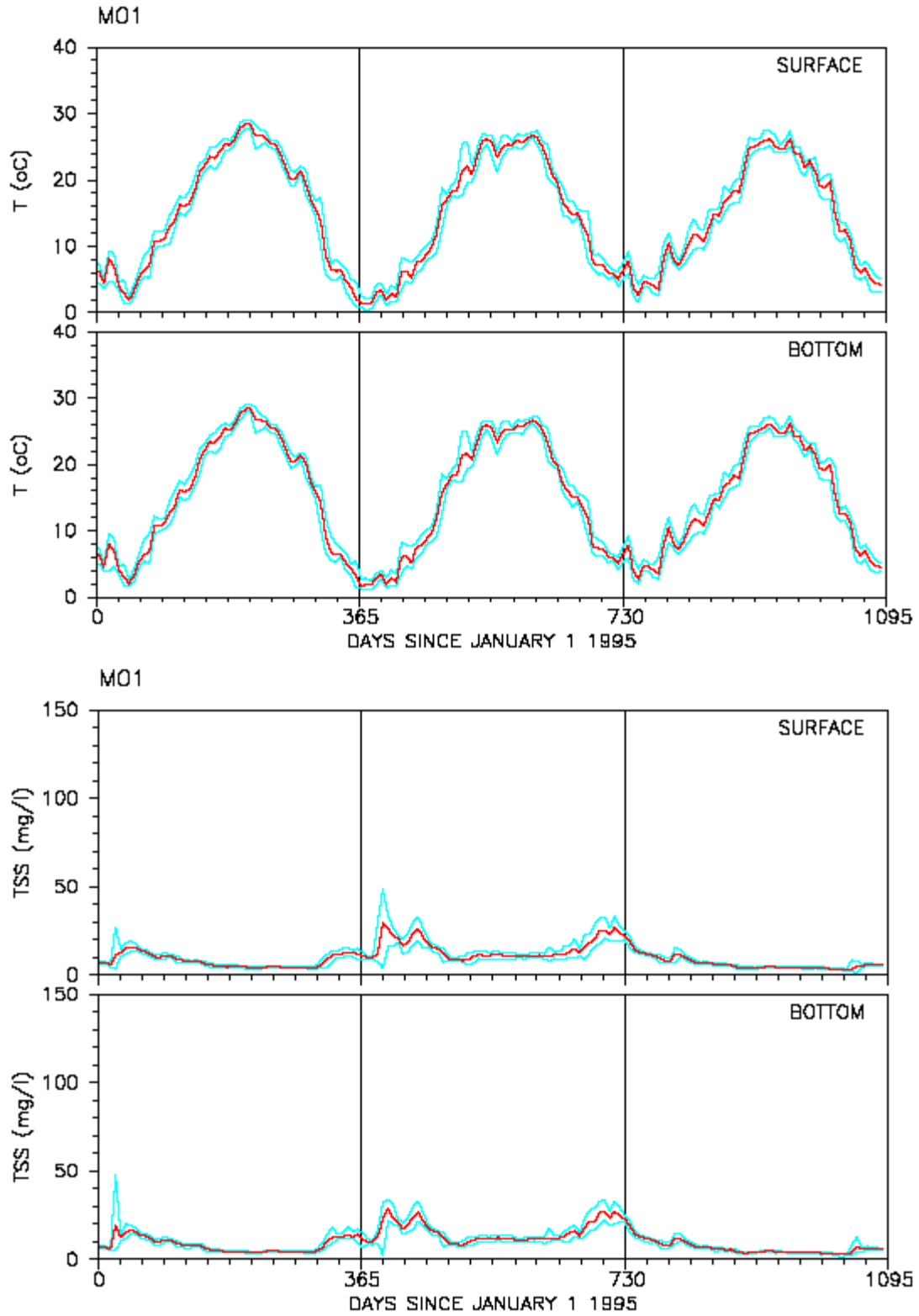


Fig. 1. Time series comparison of model TMDL results and data for temperature and total suspended solids in Back River (M01)

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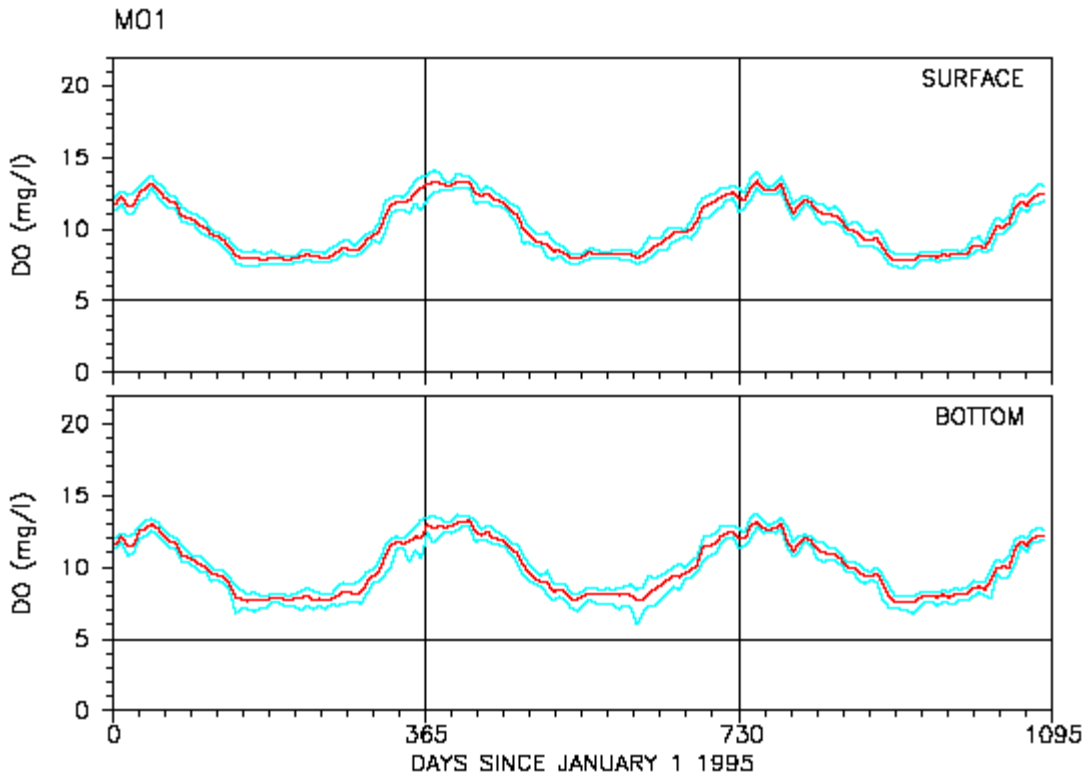
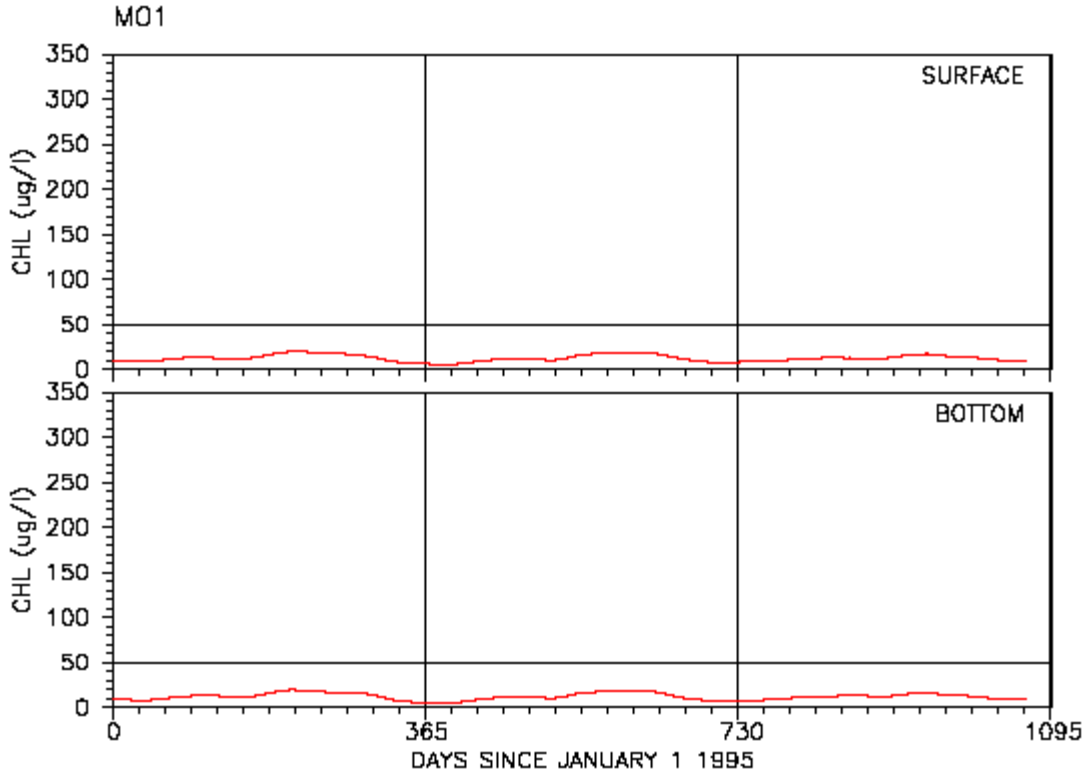


Fig. 2. Time series comparison of model TMDL results and data for chlorophyll a and dissolved oxygen in Back River (M01)

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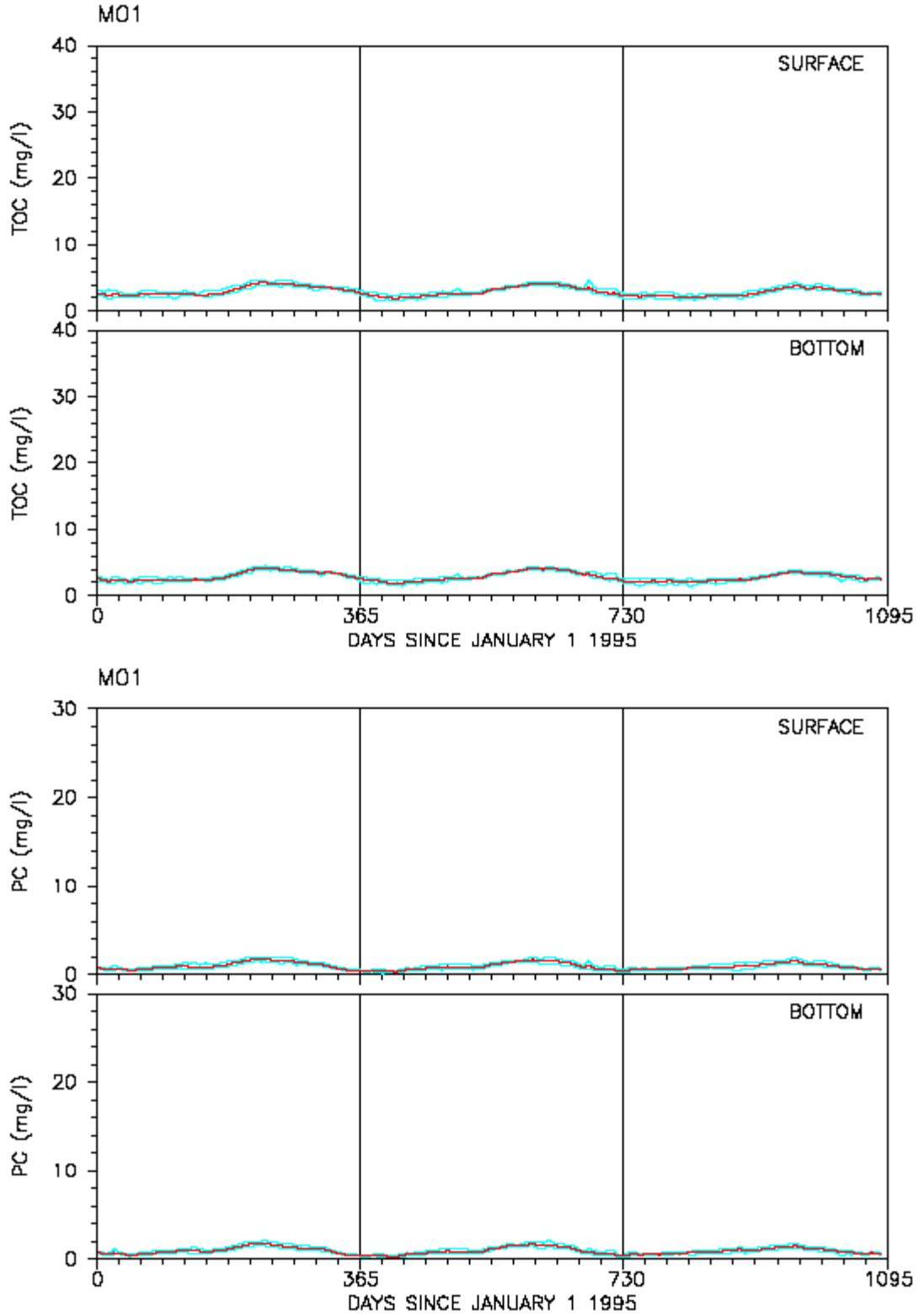


Fig. 3. Time series comparison of model TMDL results and data for total organic carbon and particulate organic carbon in Back River (M01)

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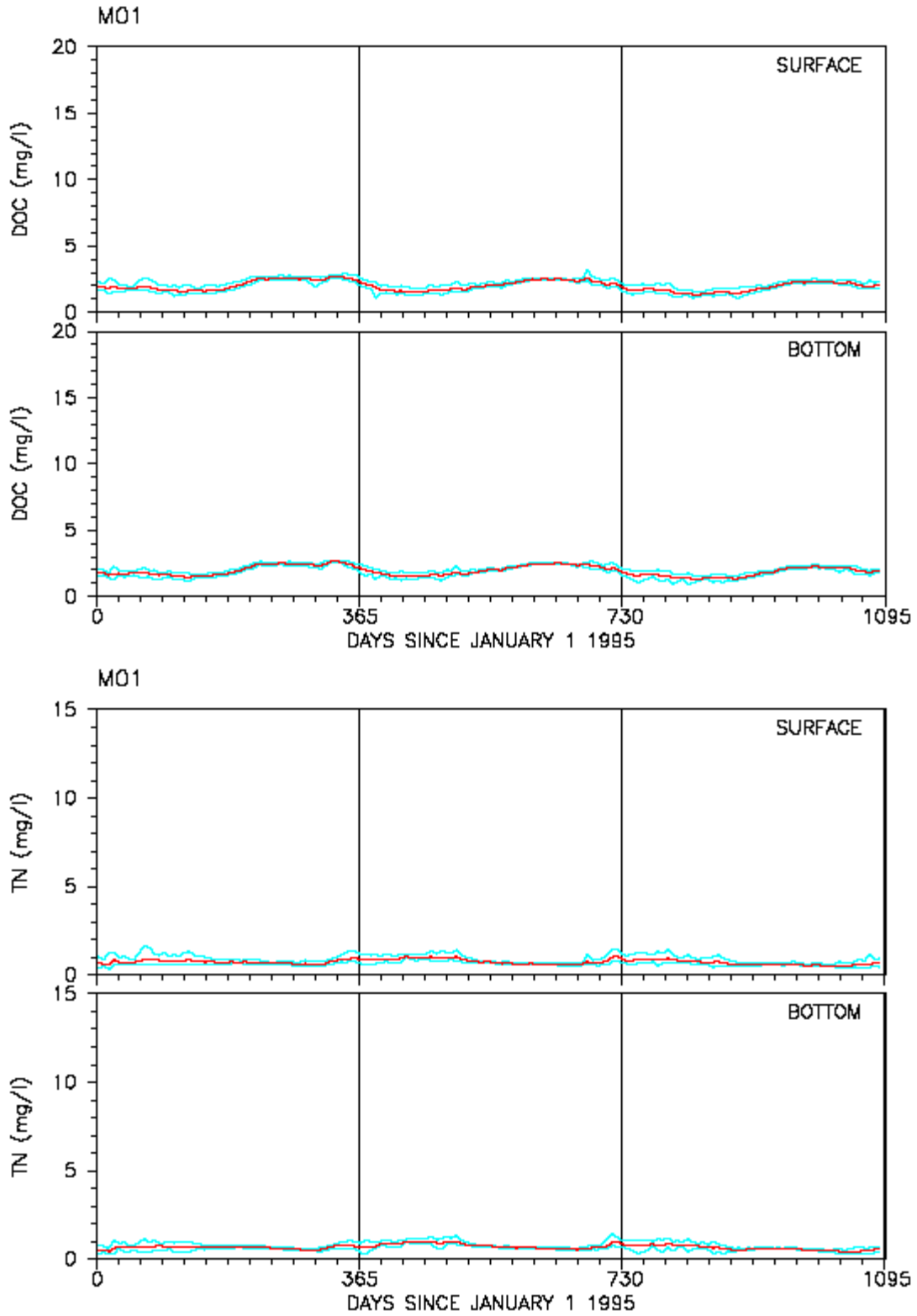


Fig. 4. Time series comparison of model TMDL results and data for dissolved organic carbon and total nitrogen in Back River (M01)

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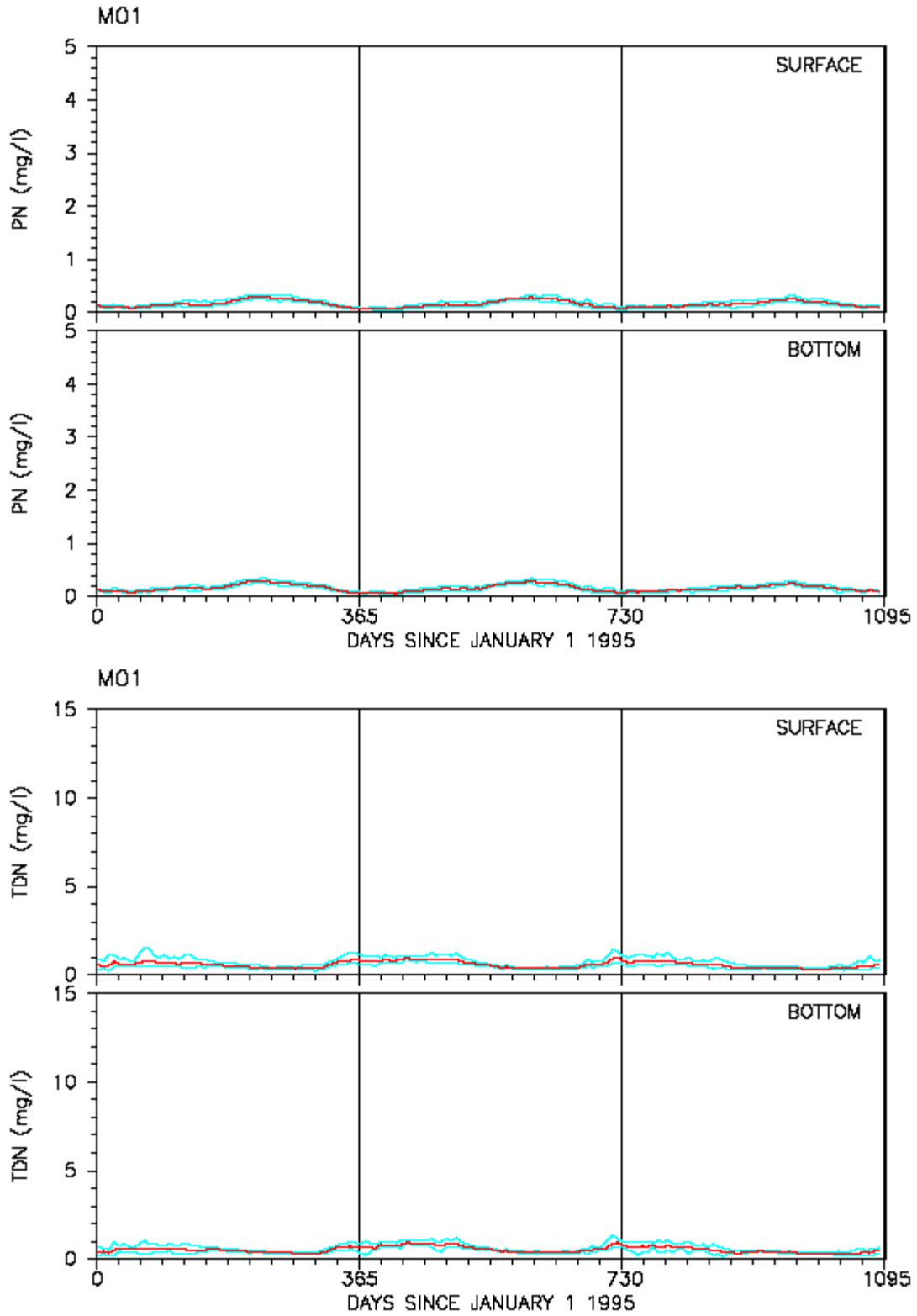


Fig. 5. Time series comparison of model TMDL results and data for particulate nitrogen and total dissolved nitrogen in Back River (M01)

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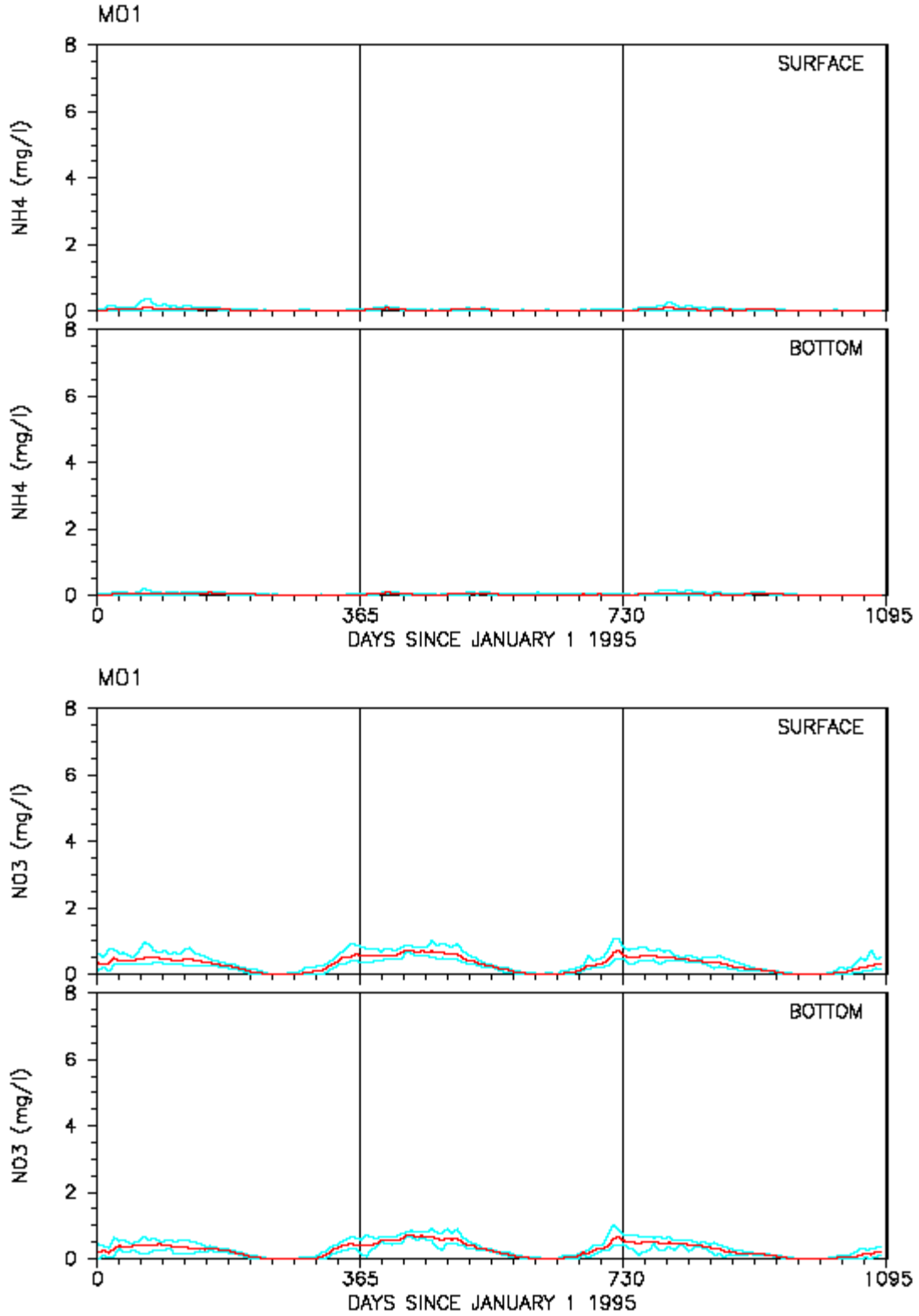


Fig. 6. Time series comparison of model TMDL results and data for ammonia and nitrate nitrogen in Back River (M01)

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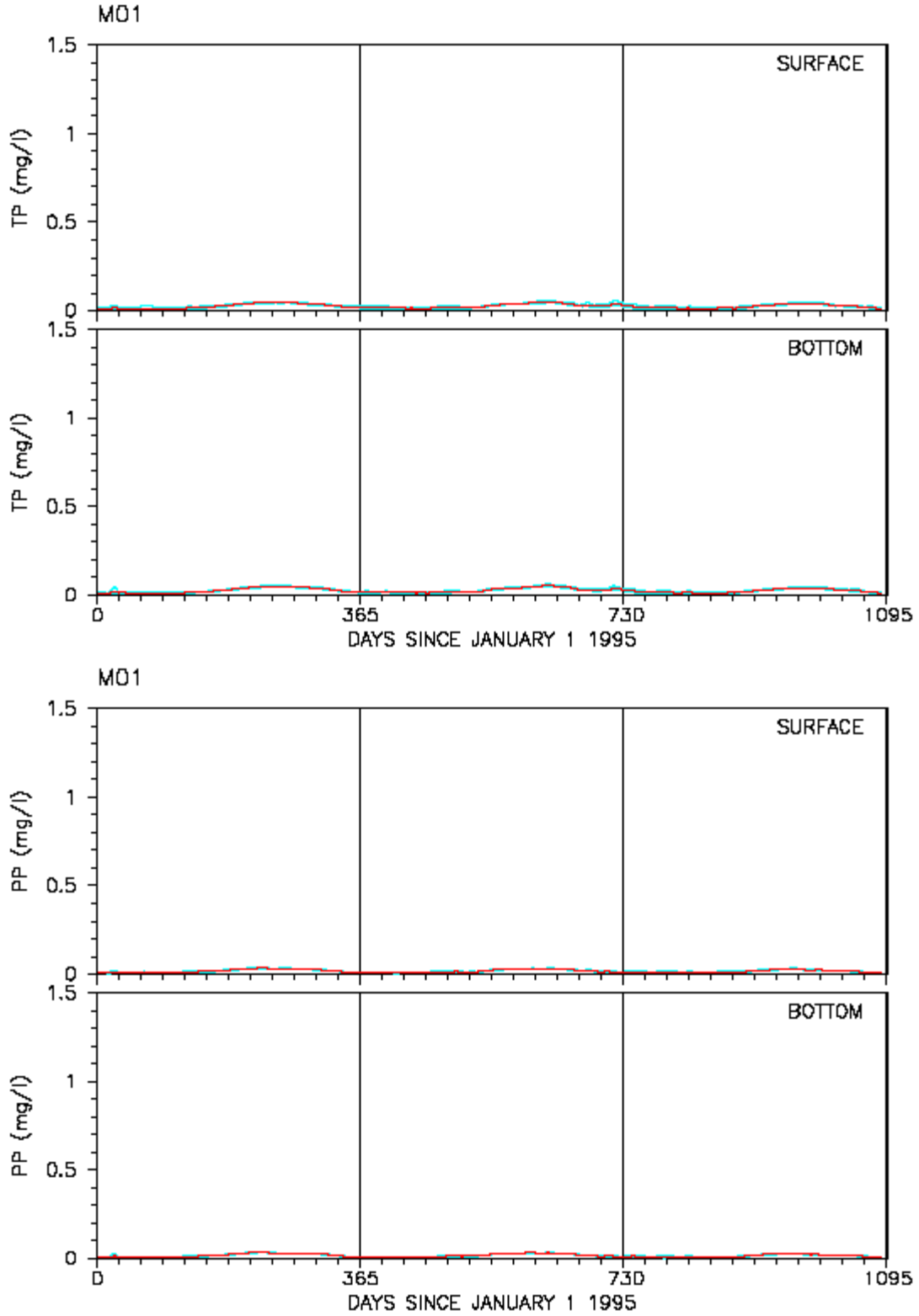


Fig. 7. Time series comparison of model TMDL results and data for total phosphorus and particulate phosphorus in Back River (M01)

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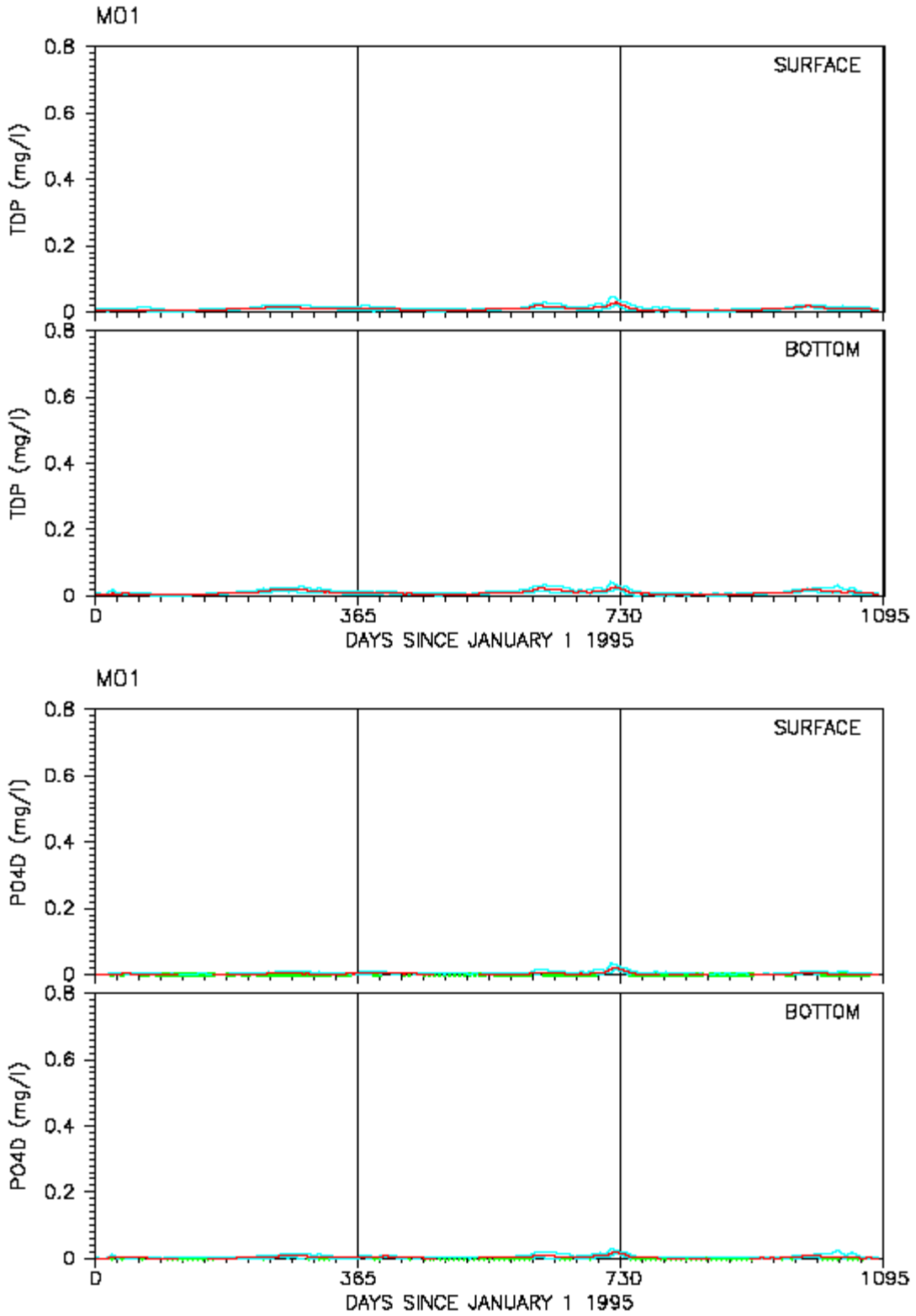


Fig. 8. Time series comparison of model TMDL results and data for total dissolved phosphorus and dissolved phosphate in Back River (M01)

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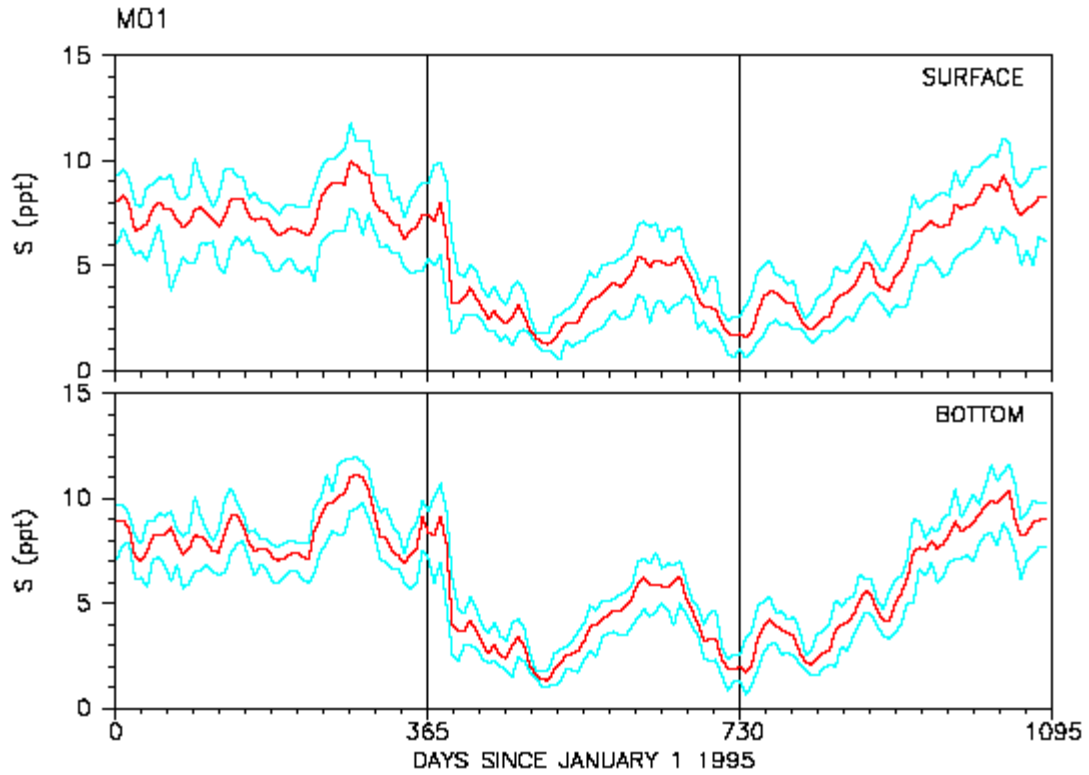


Fig. 9. Time series comparison of model TMDL results and data for salinity in Back River (M01)

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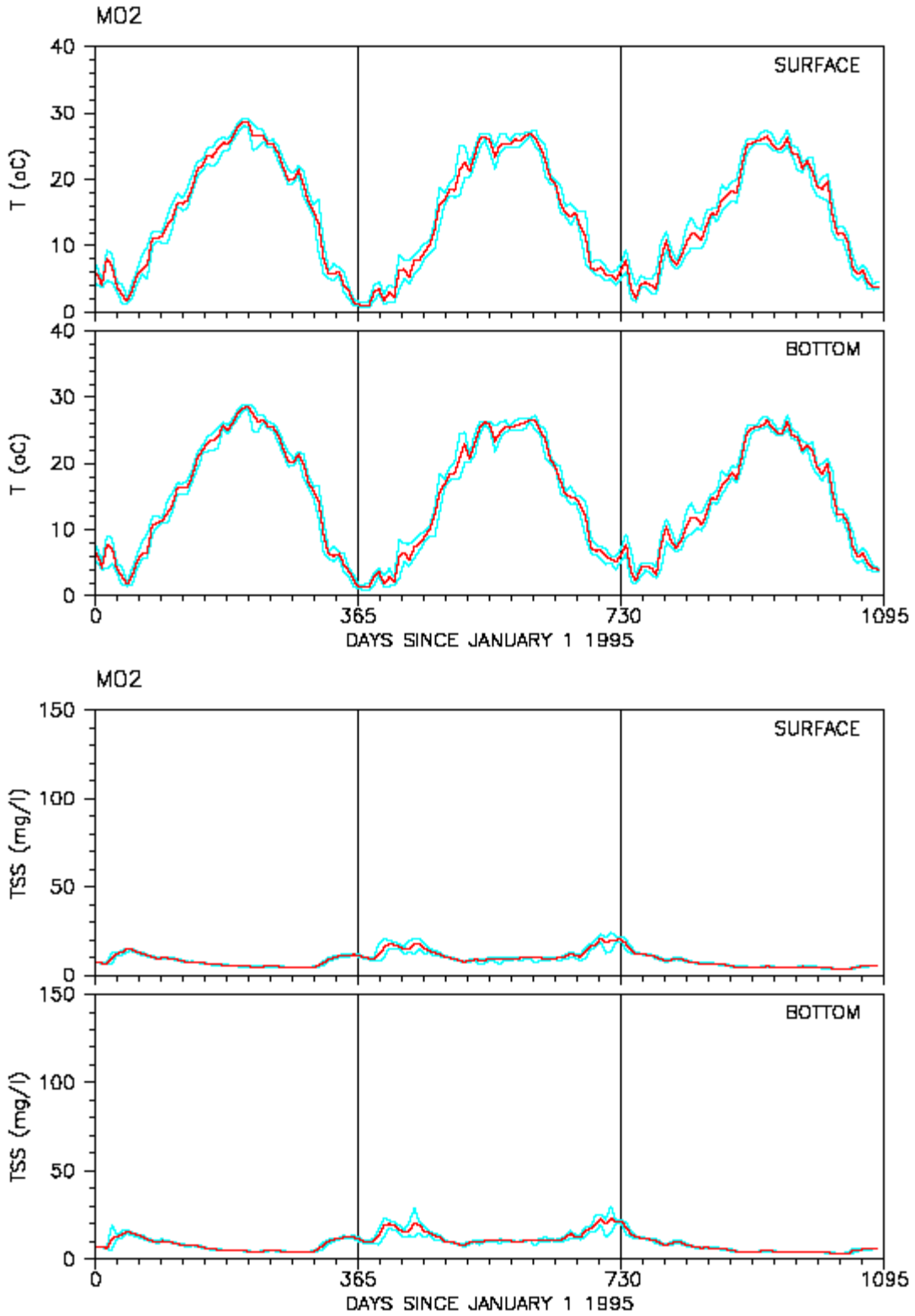


Fig. 10. Time series comparison of model TMDL results and data for temperature and total suspended solids in Back River (M02)

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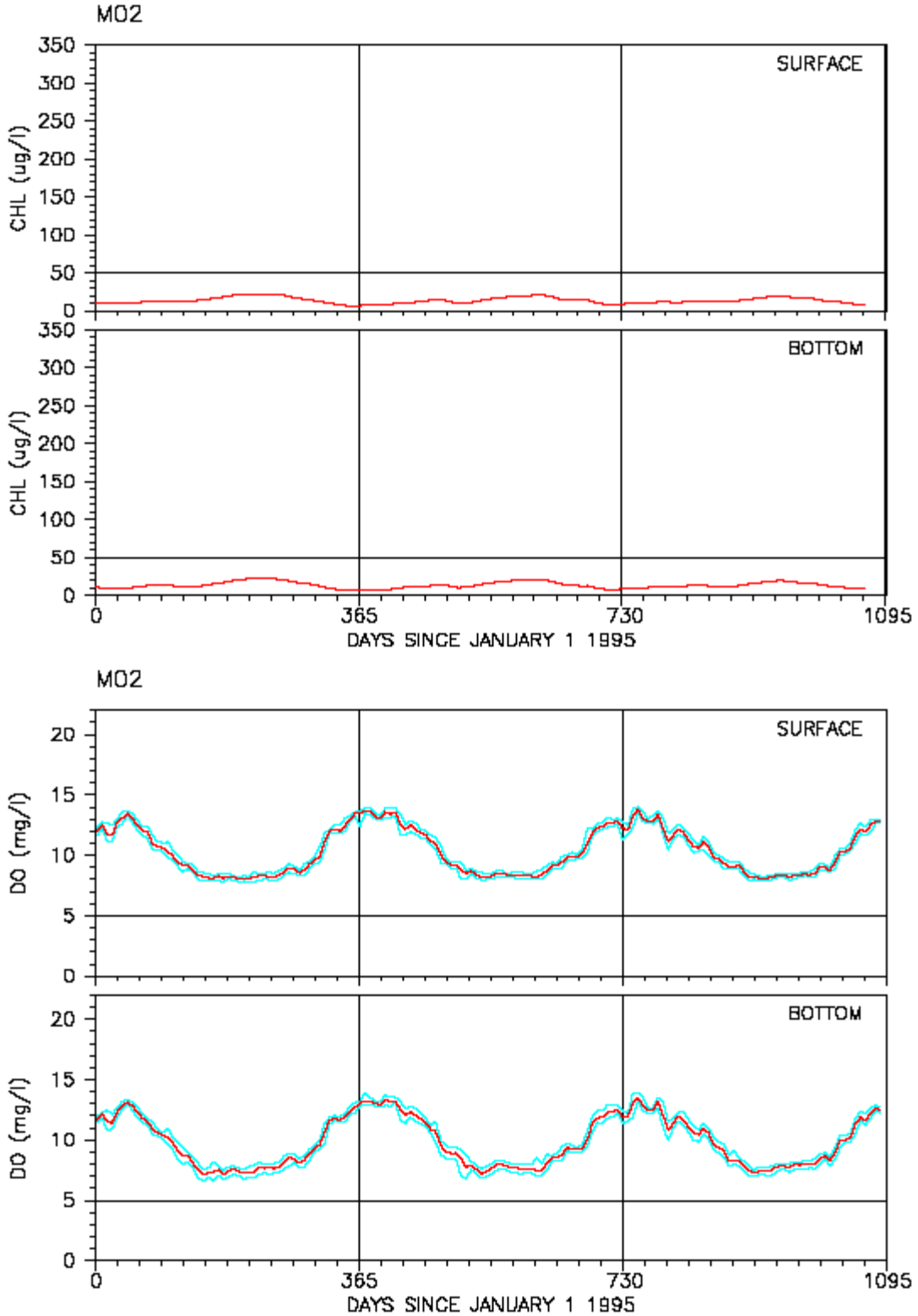


Fig. 11. Time series comparison of model TMDL results and data for chlorophyll a and dissolved oxygen in Back River (M02)

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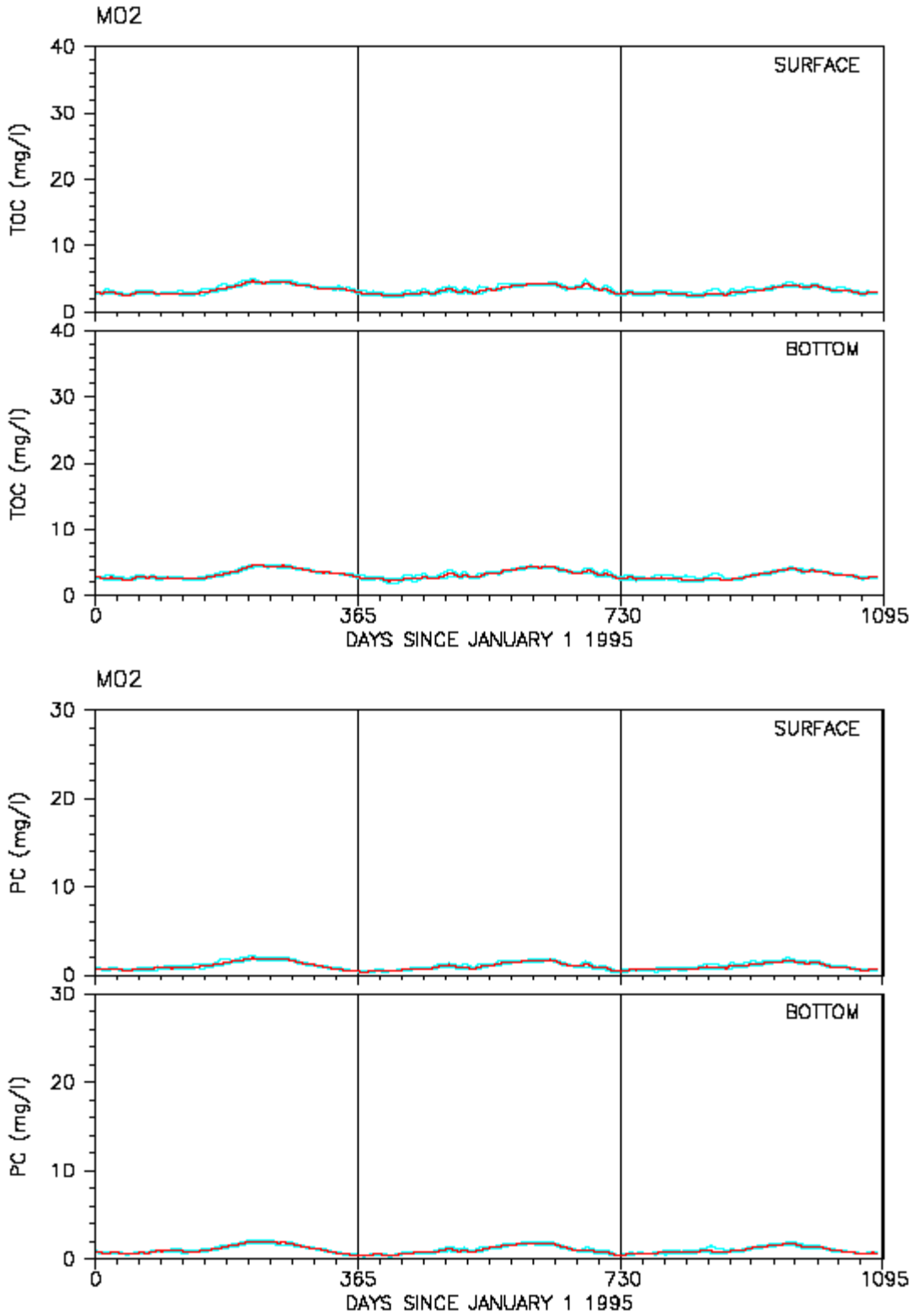


Fig. 12. Time series comparison of model TMDL results and data for total organic carbon and particulate organic carbon in Back River (M02)

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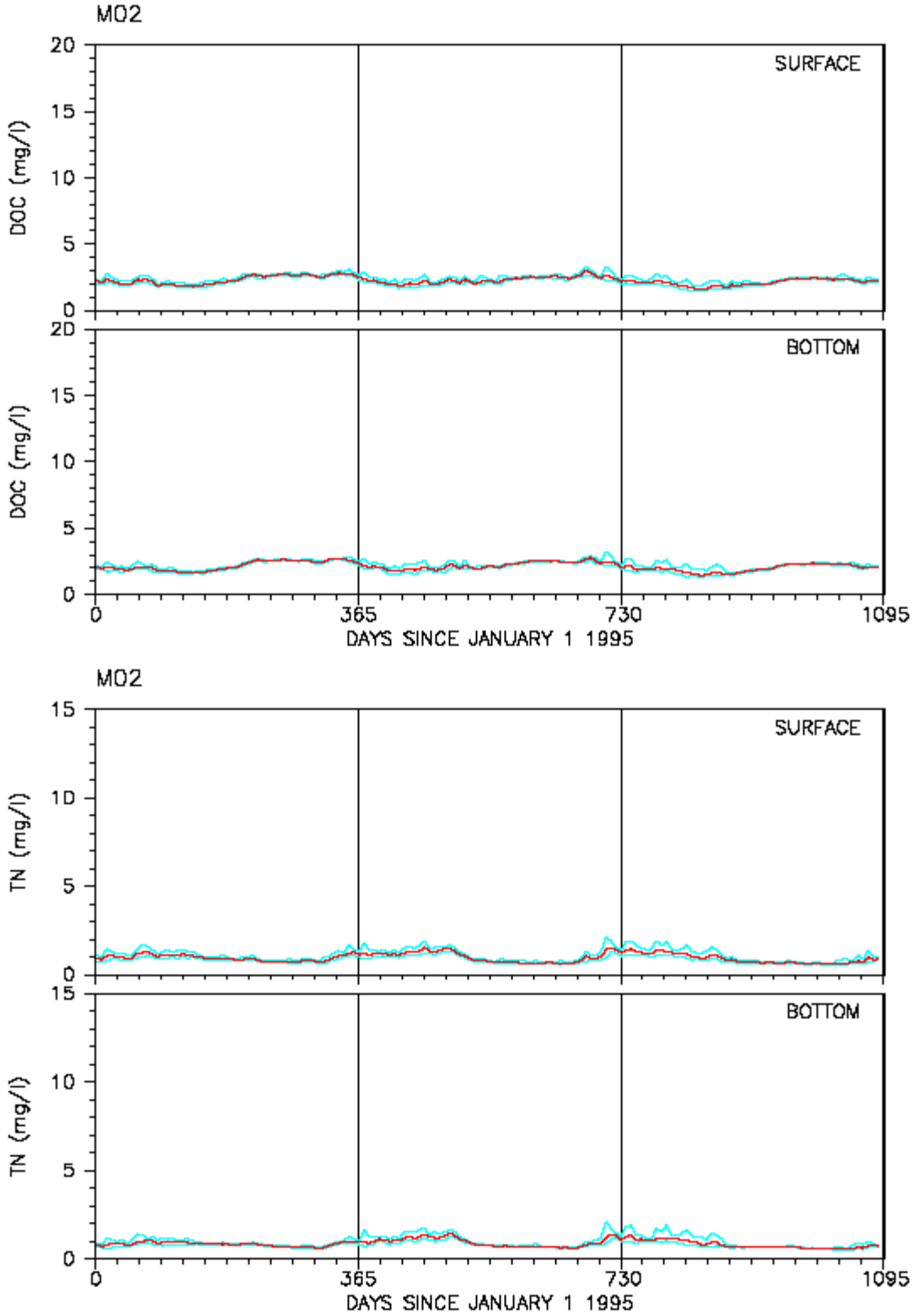


Fig. 13. Time series comparison of model TMDL results and data for dissolved organic carbon and total nitrogen in Back River (M02)

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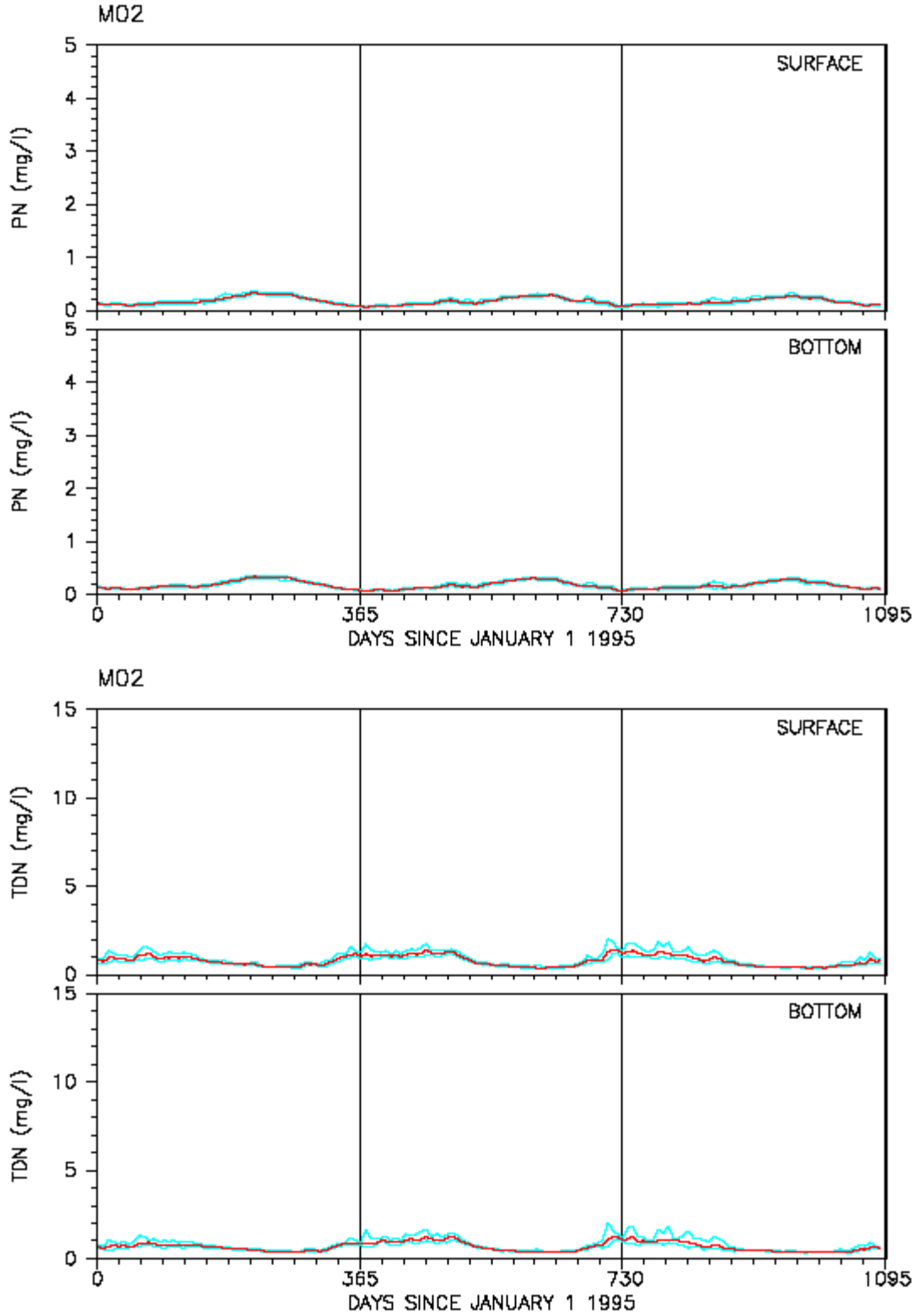


Fig. 14. Time series comparison of model TMDL results and data for particulate nitrogen and total dissolved nitrogen in Back River (M02)

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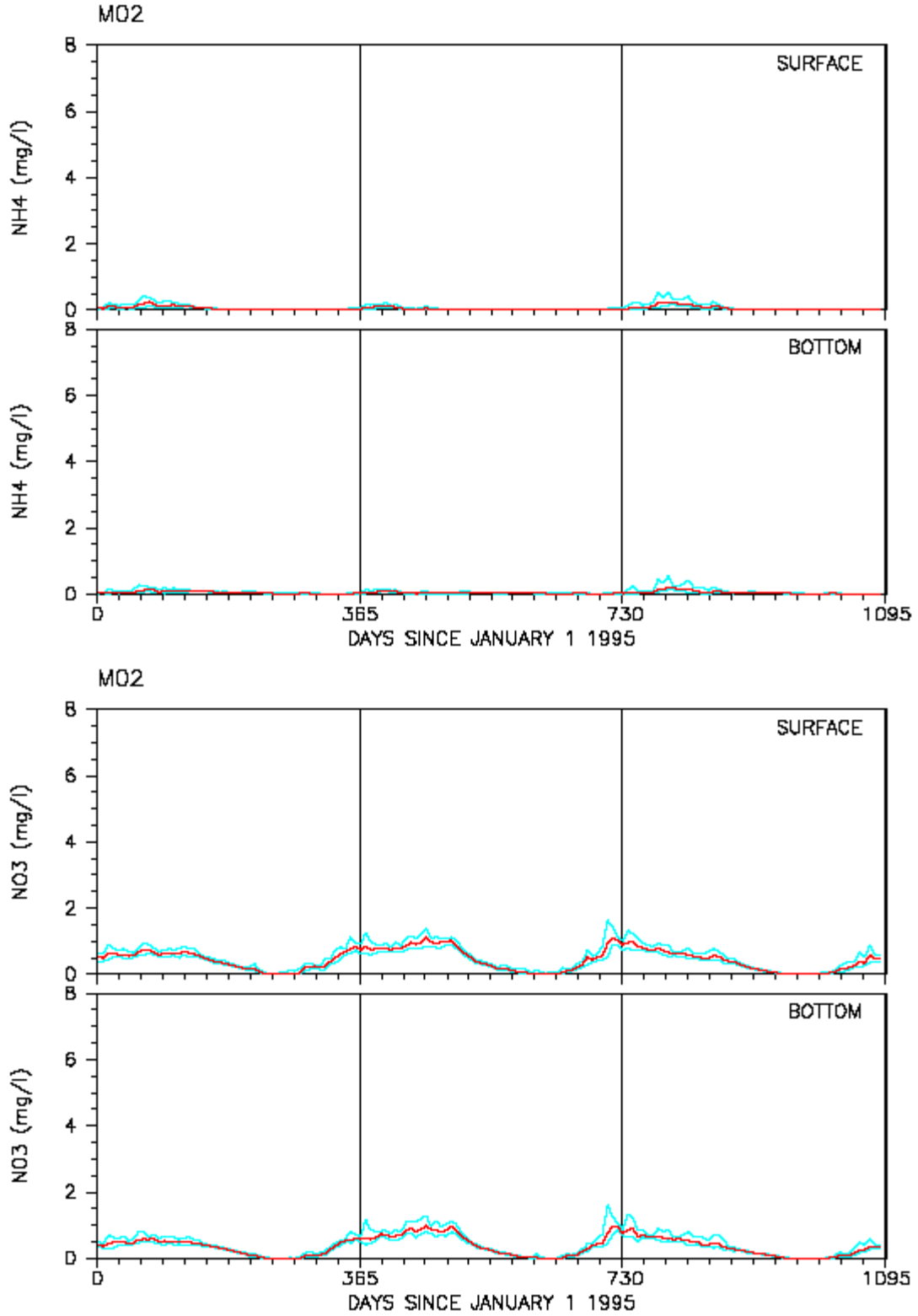


Fig. 15. Time series comparison of model TMDL results and data for ammonia and nitrate nitrogen in Back River (M02)

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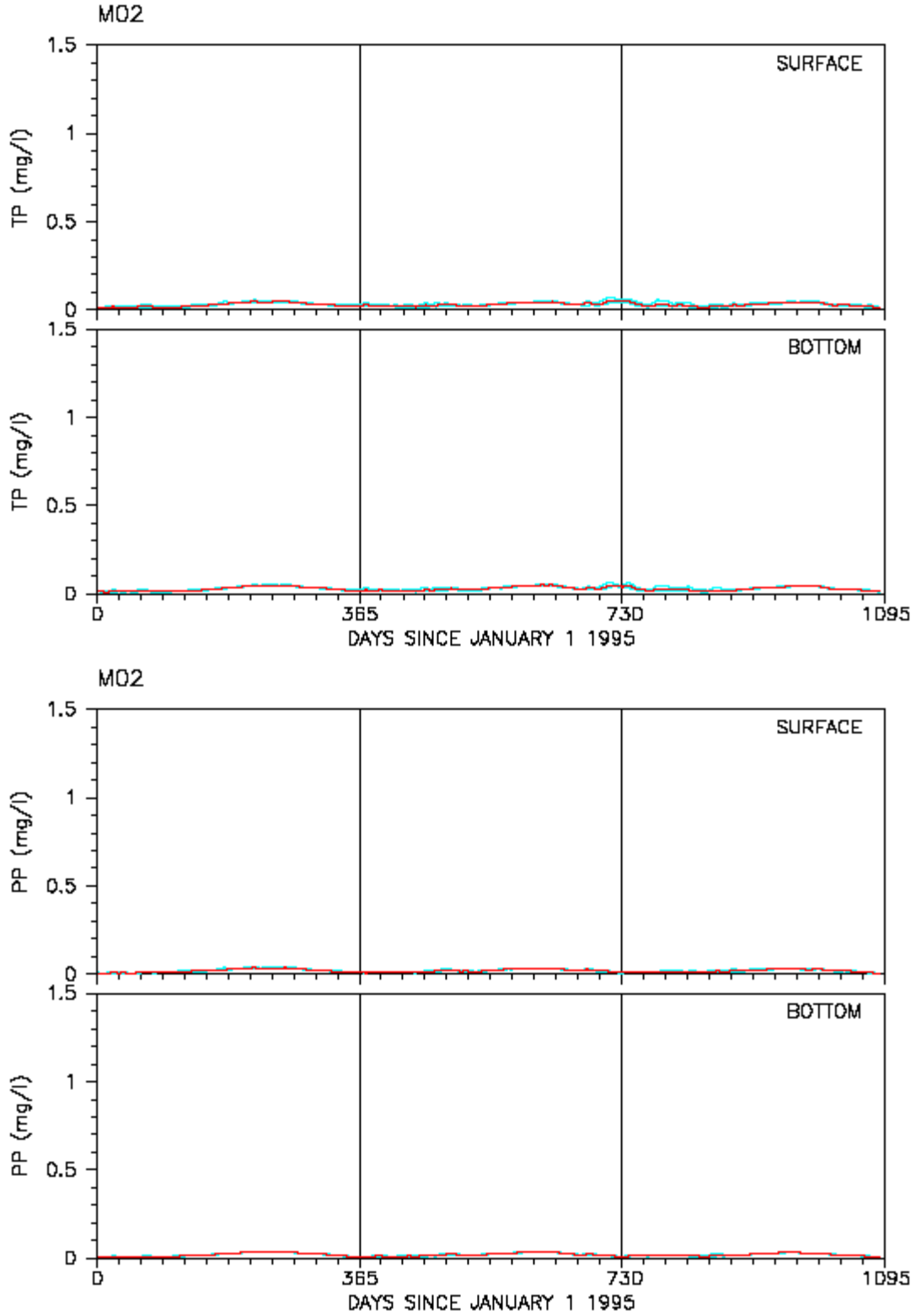


Fig. 16. Time series comparison of model TMDL results and data for total phosphorus and particulate phosphorus in Back River (M02)

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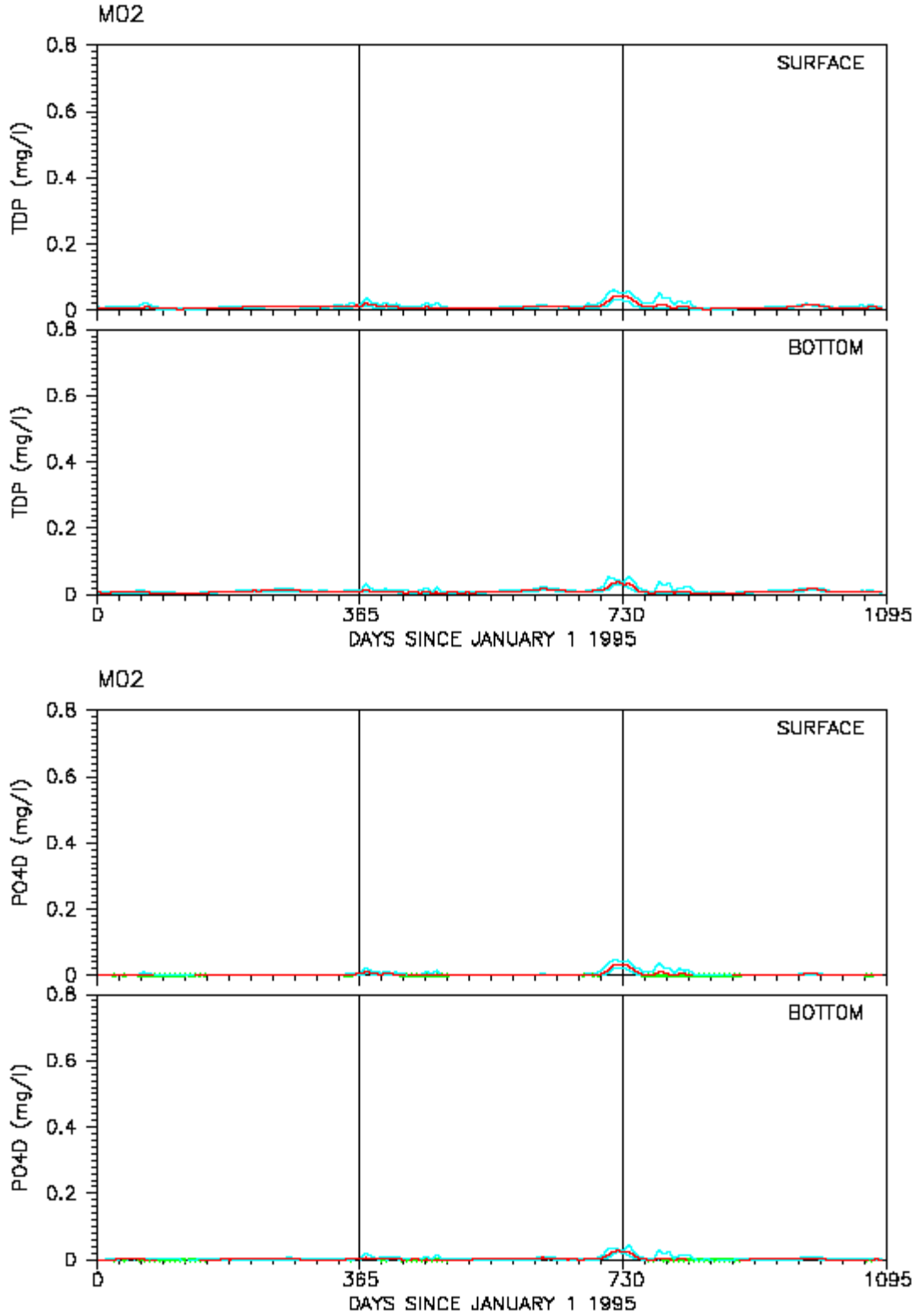


Fig. 17. Time series comparison of model TMDL results and data for total dissolved phosphorus and dissolved phosphate in Back River (M02)

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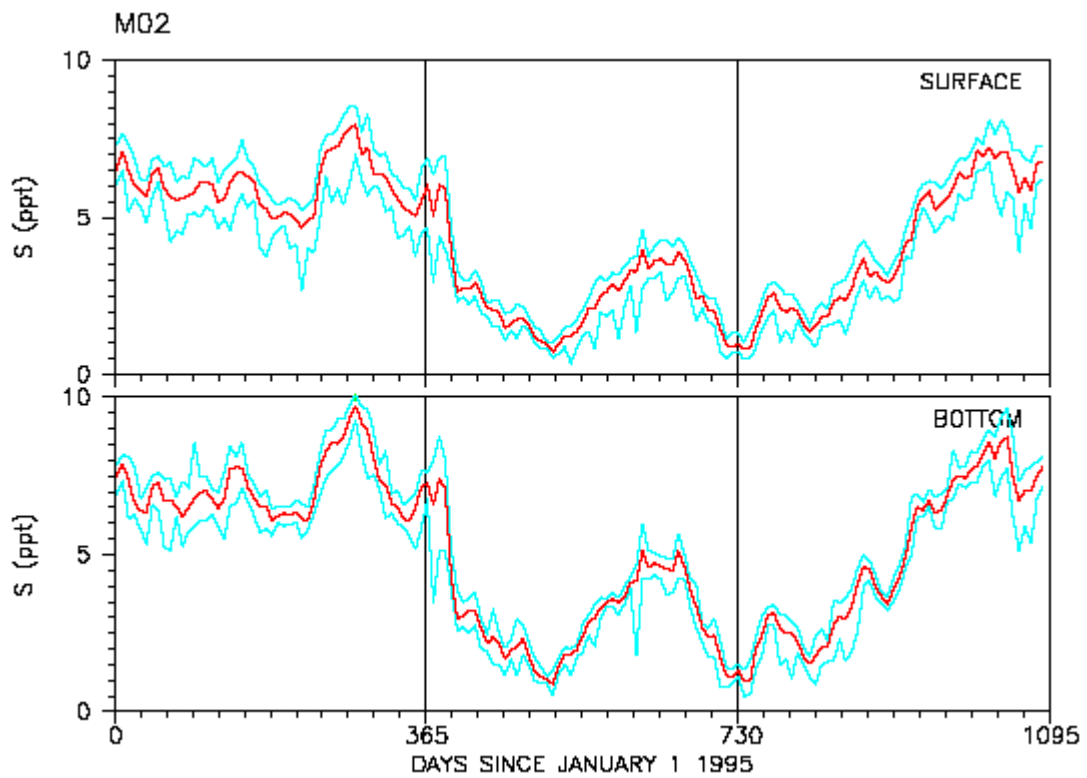


Fig. 18. Time series comparison of model TMDL results and data for salinity in Back River (M02)

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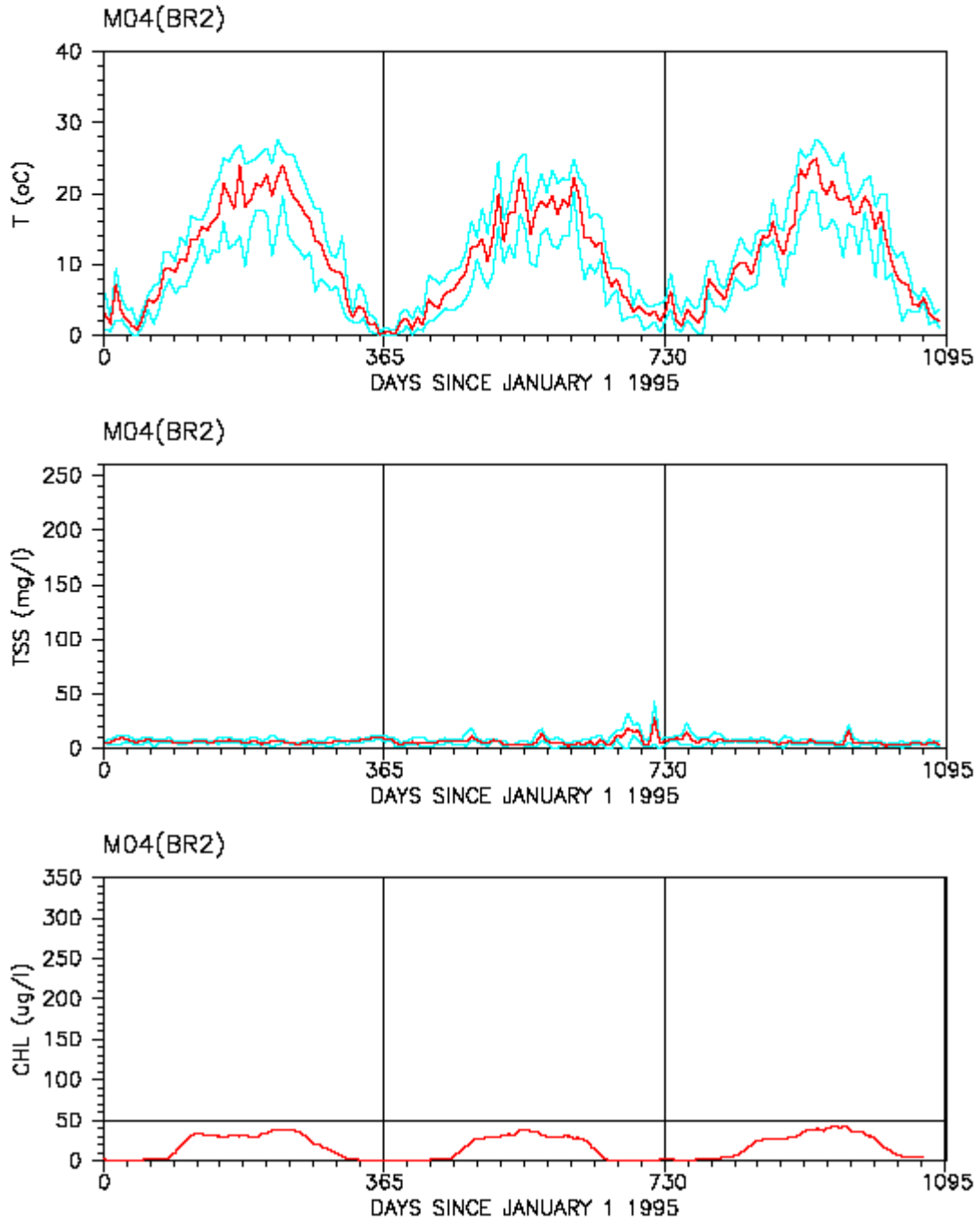


Fig. 19. Time series comparison of model TMDL results and data for temperature, total suspended solids, and chlorophyll a in Back River (M04)

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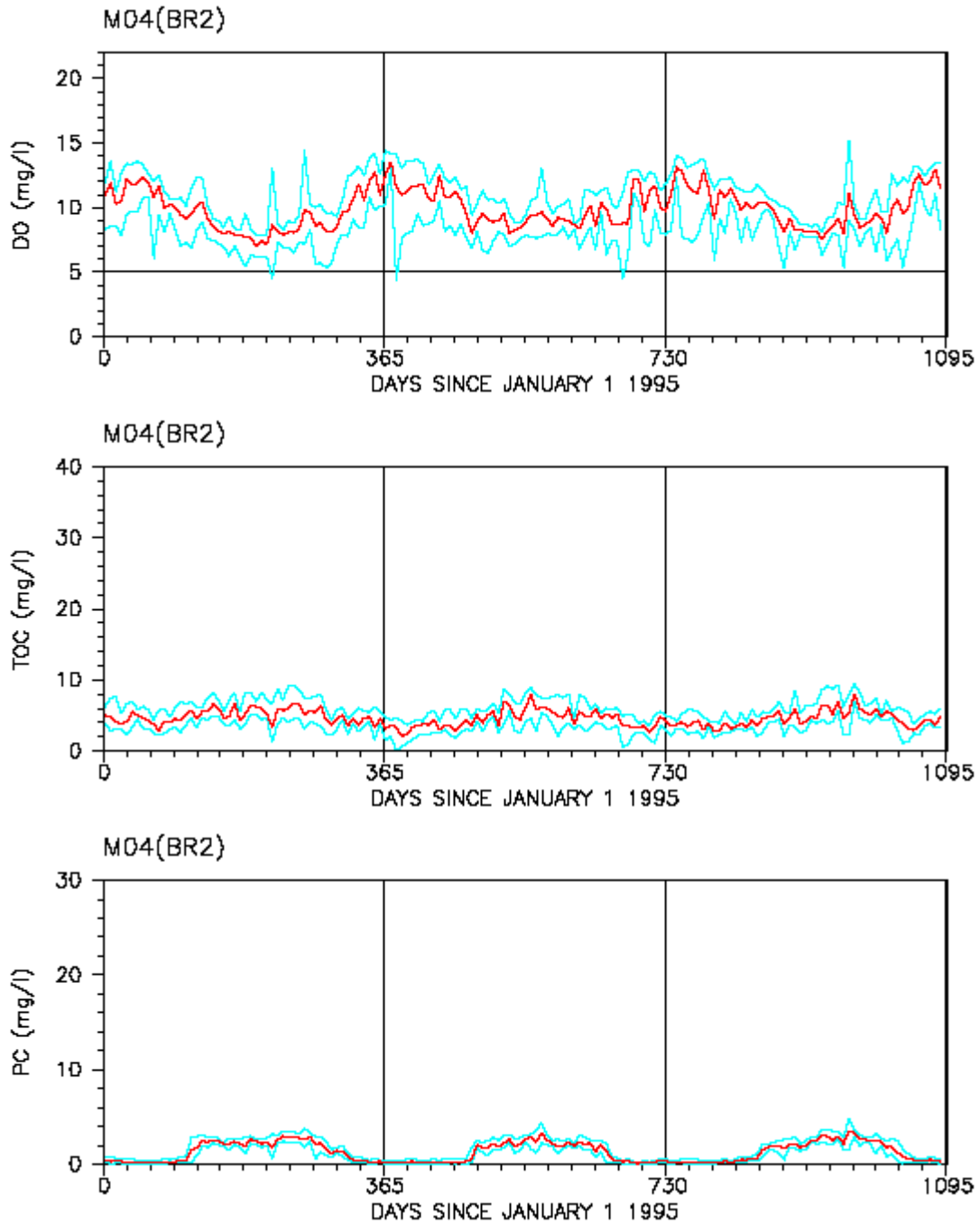


Fig. 20. Time series comparison of model TMDL results and data for dissolved oxygen, total organic carbon, and particulate organic carbon in Back River (M04)

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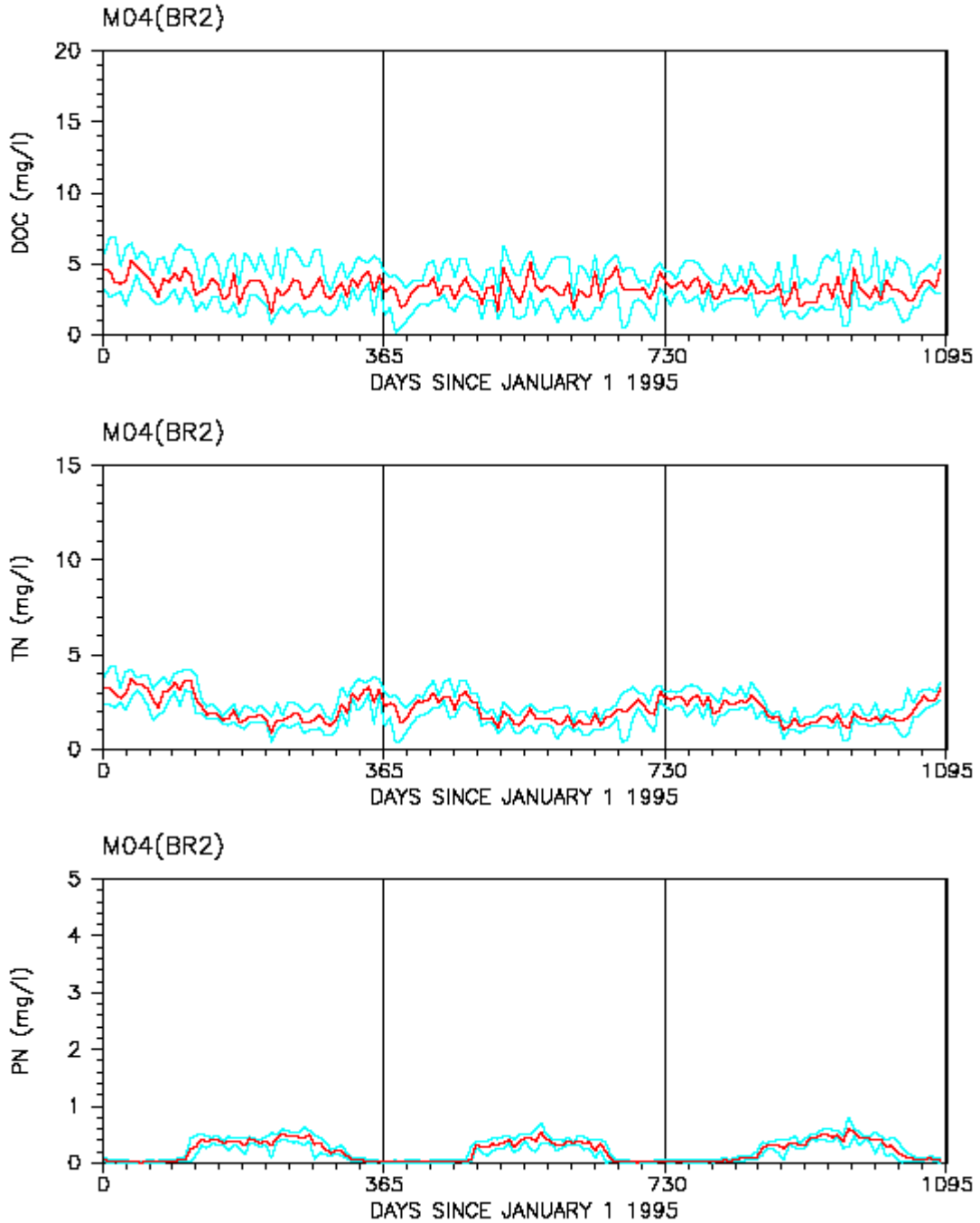


Fig. 21. Time series comparison of model TMDL results and data for dissolved organic carbon, total nitrogen, and particulate nitrogen in Back River (M04)

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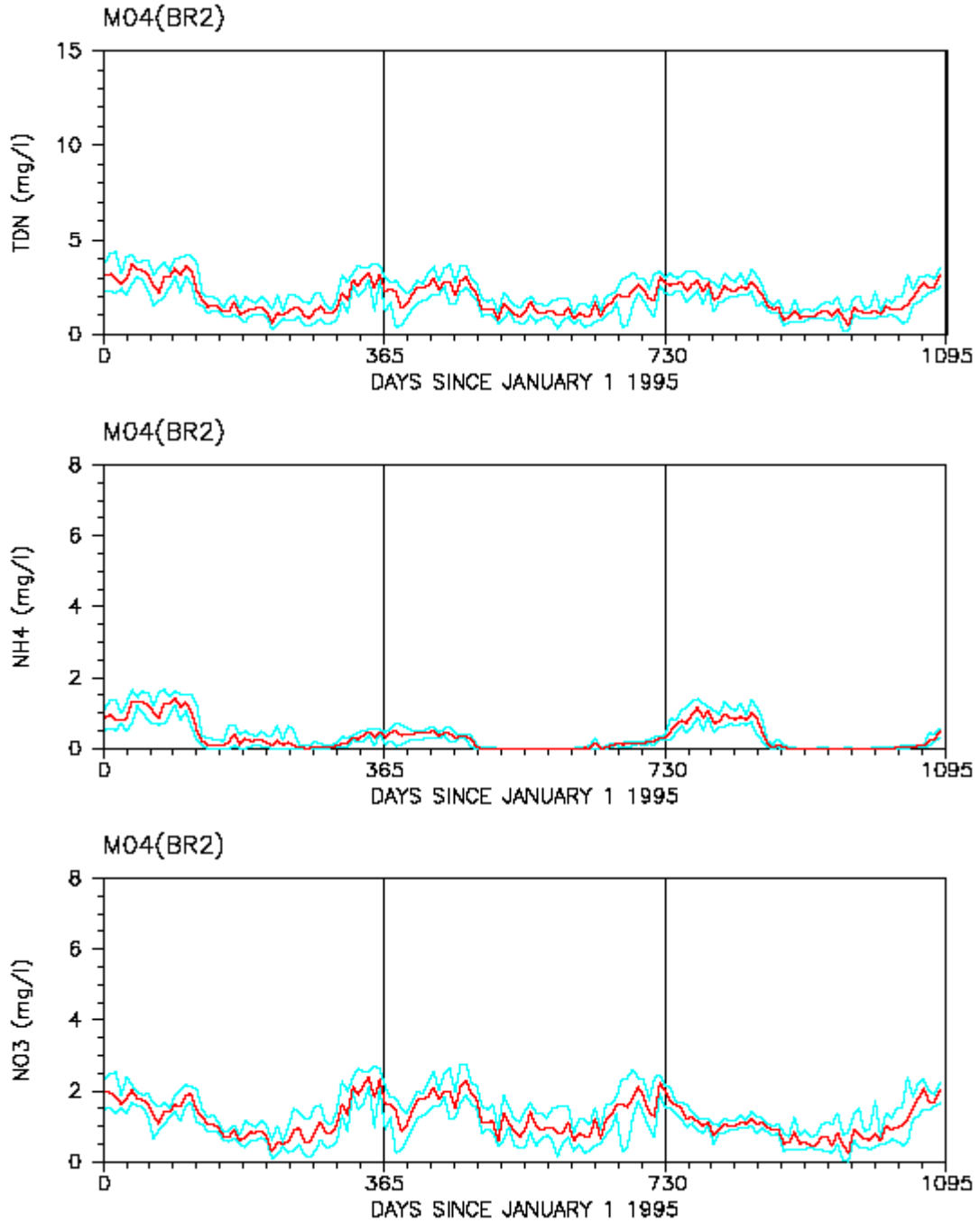


Fig. 22. Time series comparison of model TMDL results and data for total dissolved nitrogen, ammonia, and nitrate nitrogen in Back River (M04)

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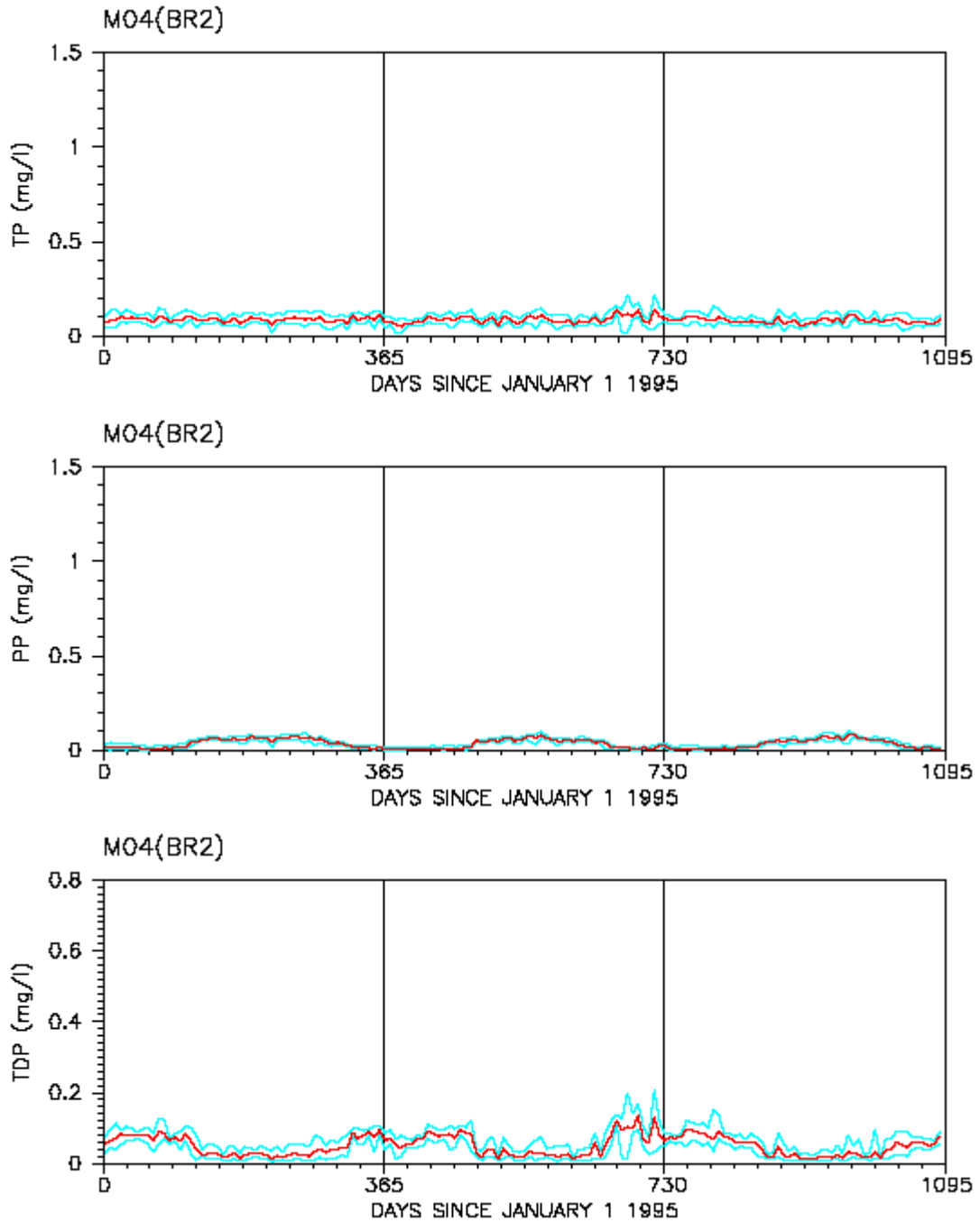


Fig. 23. Time series comparison of model TMDL results and data for total phosphorus, particulate phosphorus, and total dissolved phosphorus in Back River (M04)

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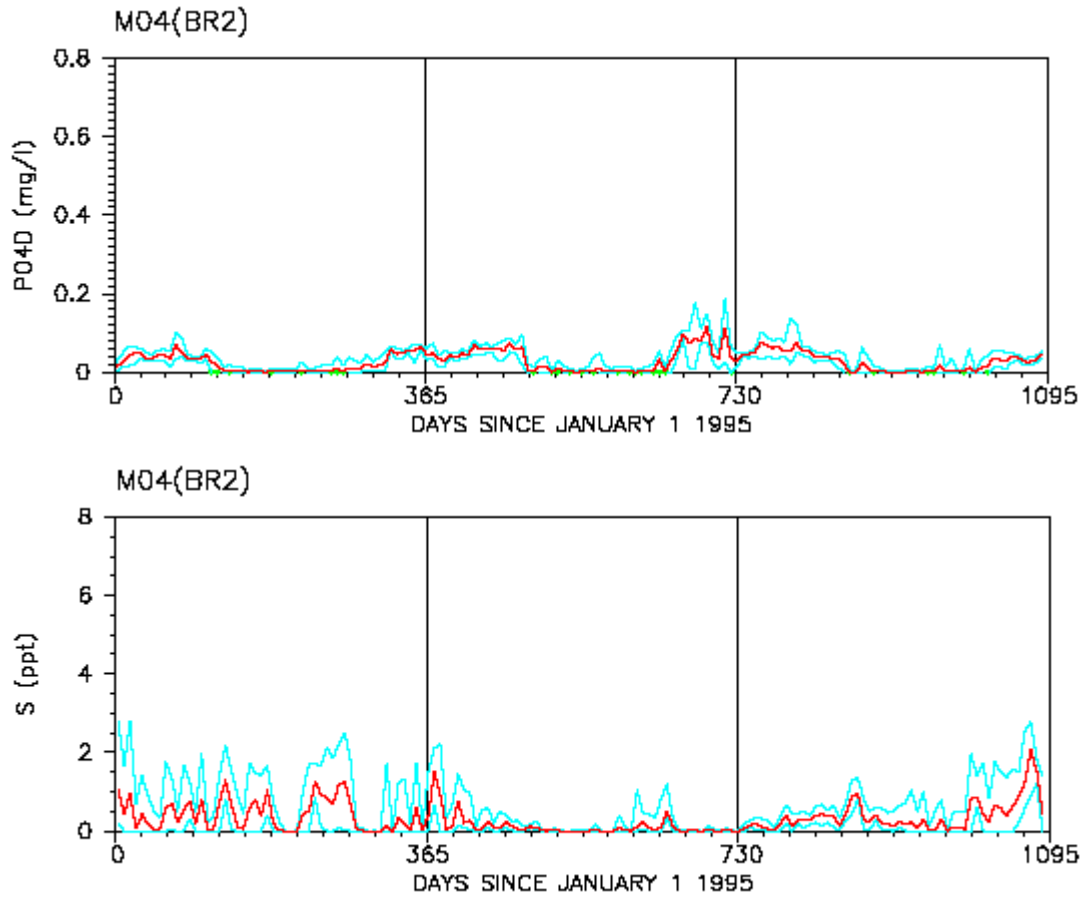


Fig. 24. Time series comparison of model TMDL results and data for dissolved phosphate and salinity in Back River (M04)

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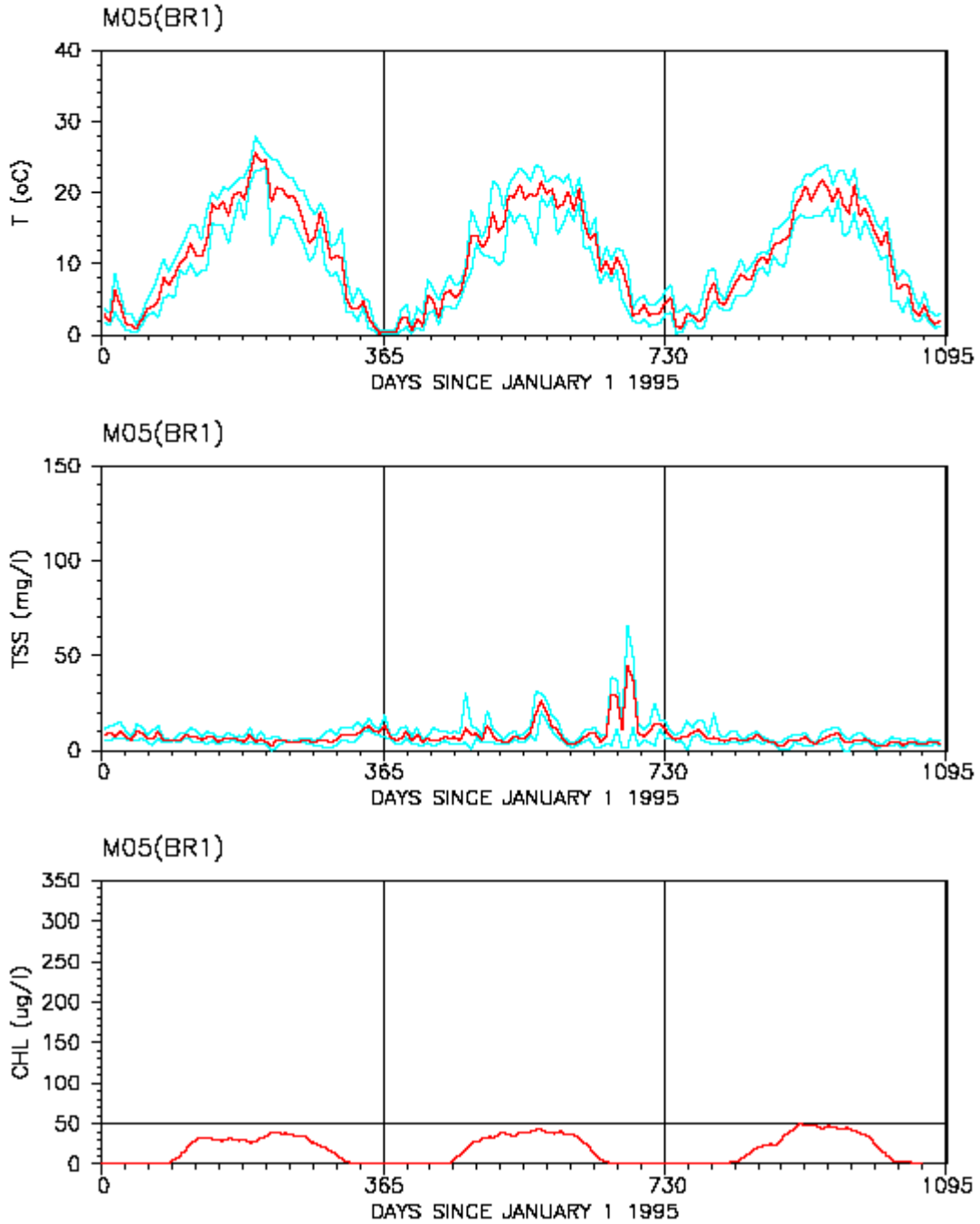


Fig. 25. Time series comparison of model TMDL results and data for temperature, total suspended solids, and chlorophyll a in Back River (M05)

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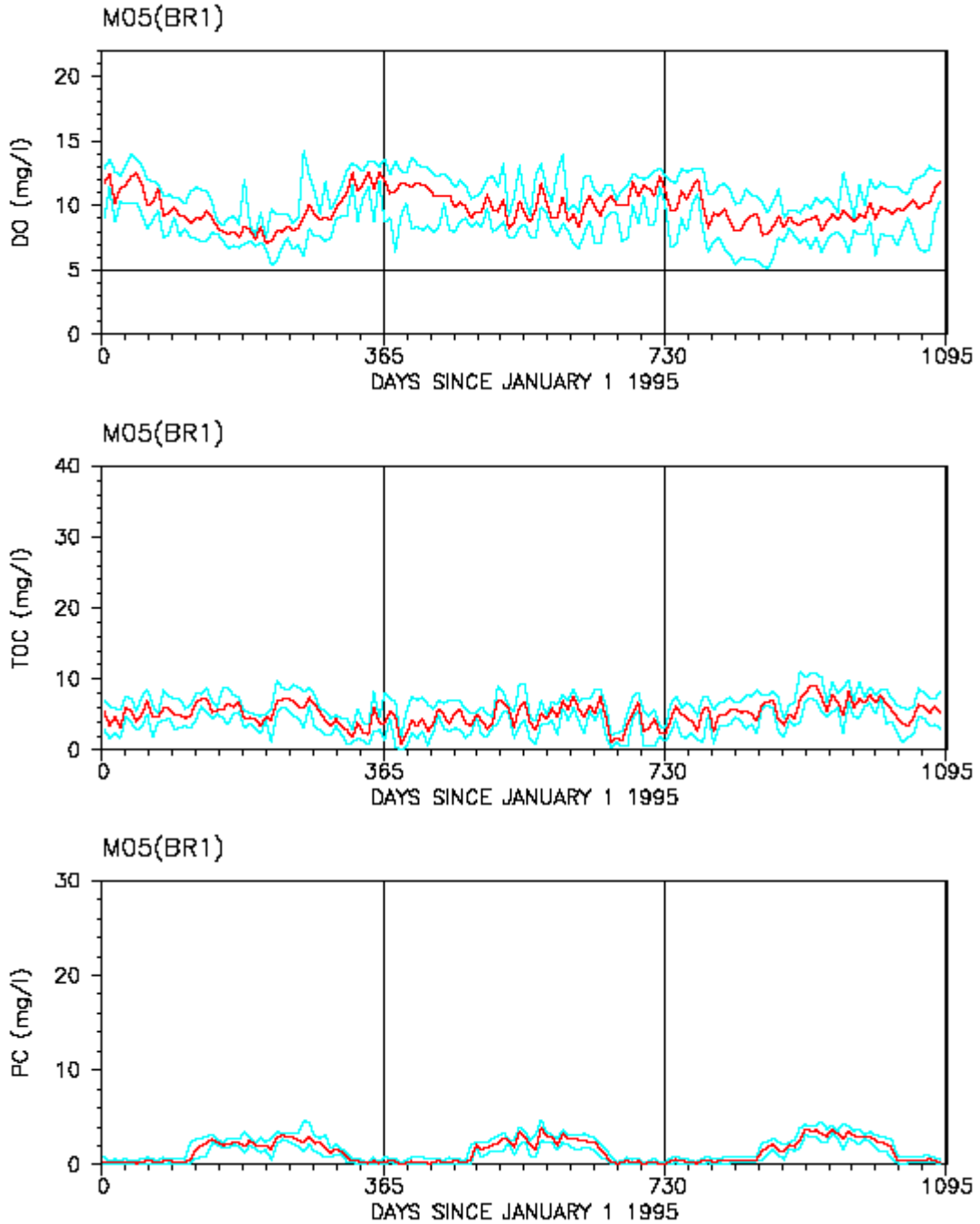


Fig. 26. Time series comparison of model TMDL results and data for dissolved oxygen, total organic carbon, and particulate organic carbon in Back River (M05)

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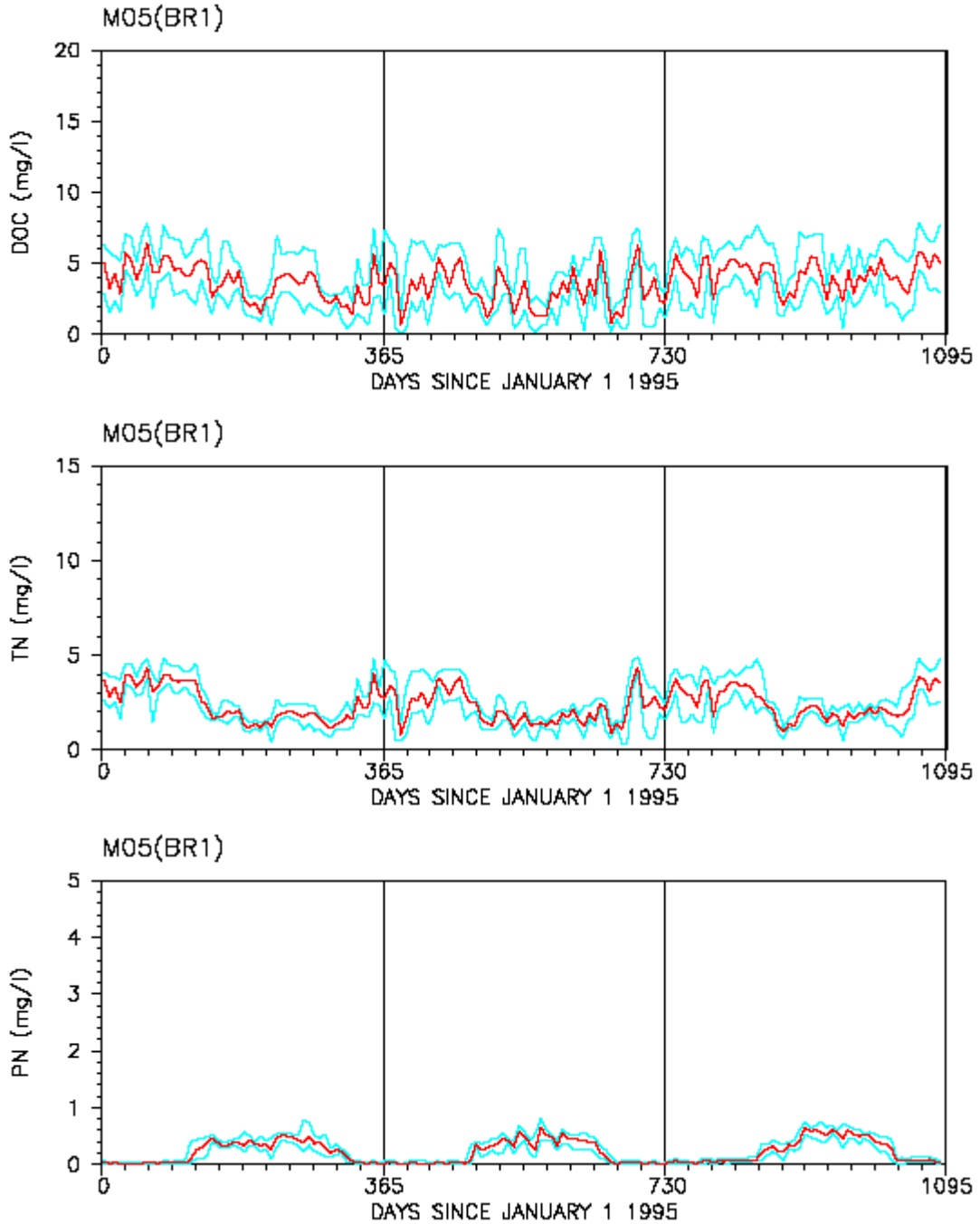


Fig. 27. Time series comparison of model TMDL results and data for dissolved organic carbon, total nitrogen, and particulate nitrogen in Back River (M05)

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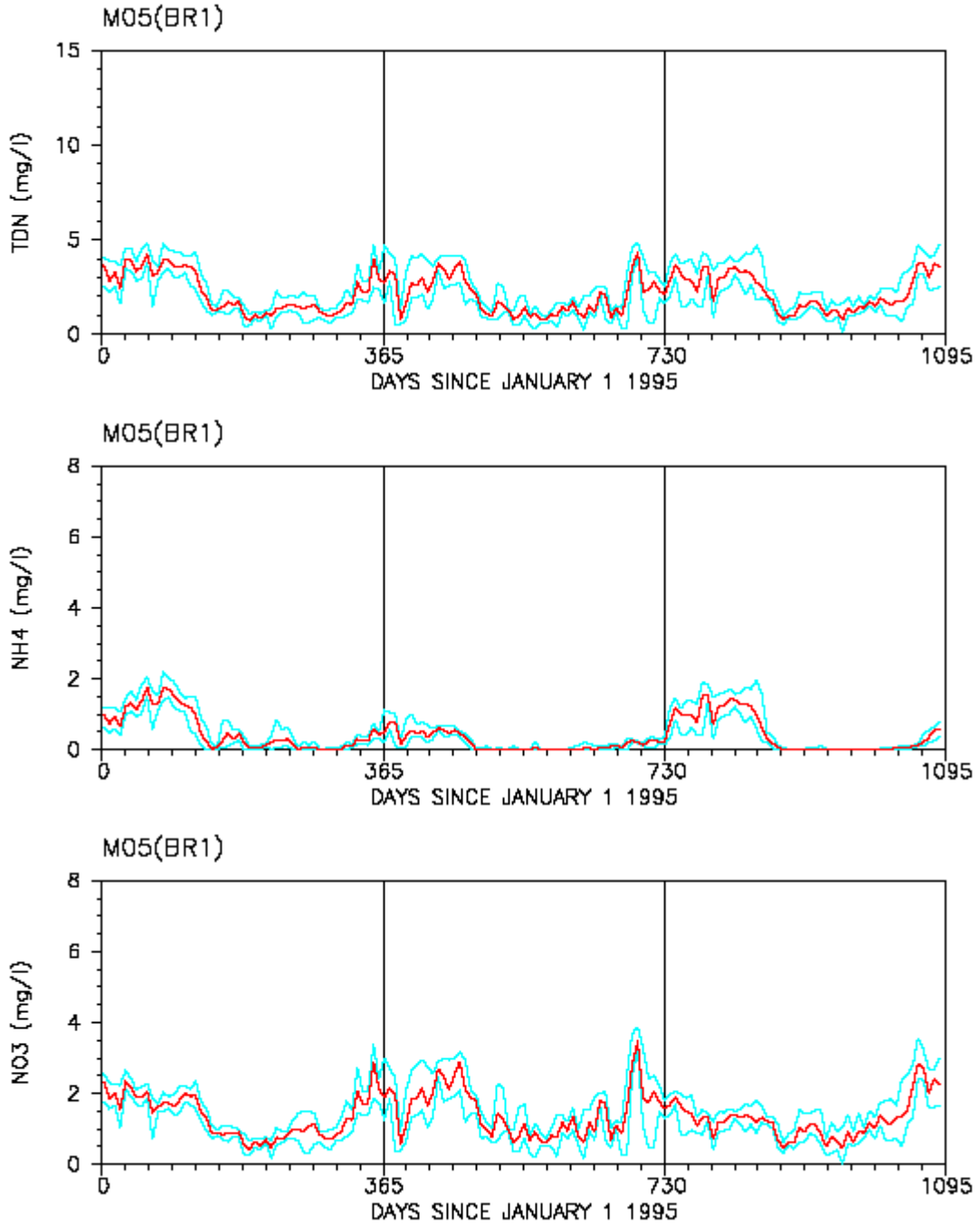


Fig. 28. Time series comparison of model TMDL results and data for total dissolved nitrogen, ammonia, and nitrate nitrogen in Back River (M05)

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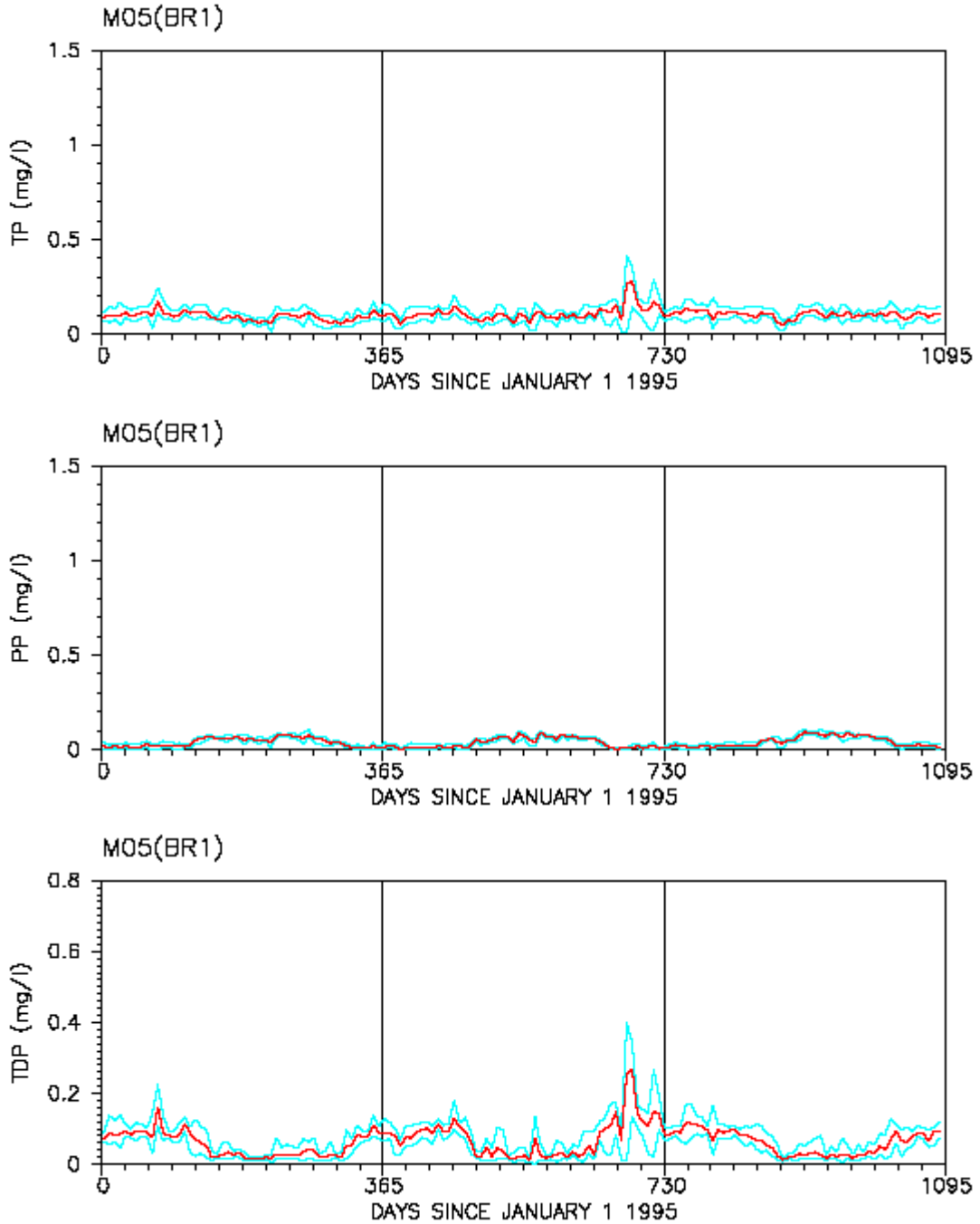


Fig. 29. Time series comparison of model TMDL results and data for total phosphorus, particulate phosphorus, and total dissolved phosphorus in Back River (M05)

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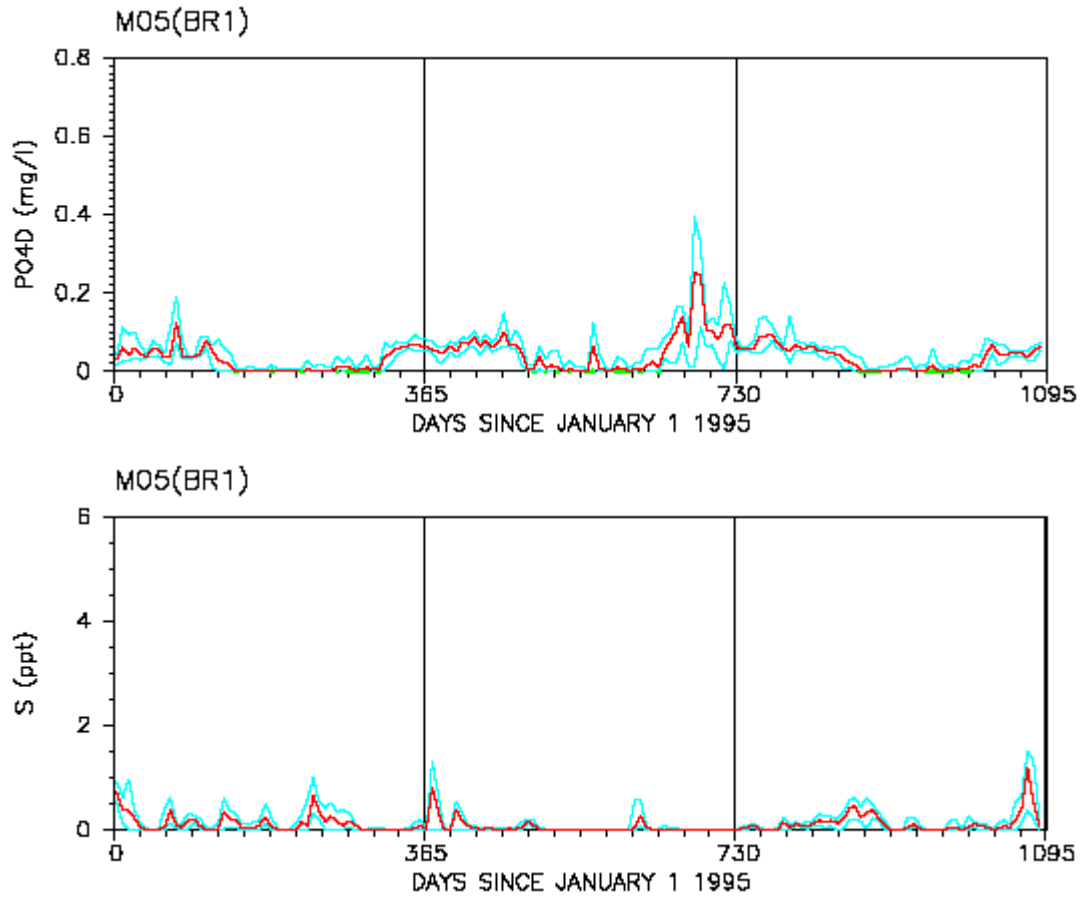


Fig. 30. Time series comparison of model TMDL results and data for dissolved phosphate and salinity in Back River (M05)

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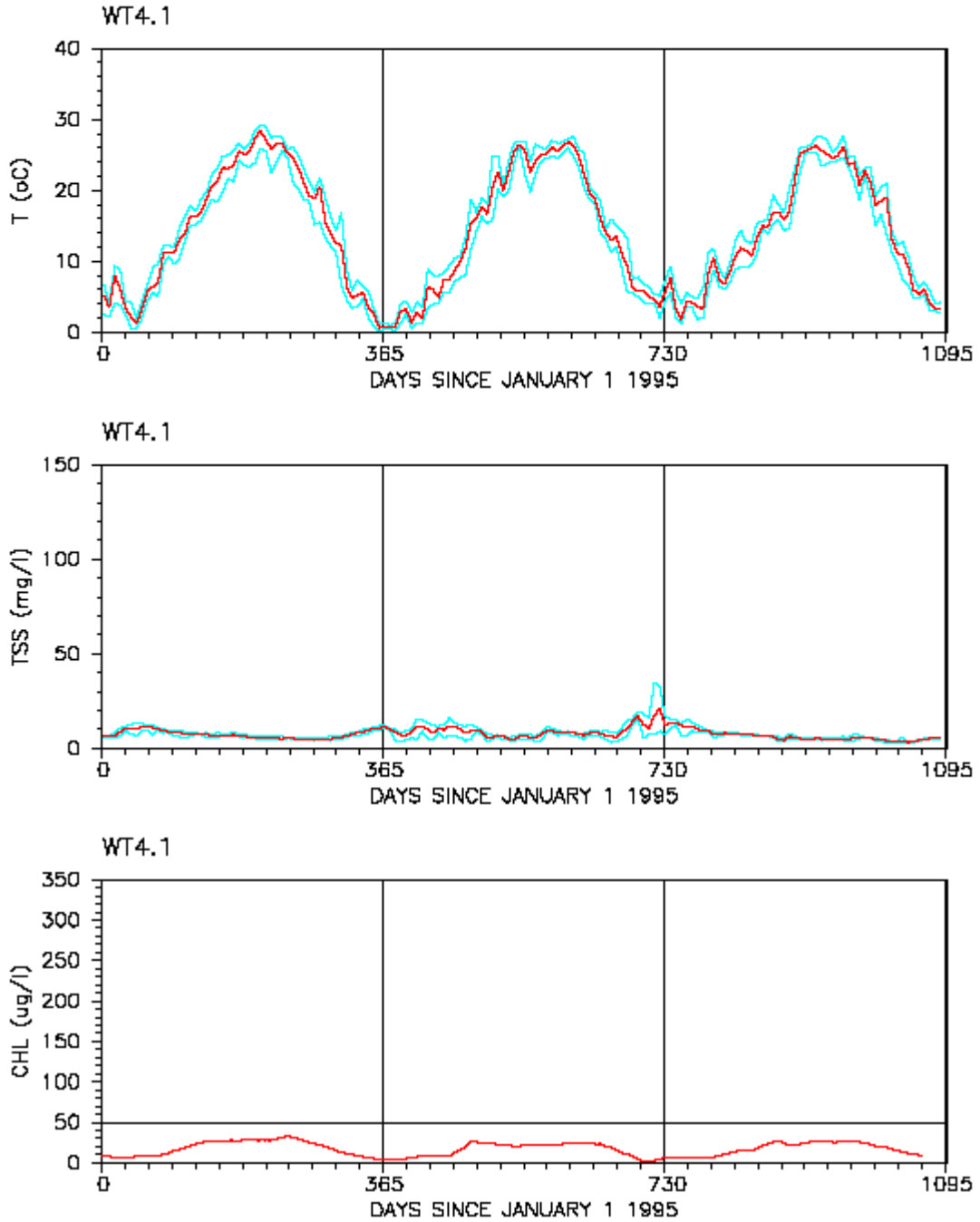


Fig. 31. Time series comparison of model TMDL results and data for temperature, total suspended solids, and chlorophyll a in Back River (WT4.1)

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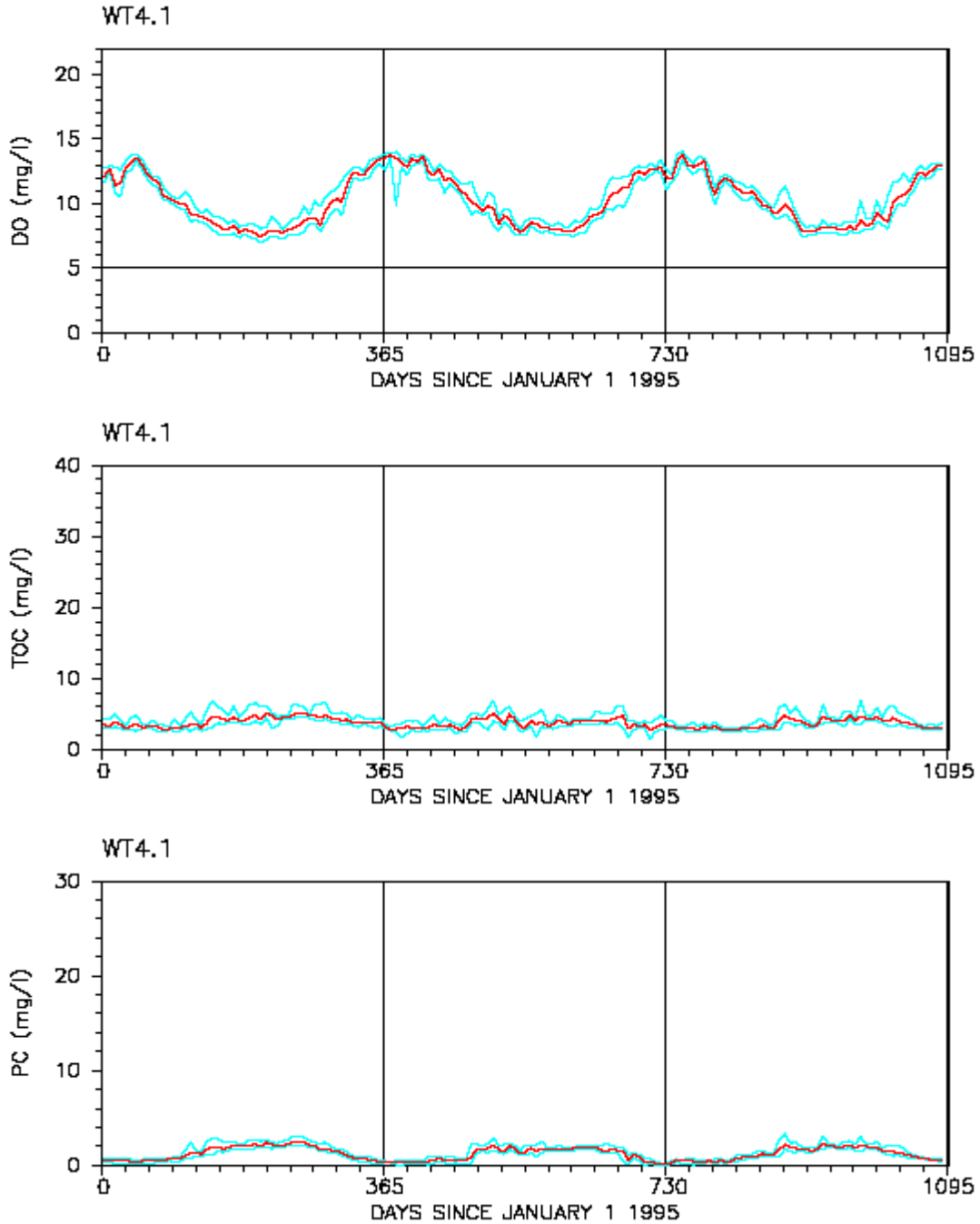


Fig. 32. Time series comparison of model TMDL results and data for dissolved oxygen, total organic carbon, and particulate organic carbon in Back River (WT4.1)

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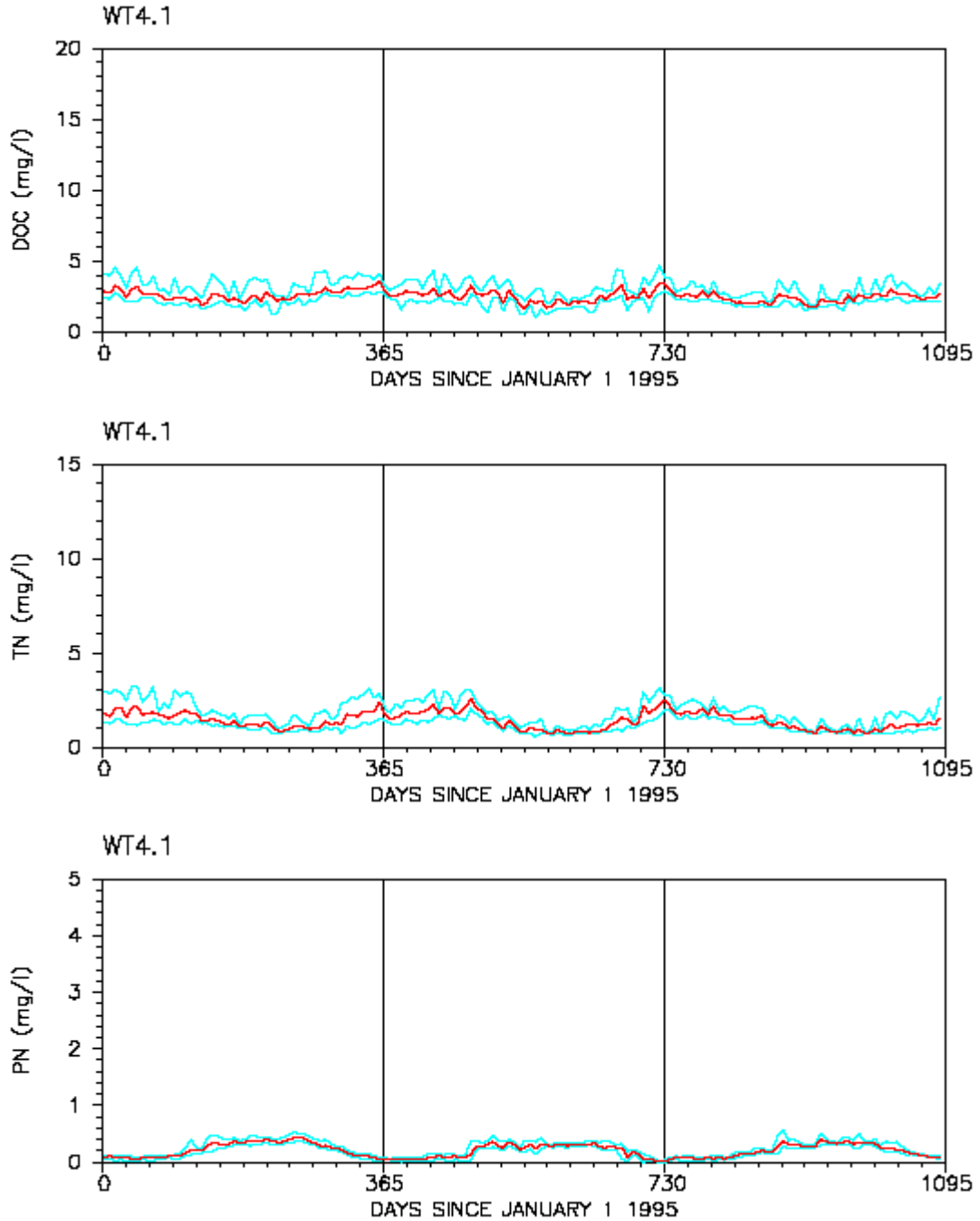


Fig. 33. Time series comparison of model TMDL results and data for dissolved organic carbon, total nitrogen, and particulate nitrogen in Back River (WT4.1)

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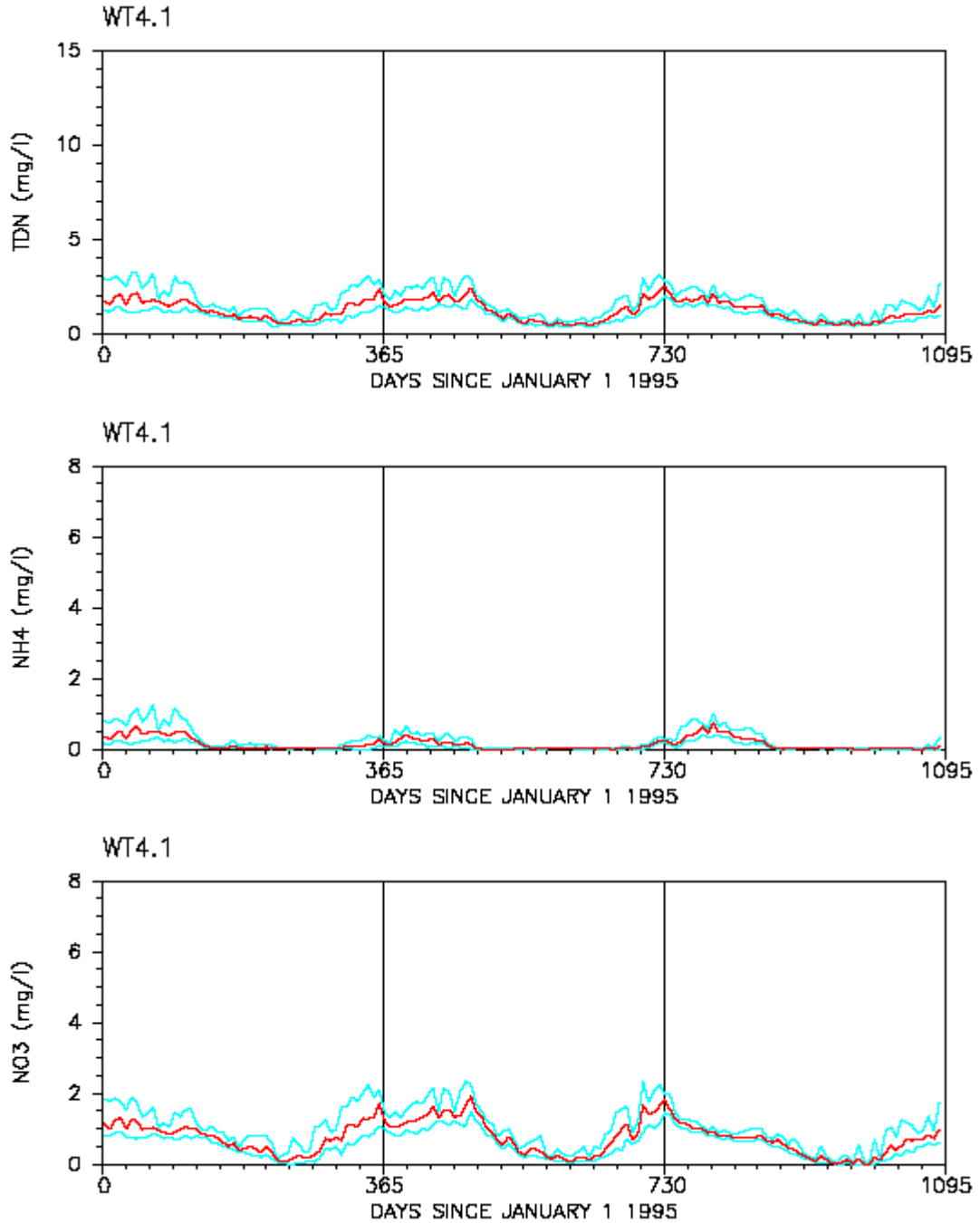


Fig. 34. Time series comparison of model TMDL results and data for total dissolved nitrogen, ammonia, and nitrate nitrogen in Back River (WT4.1)

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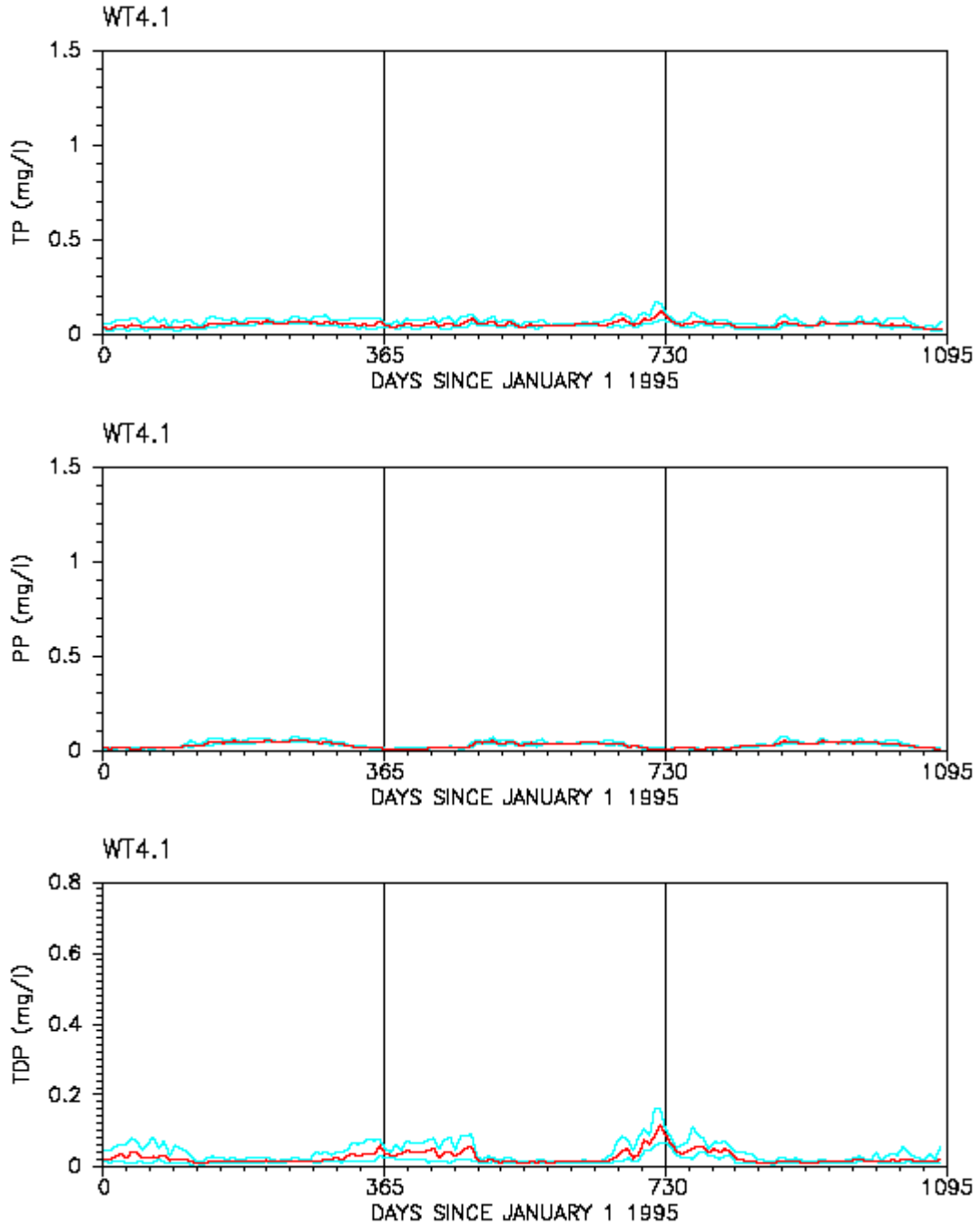


Fig. 35. Time series comparison of model TMDL results and data for total phosphorus, particulate phosphorus, and total dissolved phosphorus in Back River (WT4.1)

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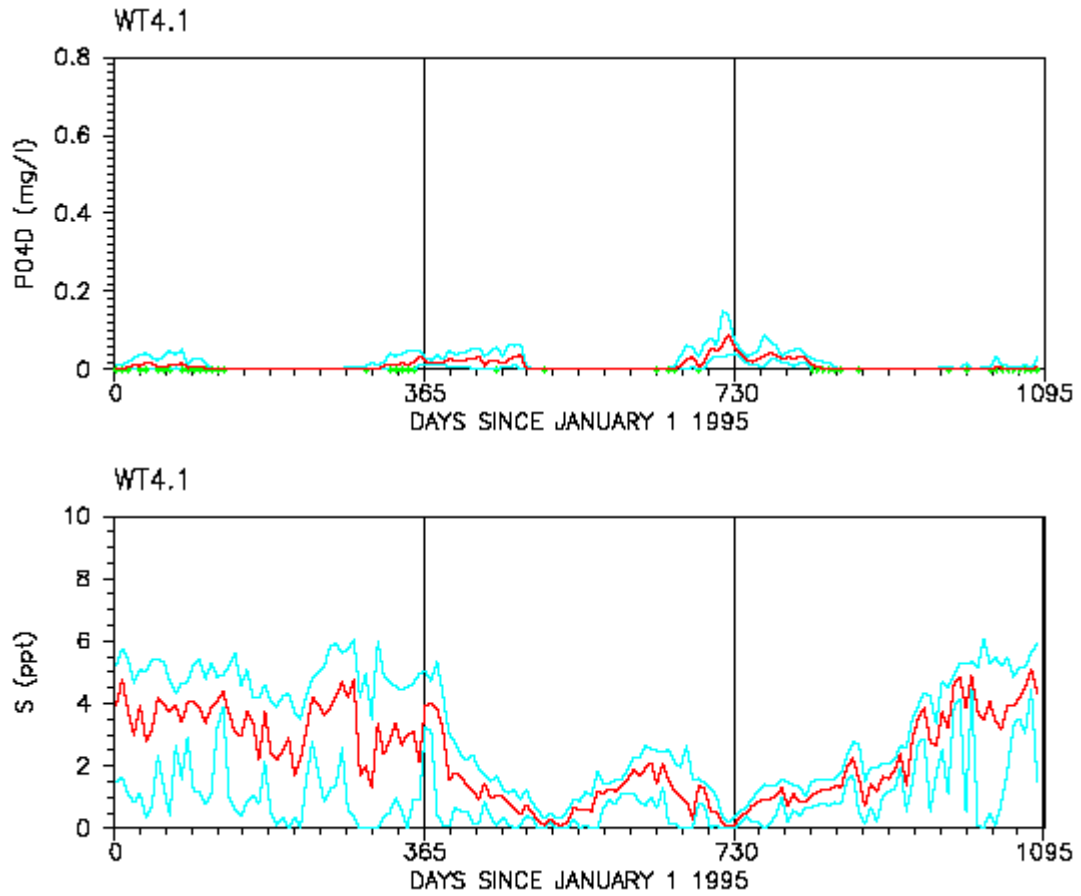


Fig. 36. Time series comparison of model TMDL results and data for dissolved phosphate and salinity in Back River (WT4.1)

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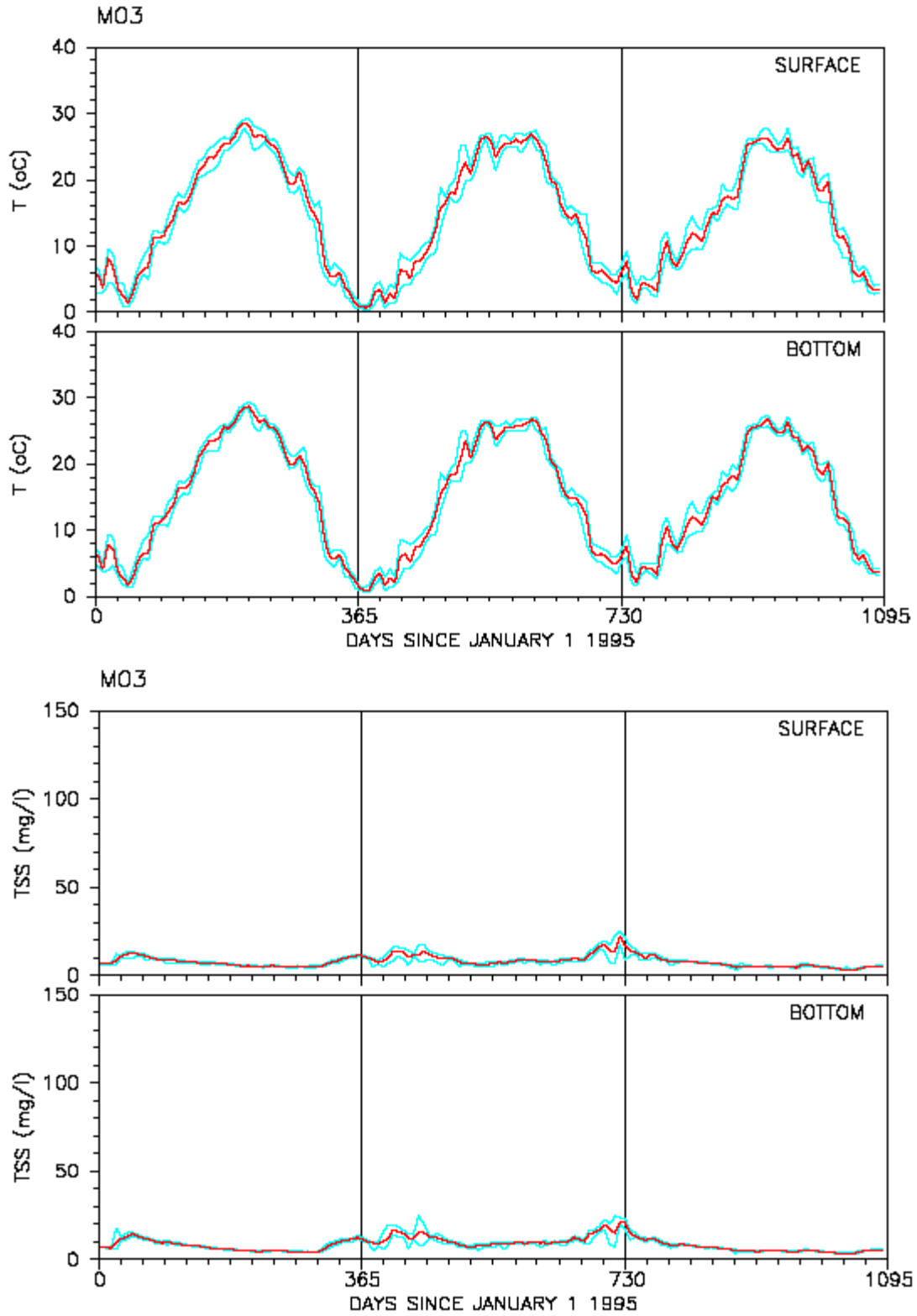


Fig. 37. Time series comparison of model TMDL results and data for temperature and total suspended solids in Back River (M03)

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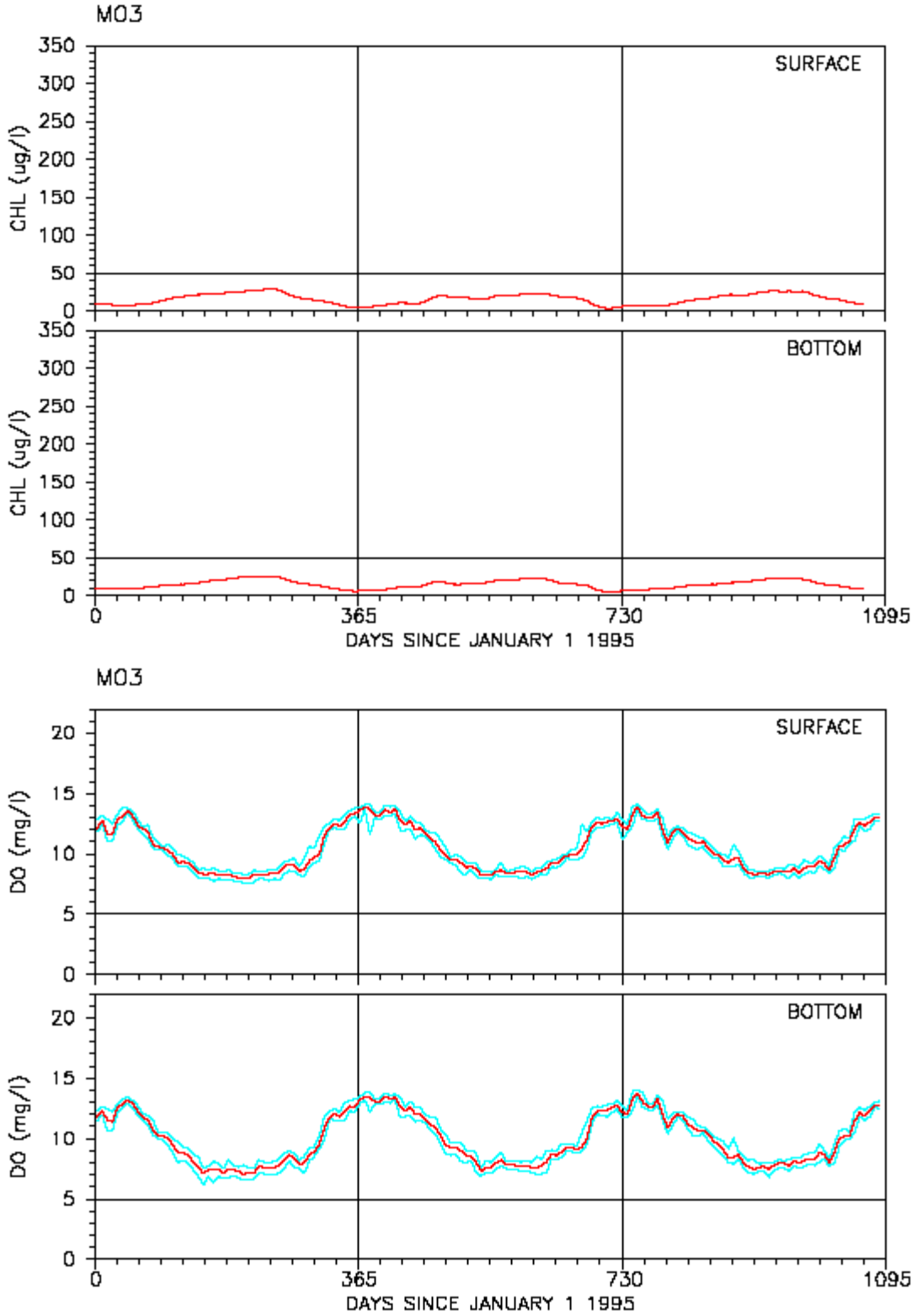


Fig. 38. Time series comparison of model TMDL results and data for chlorophyll a and dissolved oxygen in Back River (M03)

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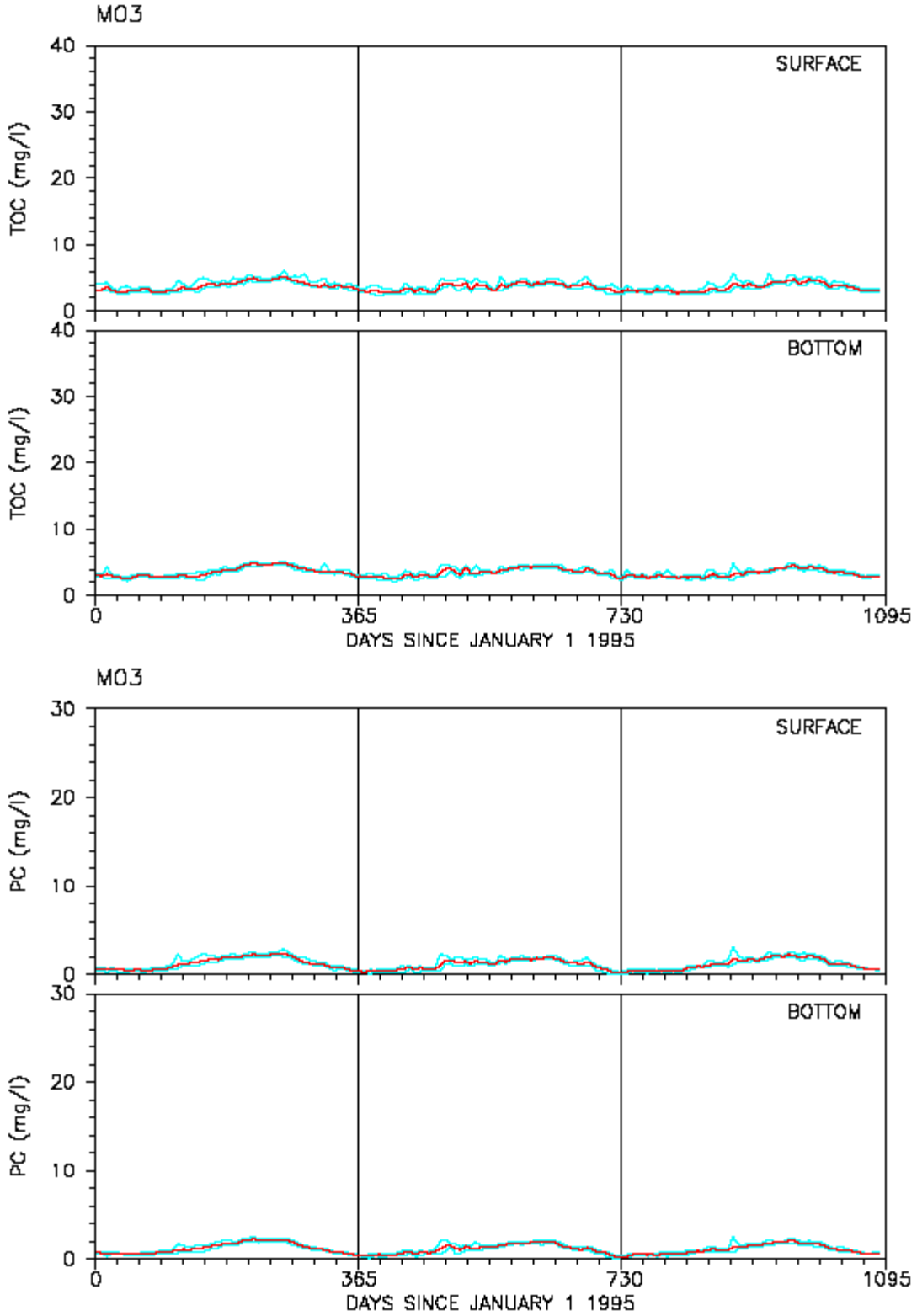


Fig. 39. Time series comparison of model TMDL results and data for total organic carbon and particulate organic carbon in Back River (M03)

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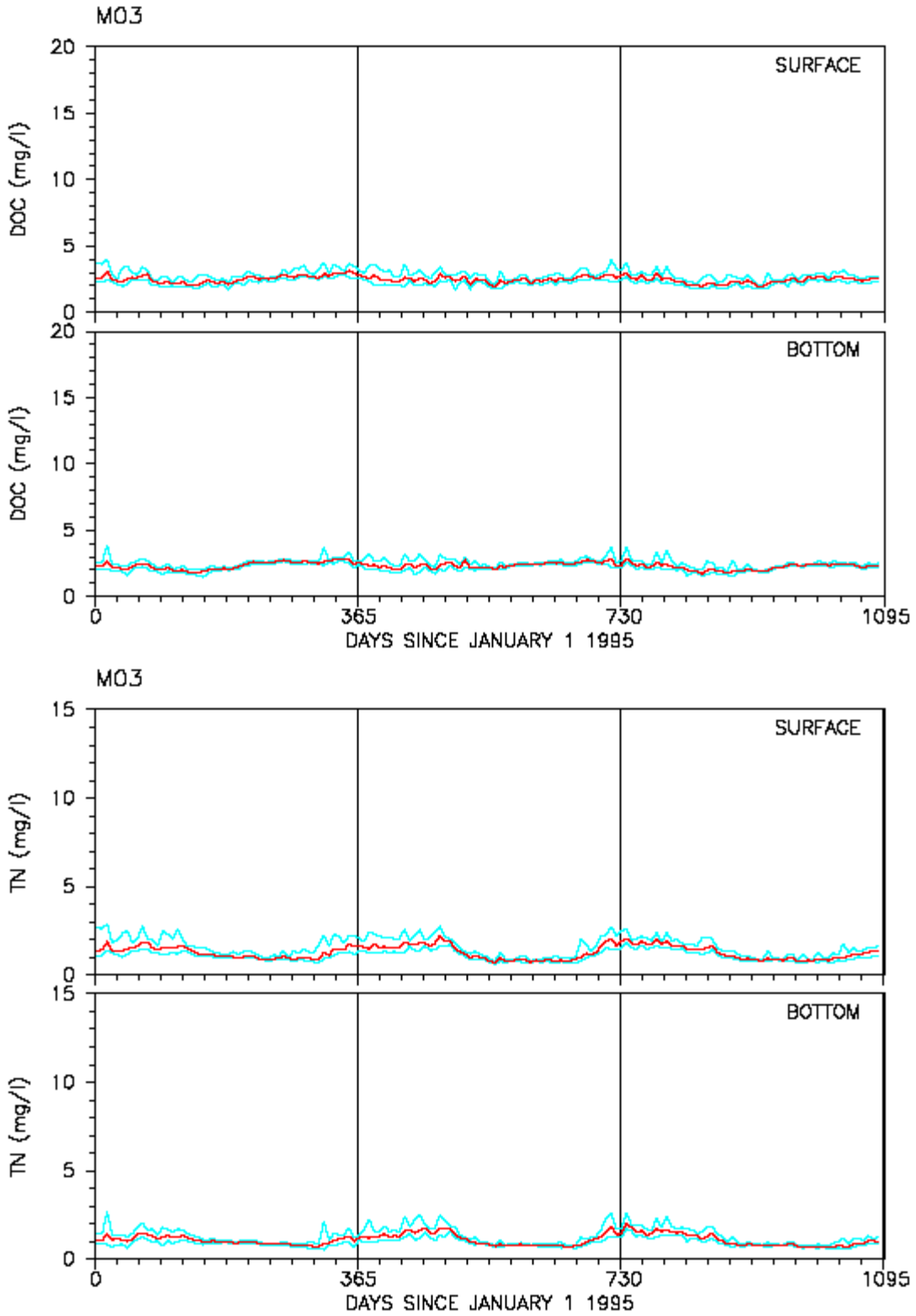


Fig. 40. Time series comparison of model TMDL results and data for dissolved organic carbon and total nitrogen in Back River (M03)

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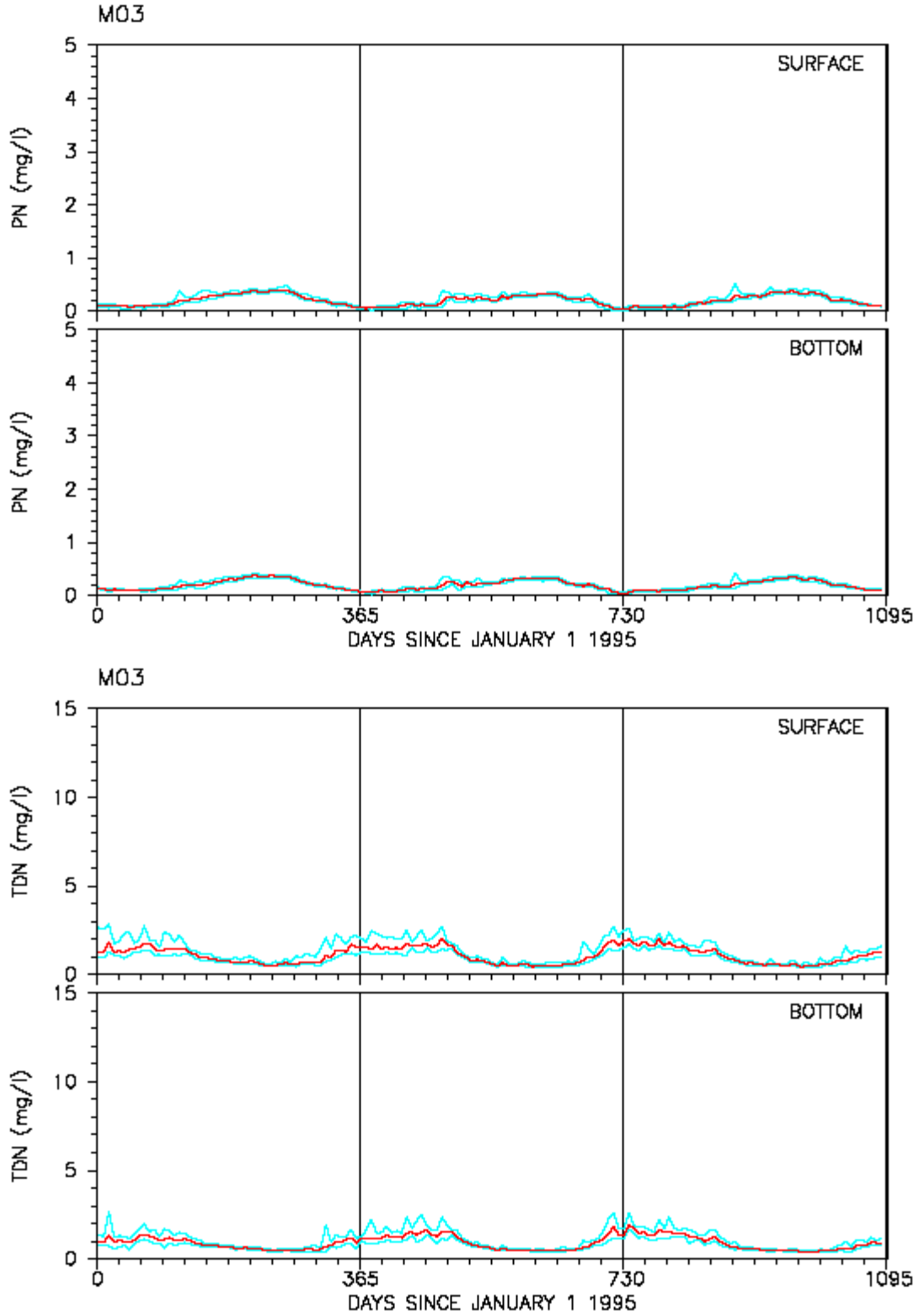


Fig. 41. Time series comparison of model TMDL results and data for particulate nitrogen and total dissolved nitrogen in Back River (M03)

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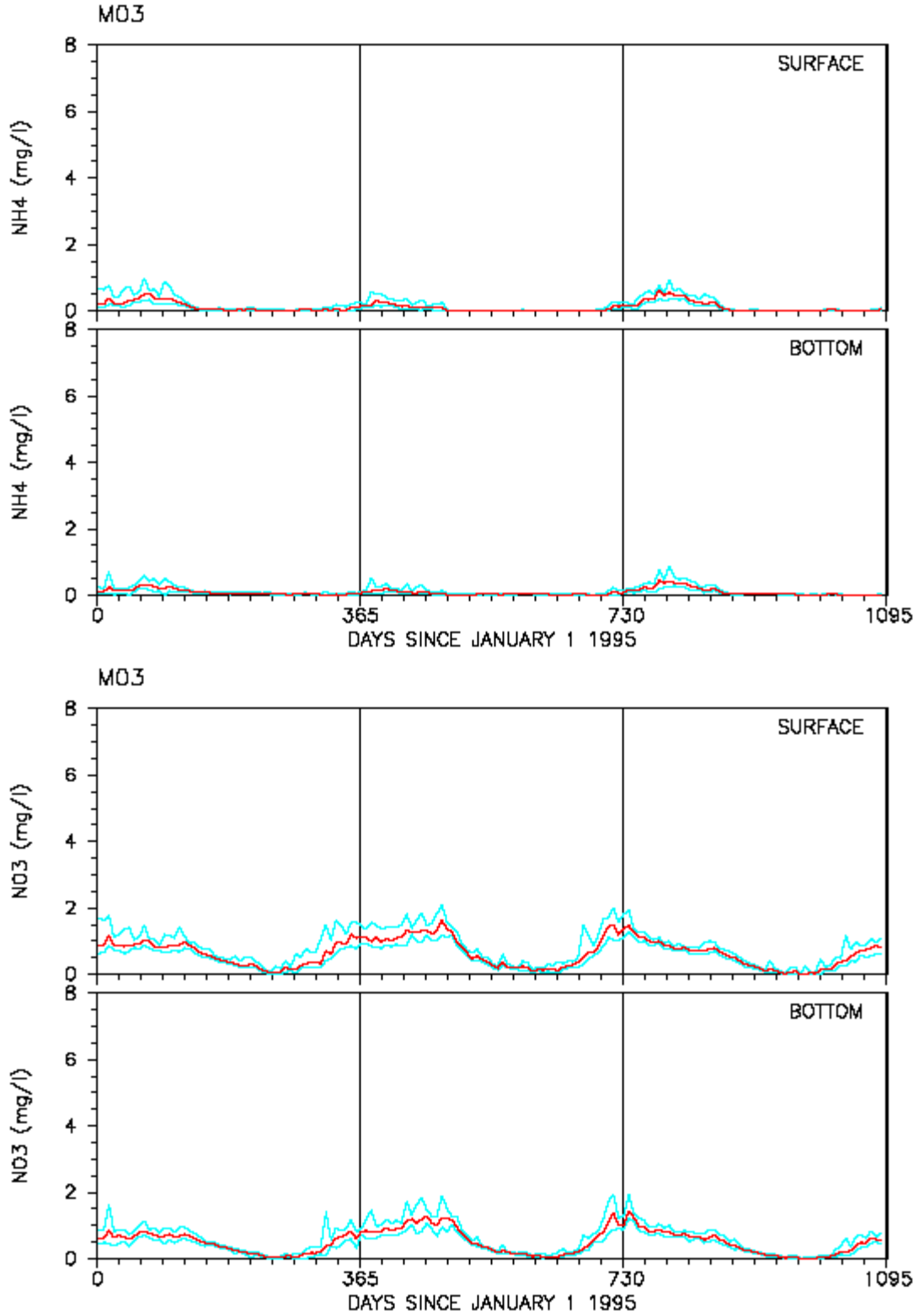


Fig. 42. Time series comparison of model TMDL results and data for ammonia and nitrate nitrogen in Back River (M03)

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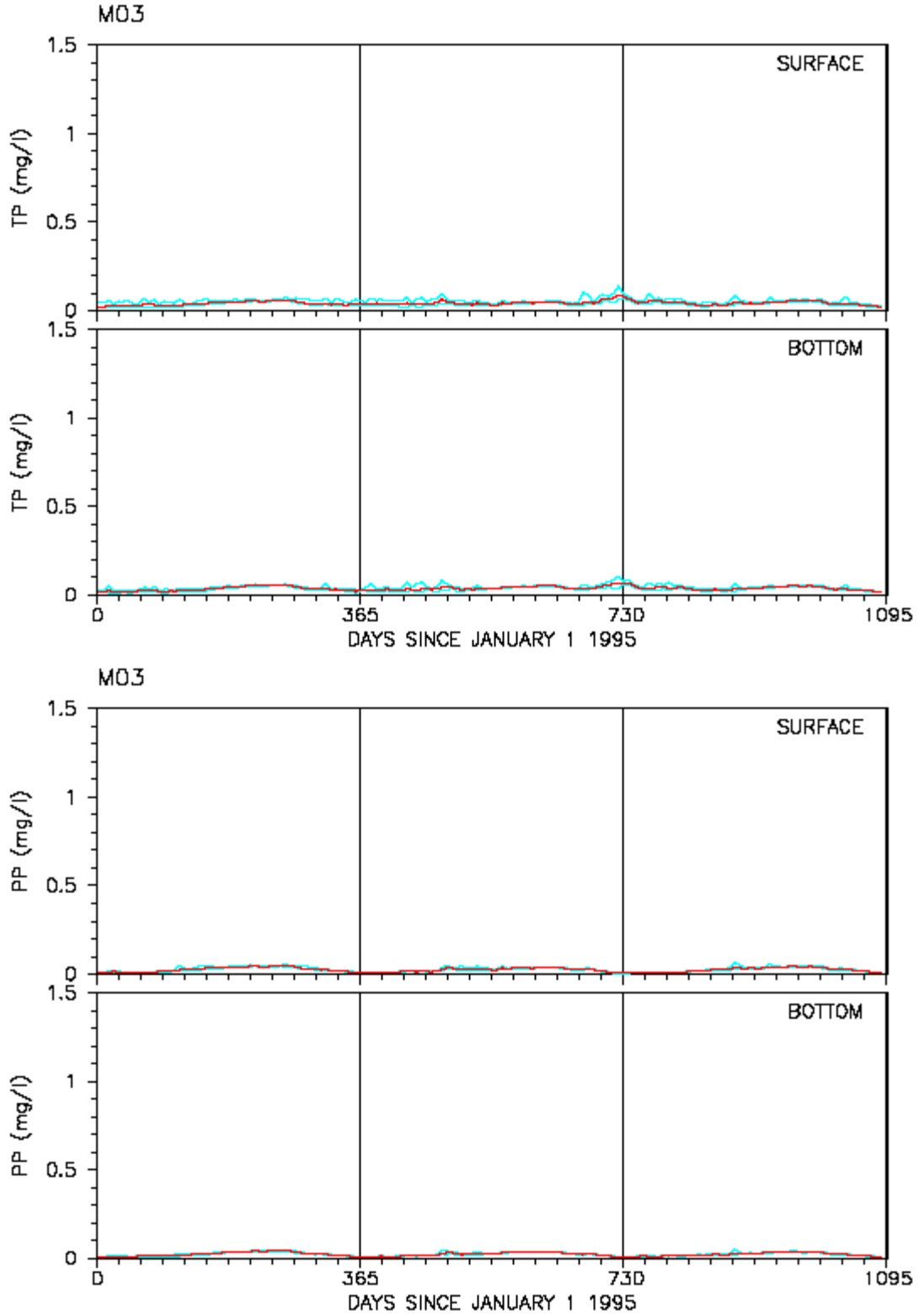


Fig. 43. Time series comparison of model TMDL results and data for total phosphorus and particulate phosphorus in Back River (M03)

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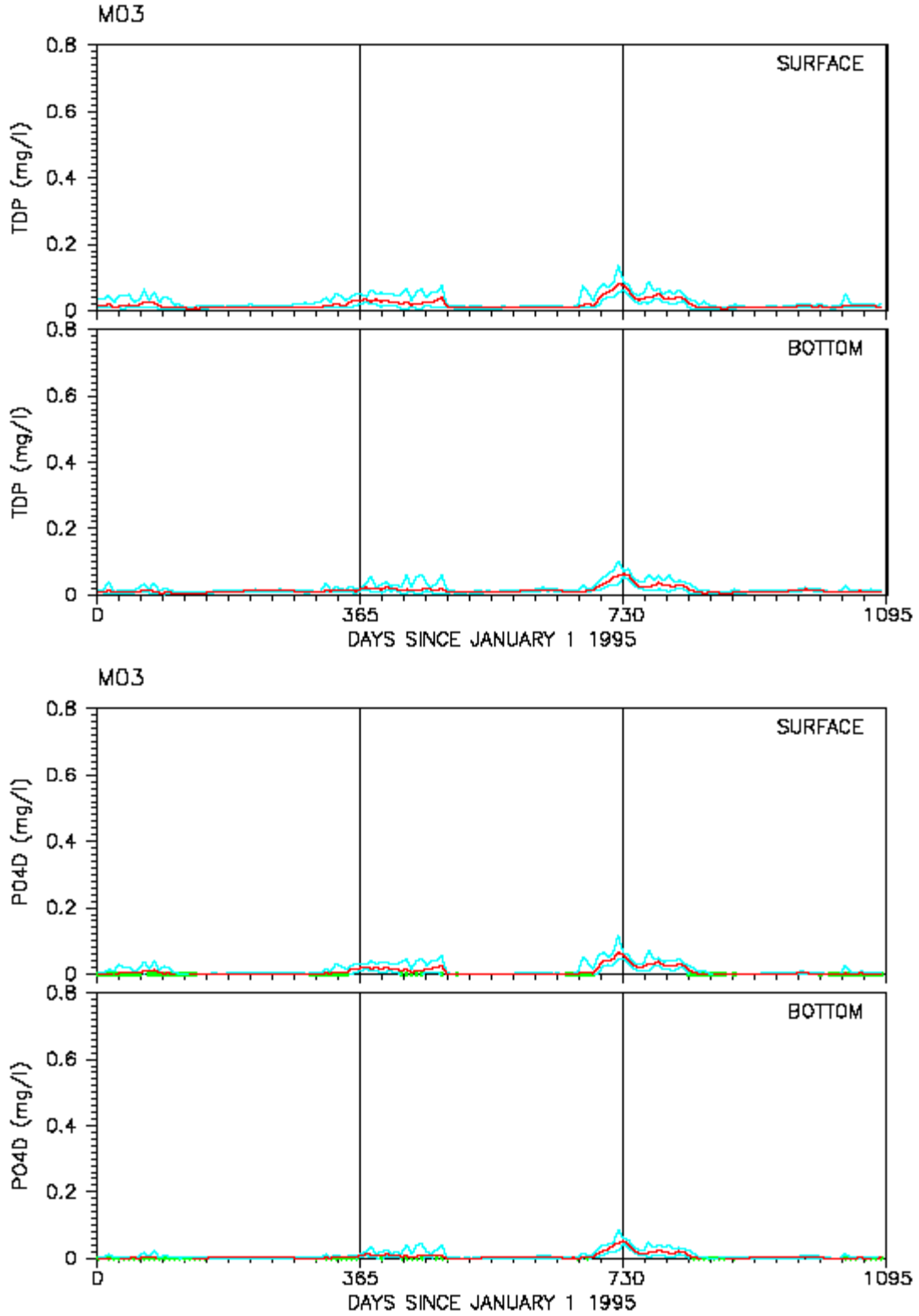


Fig. 44. Time series comparison of model TMDL results and data for total dissolved phosphorus and dissolved phosphate in Back River (M03)

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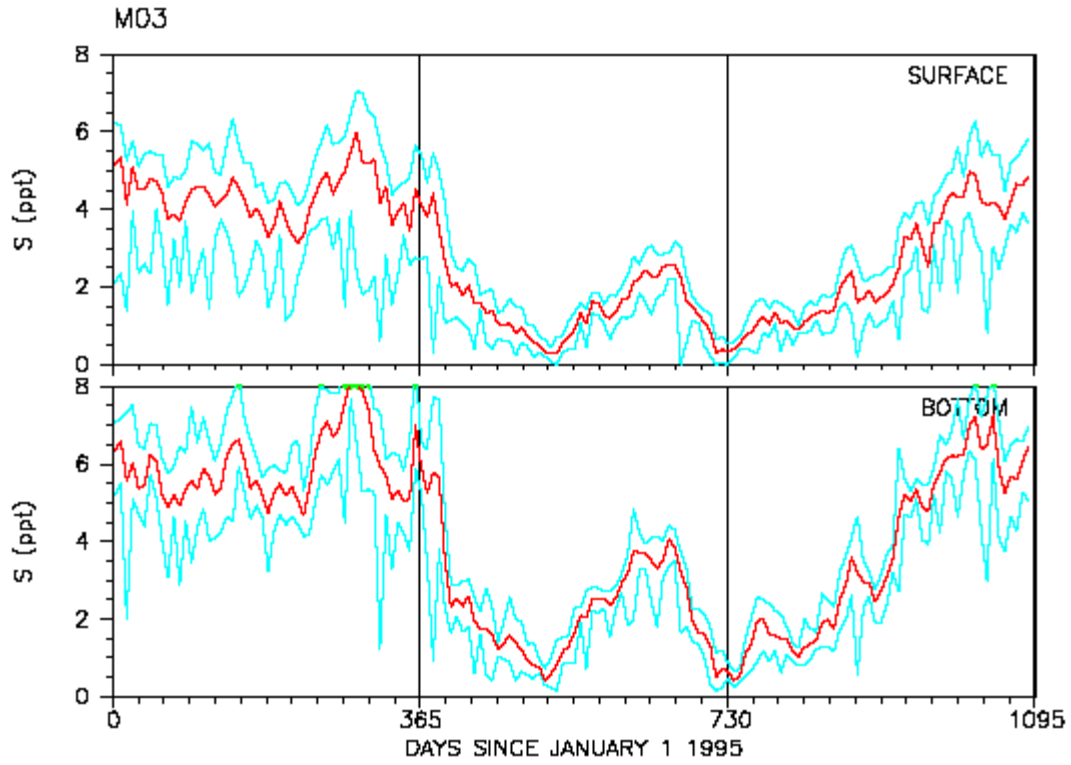


Fig. 45. Time series comparison of model TMDL results and data for salinity in Back River (M03)

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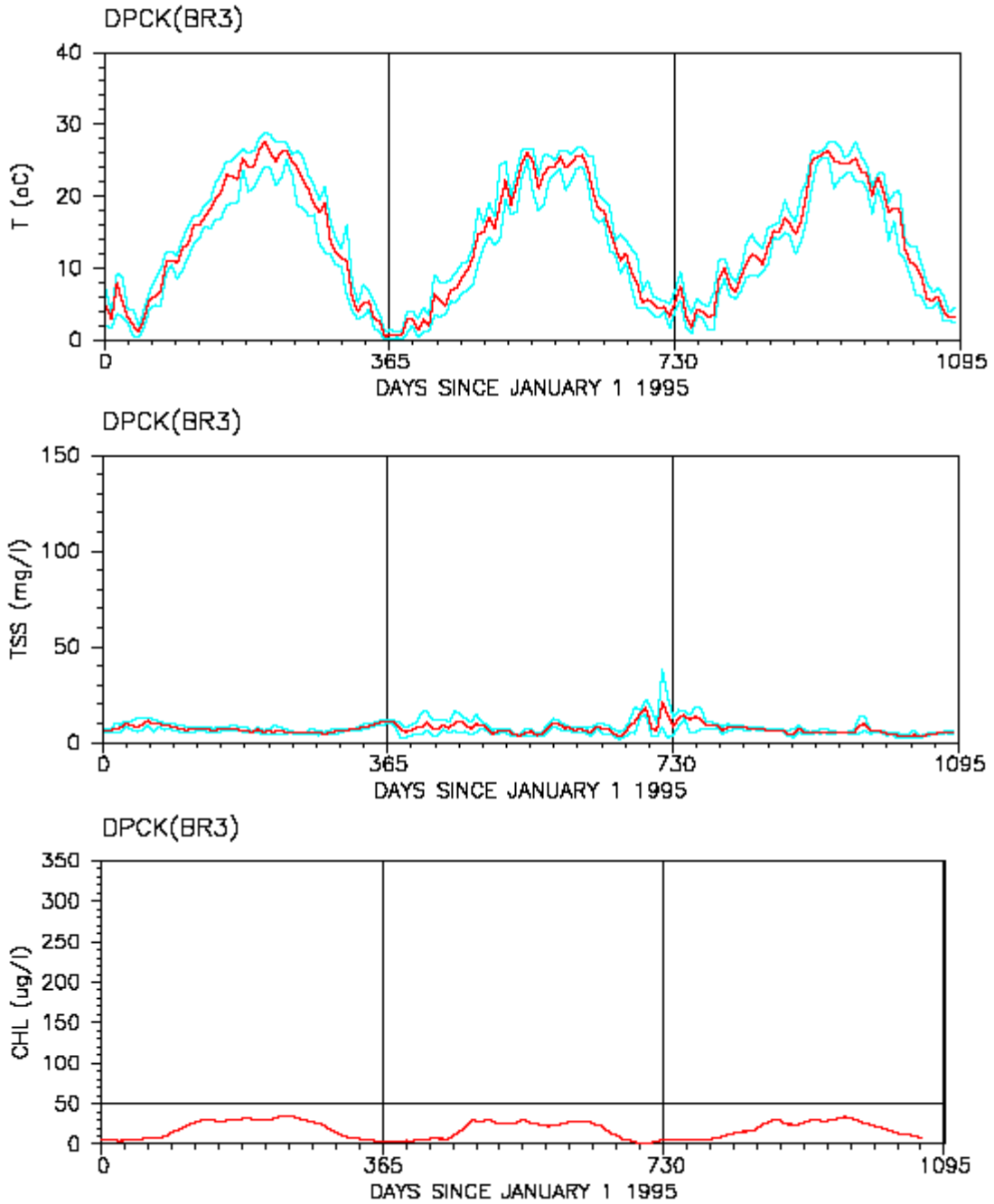


Fig. 46. Time series comparison of model TMDL results and data for temperature, total suspended solids, and chlorophyll a in Back River (BR3)

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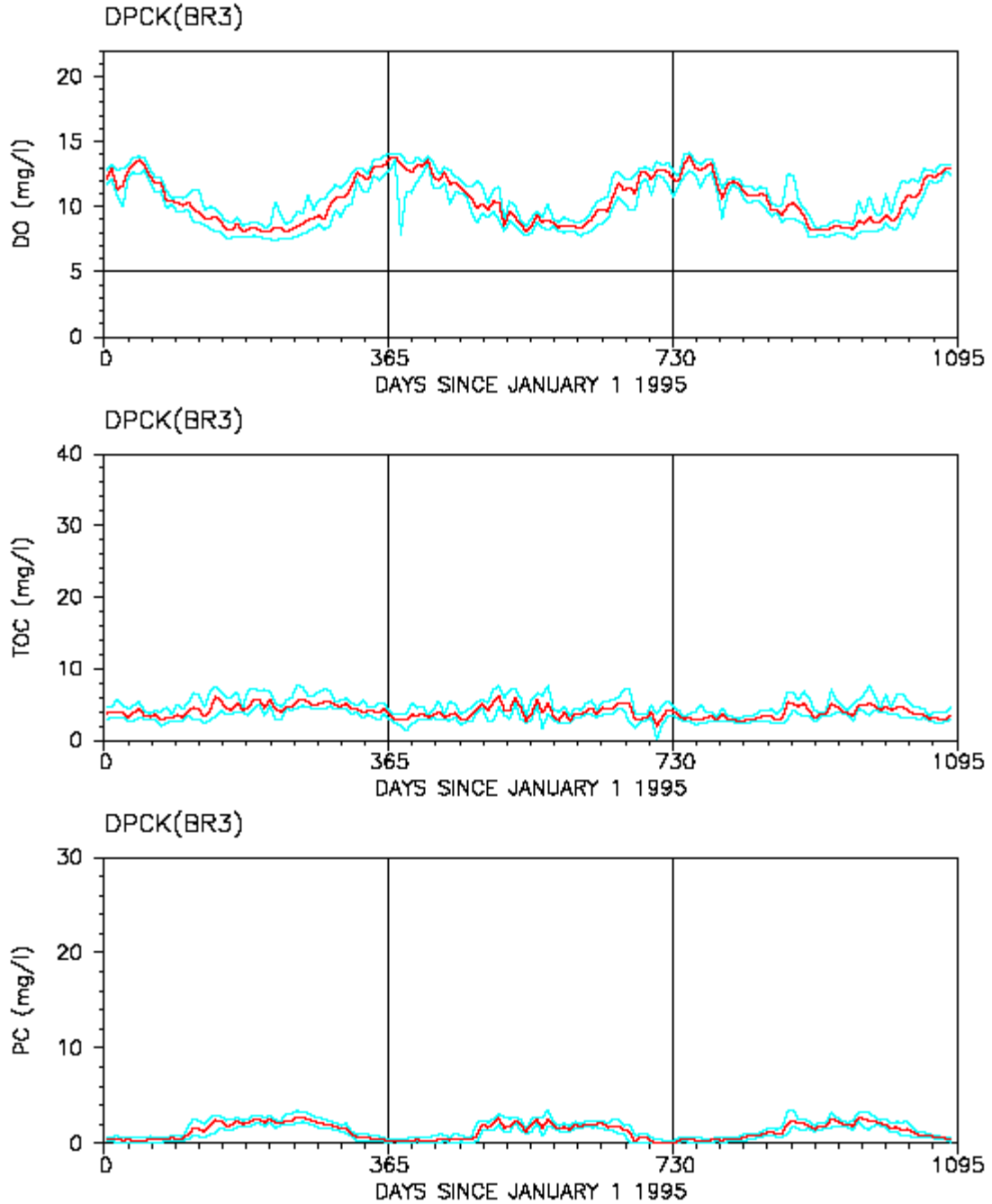


Fig. 47. Time series comparison of model TMDL results and data for dissolved oxygen, total organic carbon, and particulate organic carbon in Back River (BR3)

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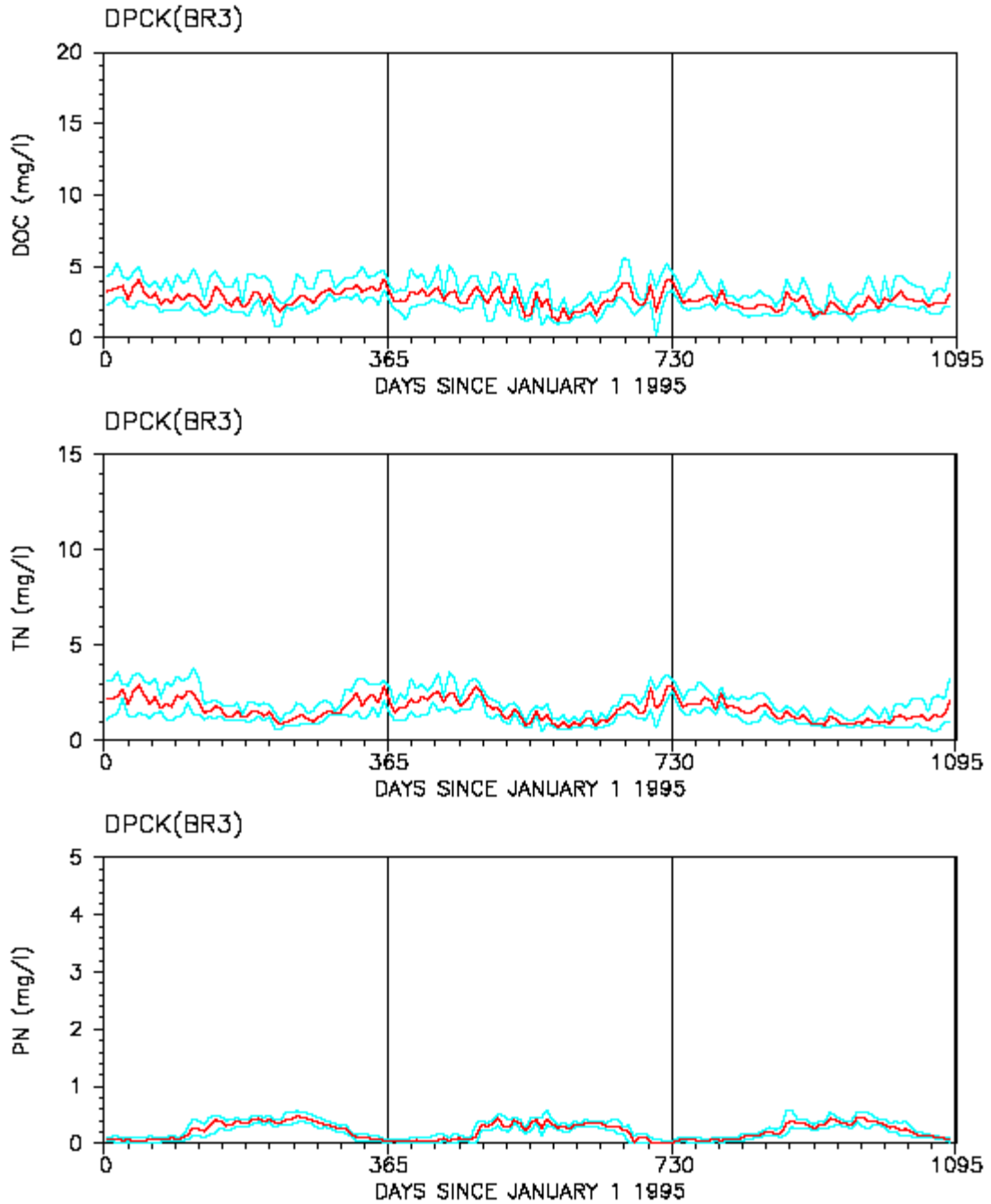


Fig. 48. Time series comparison of model TMDL results and data for dissolved organic carbon, total nitrogen, and particulate nitrogen in Back River (BR3)

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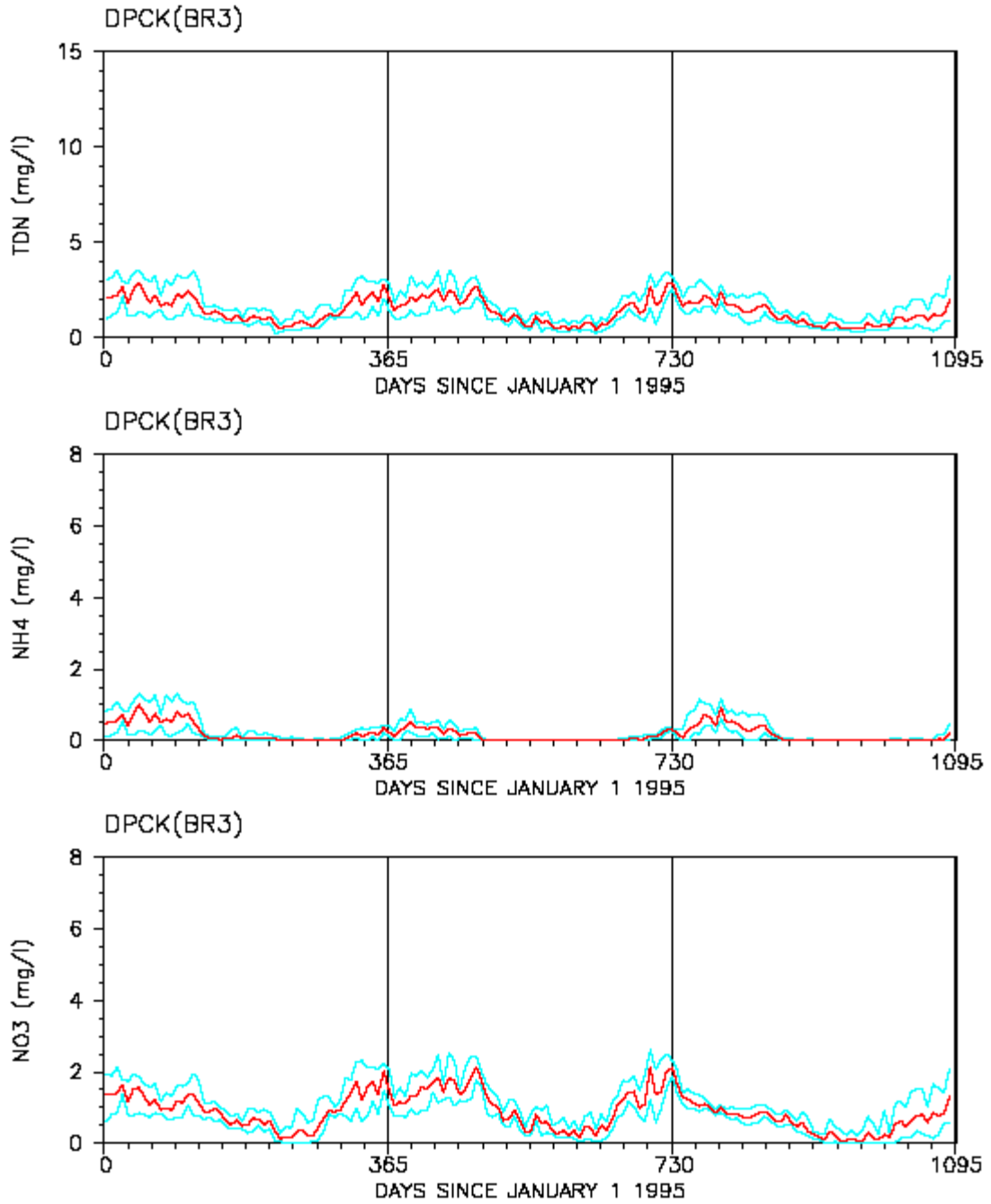


Fig. 49. Time series comparison of model TMDL results and data for total dissolved nitrogen, ammonia, and nitrate nitrogen in Back River (BR3)

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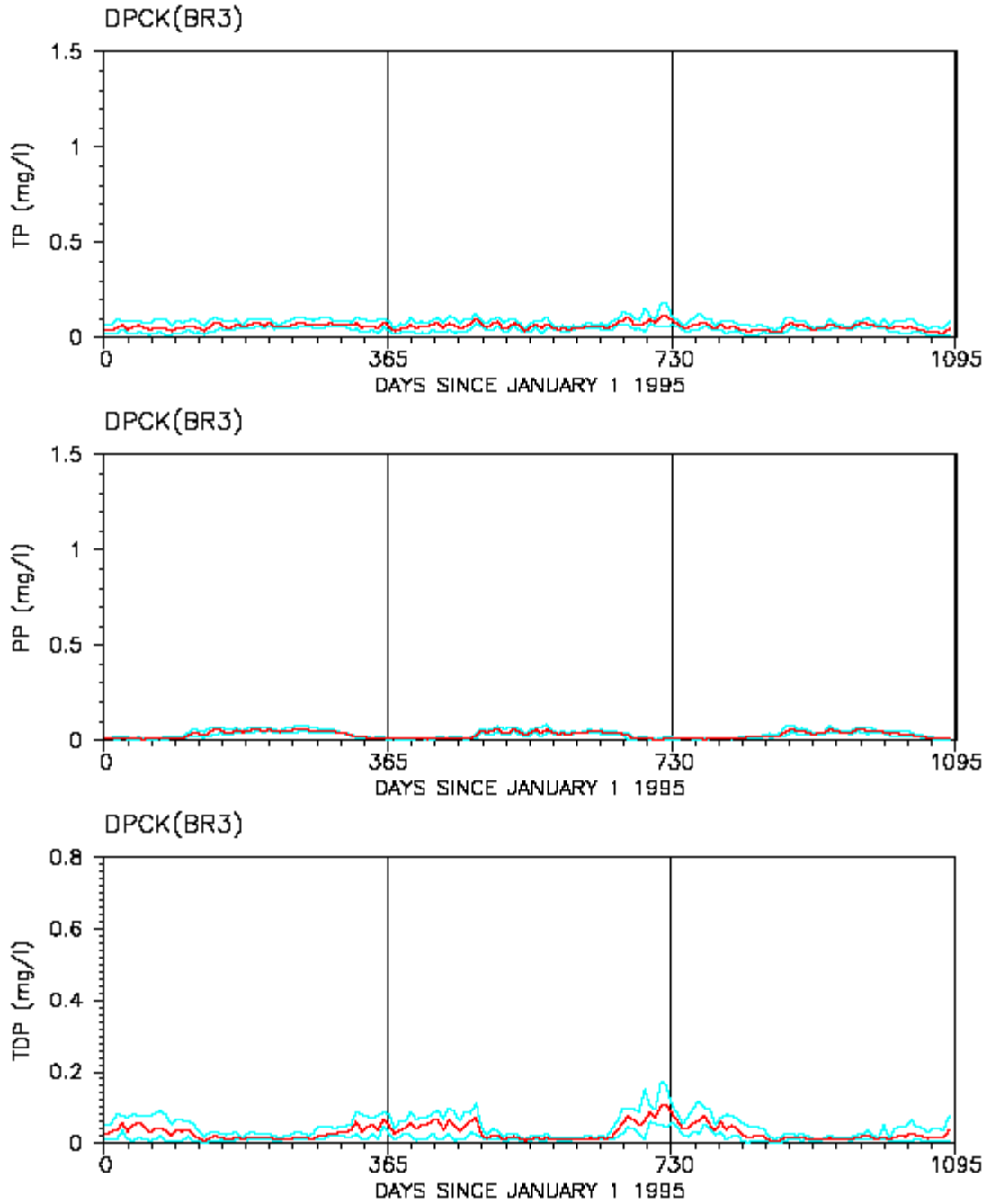


Fig. 50. Time series comparison of model TMDL results and data for total phosphorus, particulate phosphorus, and total dissolved phosphorus in Back River (BR3)

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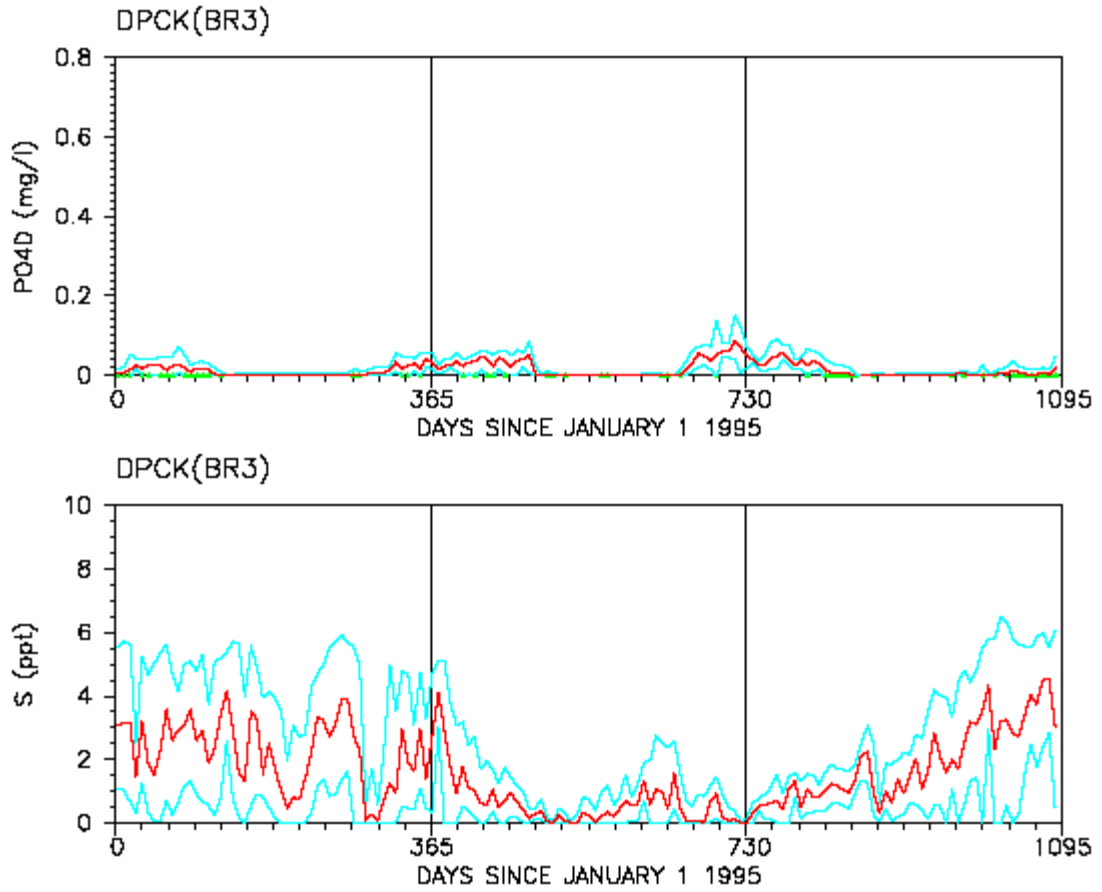


Fig. 51. Time series comparison of model TMDL results and data for dissolved phosphate and salinity in Back River (BR3)

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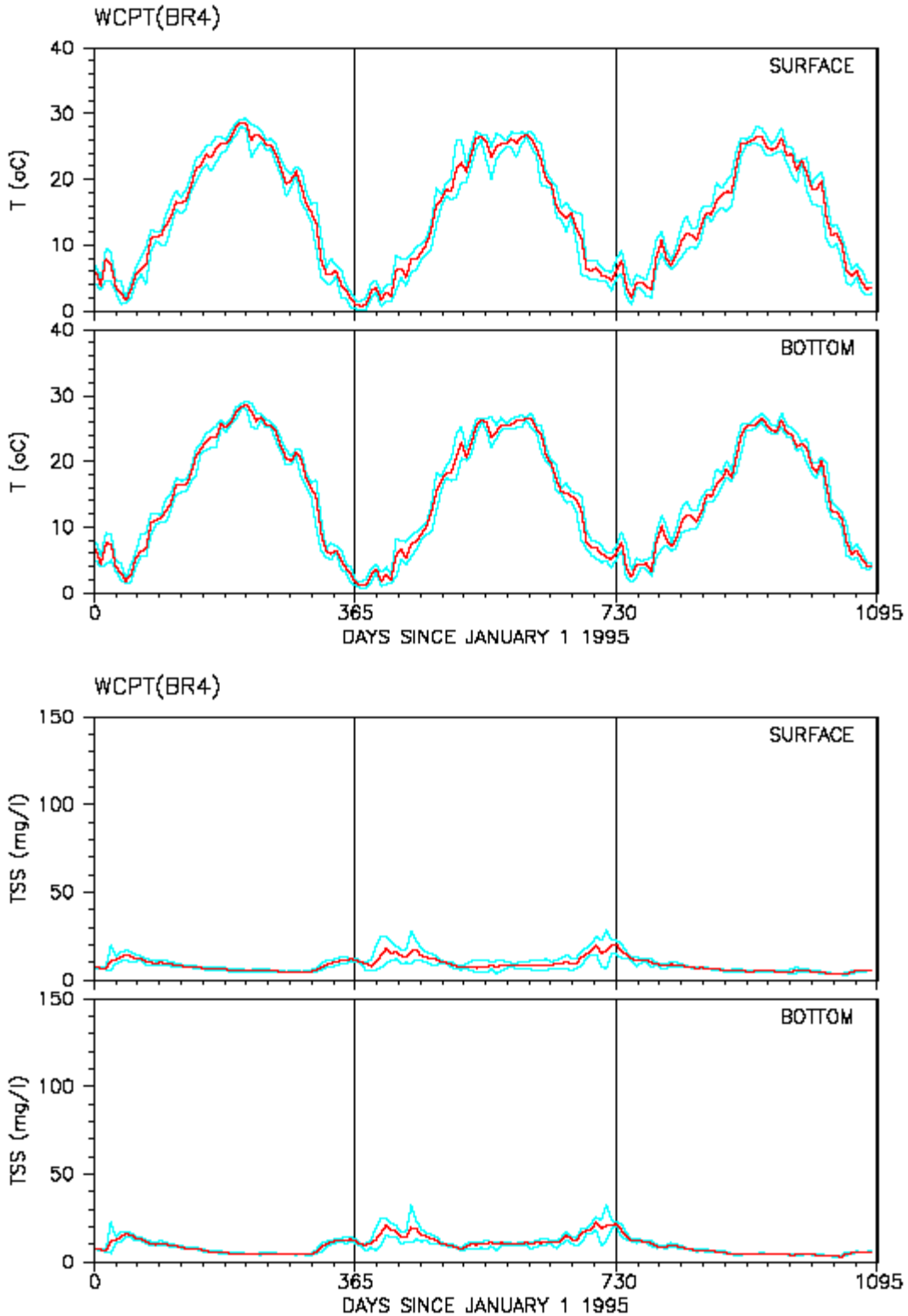


Fig. 52. Time series comparison of model TMDL results and data for temperature and total suspended solids in Back River (BR4)

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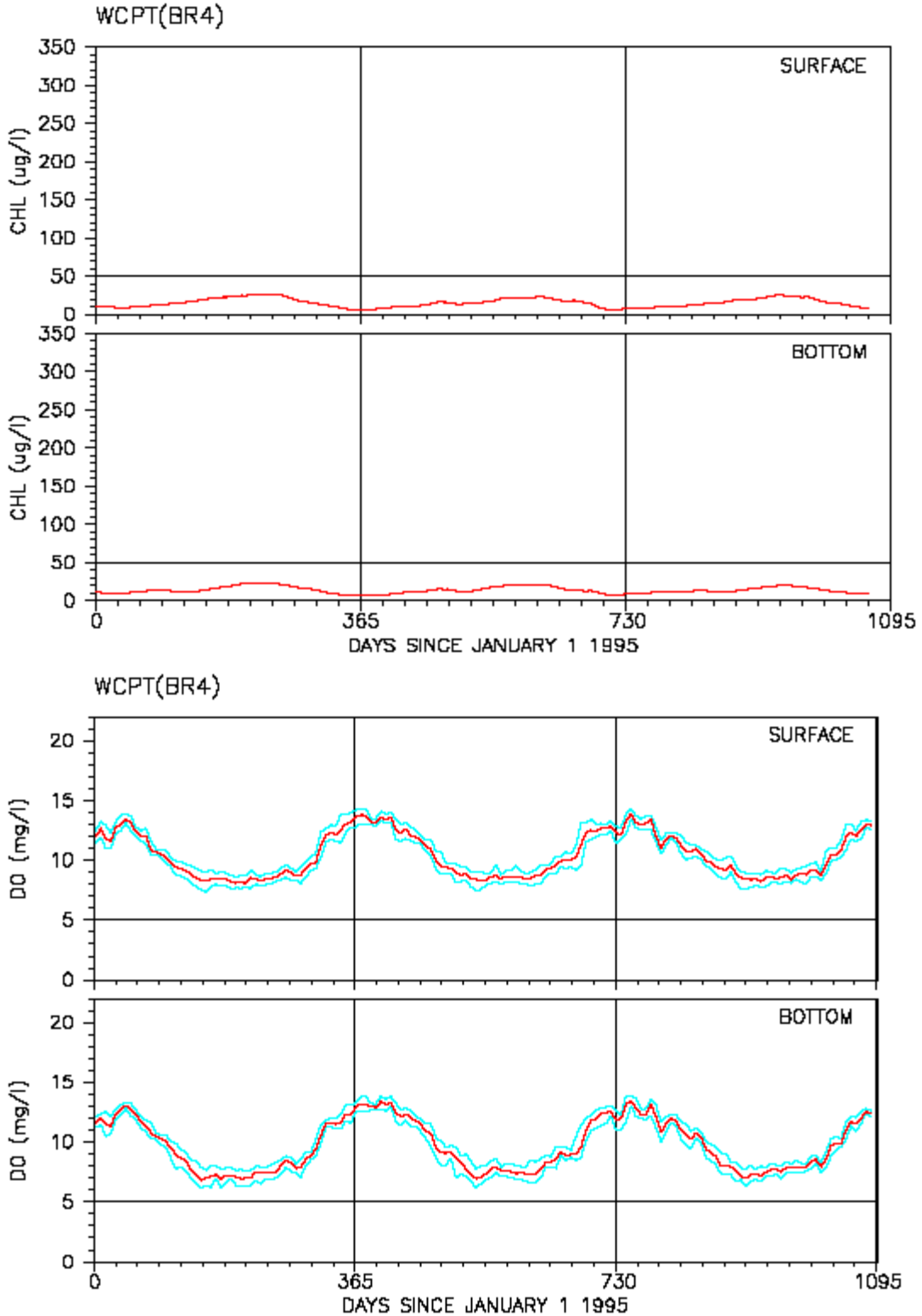


Fig. 53. Time series comparison of model TMDL results and data for chlorophyll a and dissolved oxygen in Back River (BR4)

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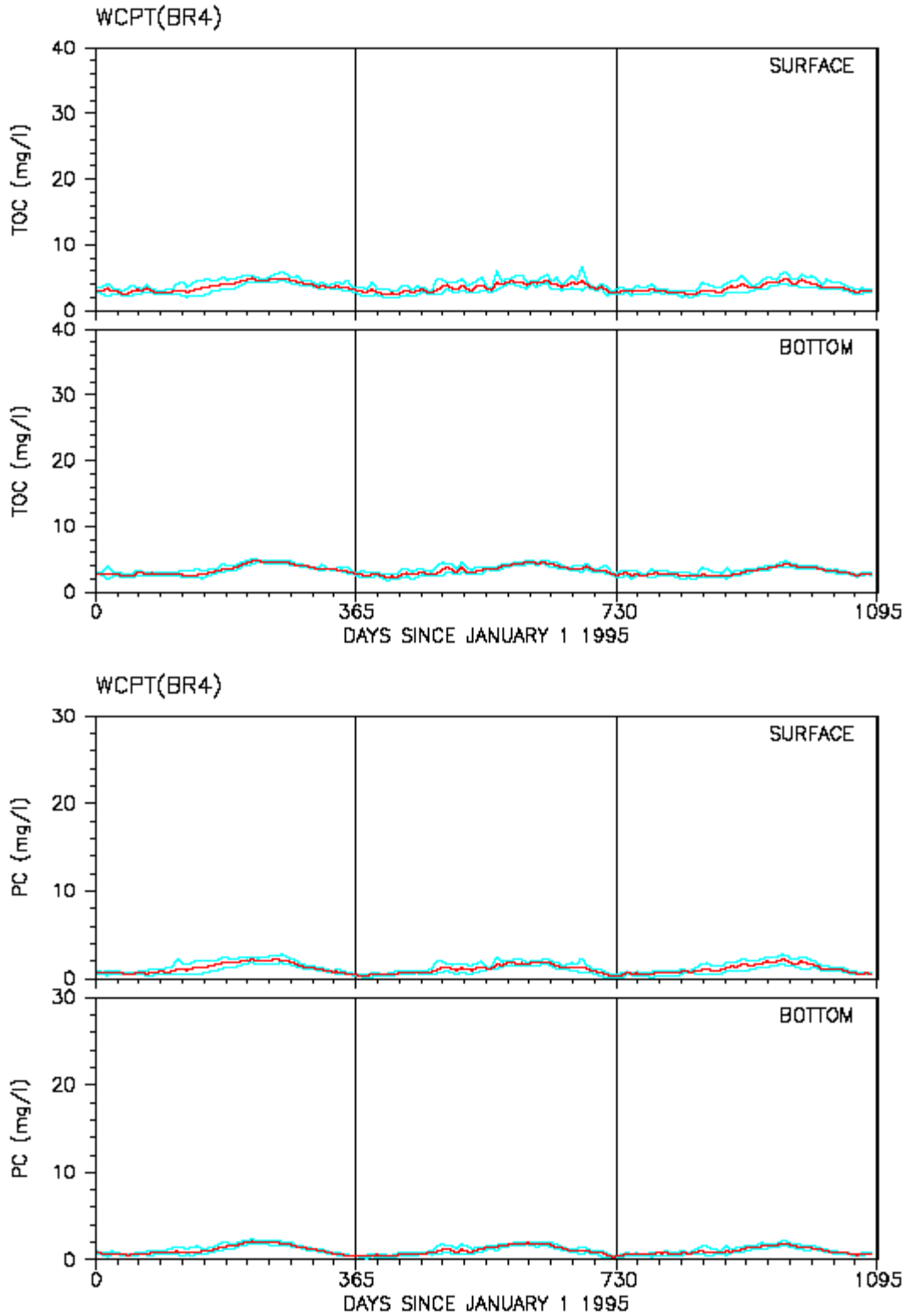


Fig. 54. Time series comparison of model TMDL results and data for total organic carbon and particulate organic carbon in Back River (BR4)

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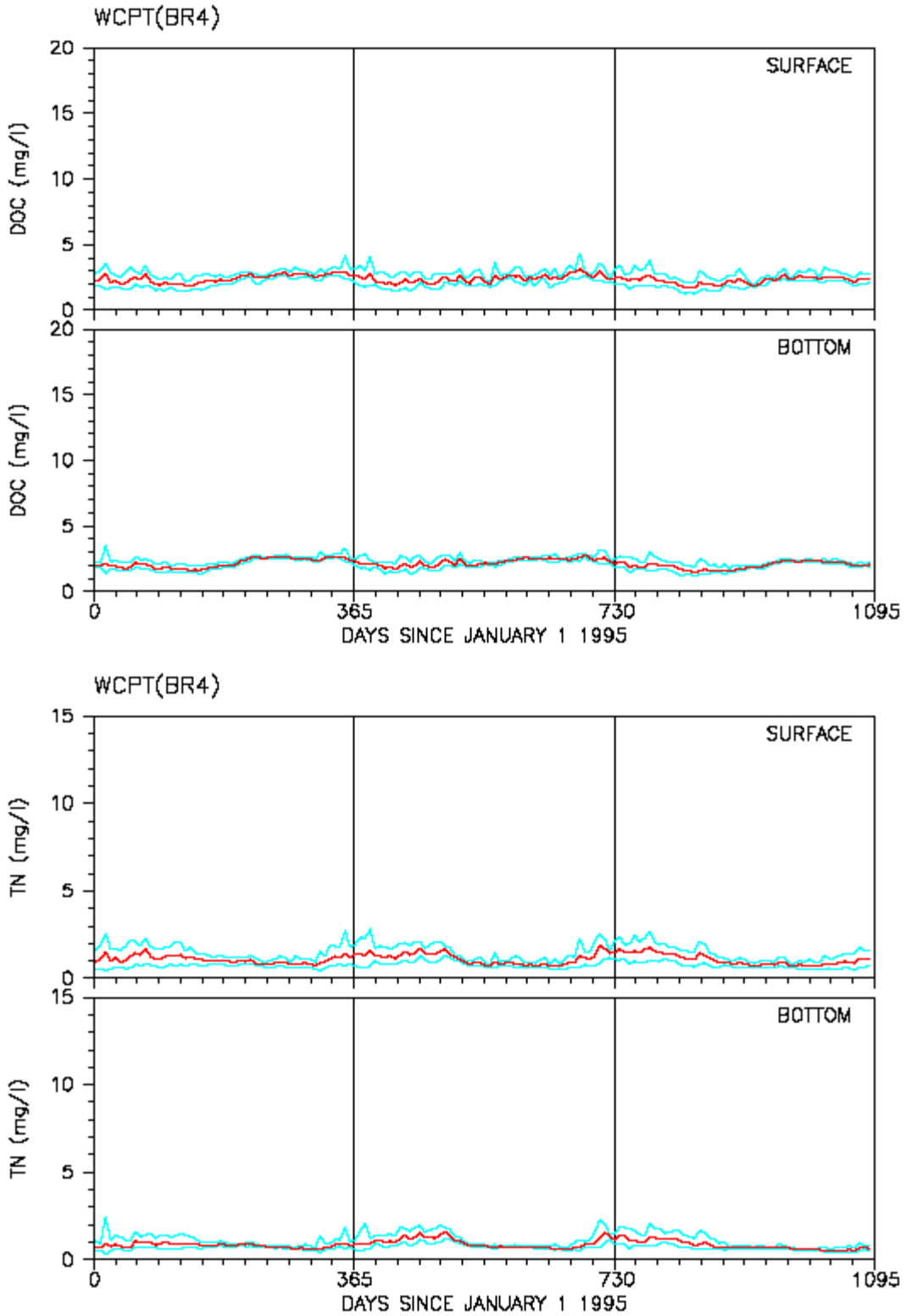


Fig. 55. Time series comparison of model TMDL results and data for dissolved organic carbon and total nitrogen in Back River (BR4)

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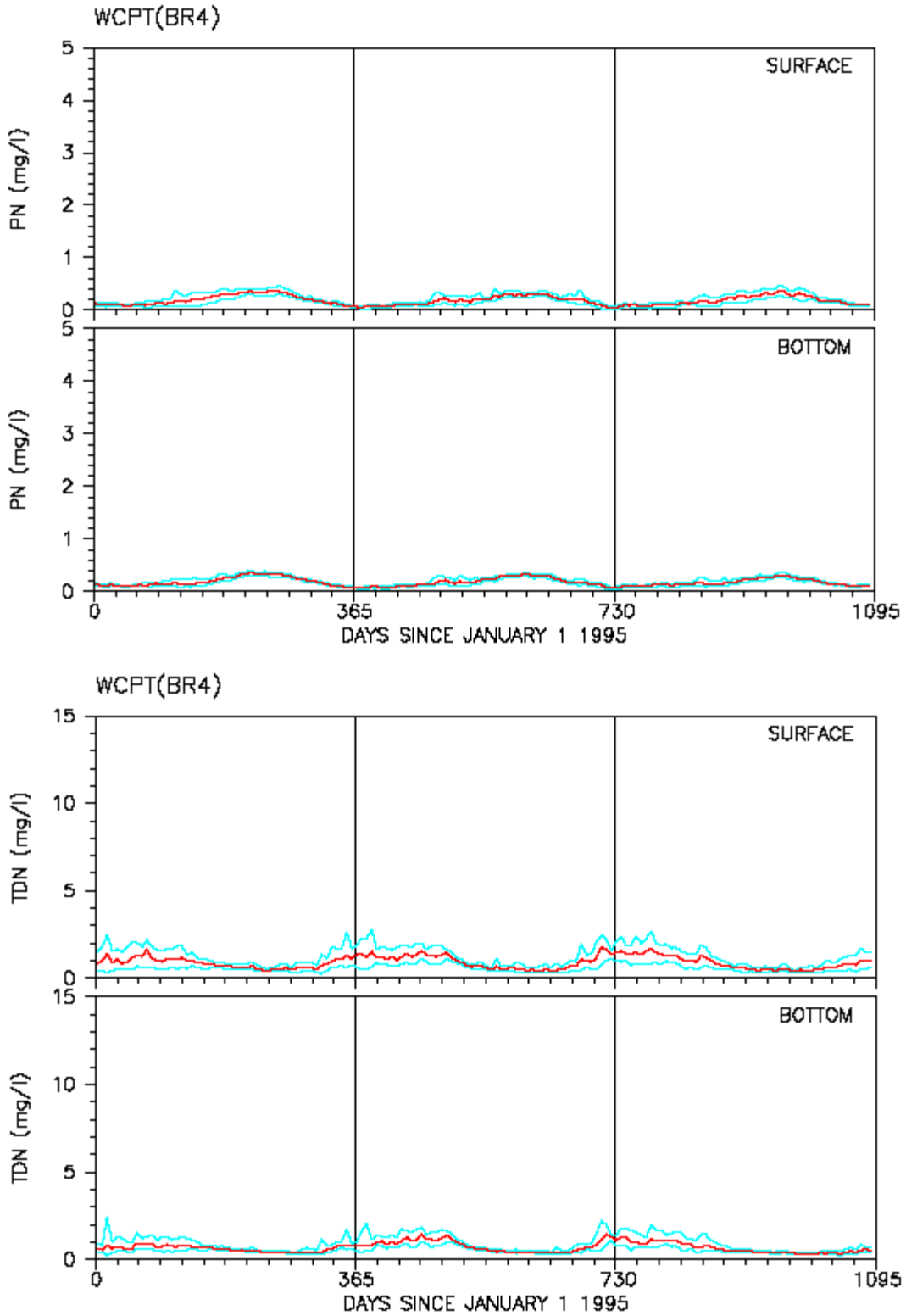


Fig. 56. Time series comparison of model TMDL results and data for particulate nitrogen and total dissolved nitrogen in Back River (BR4)

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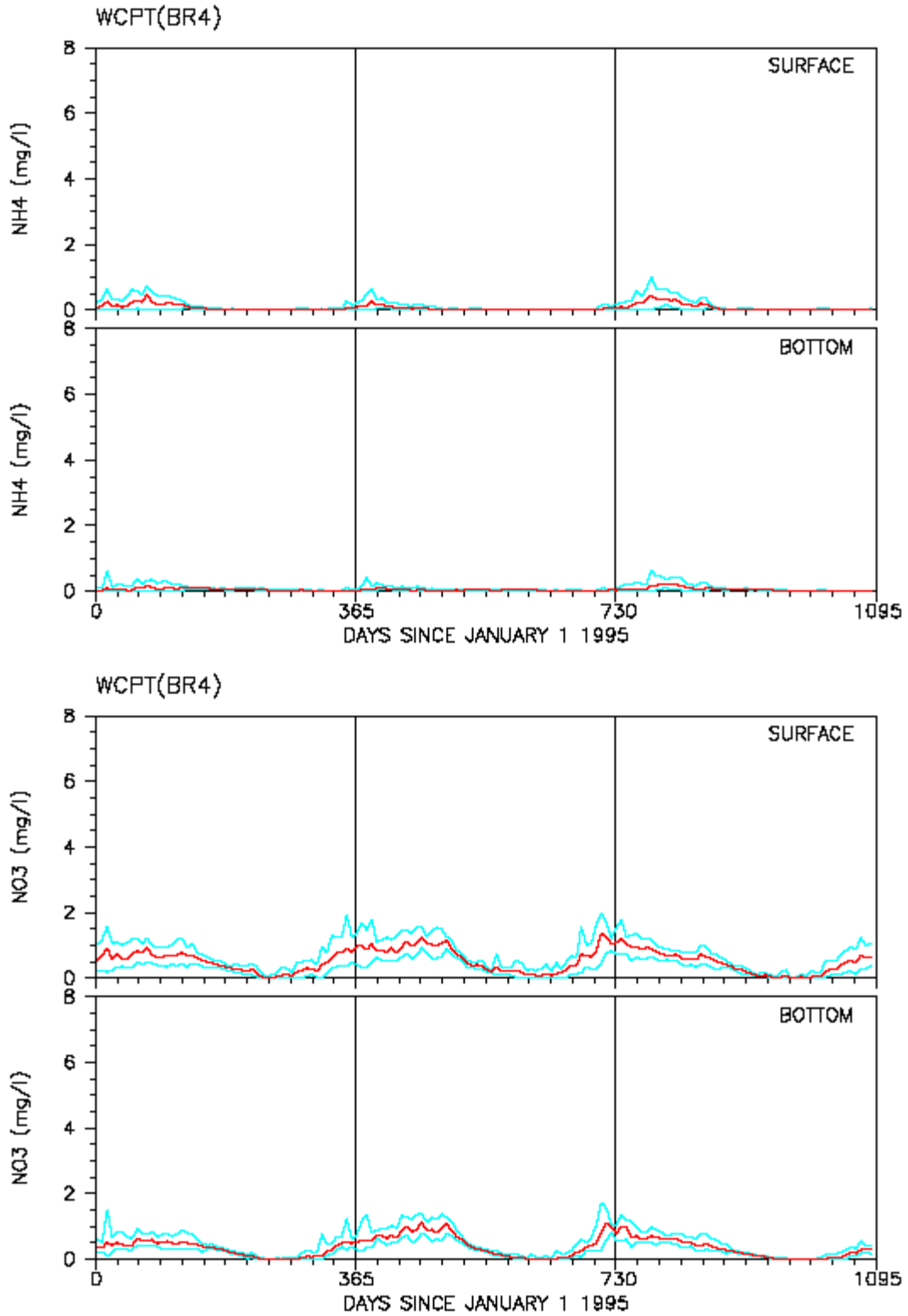


Fig. 57. Time series comparison of model TMDL results and data for ammonia and nitrate nitrogen in Back River (BR4)

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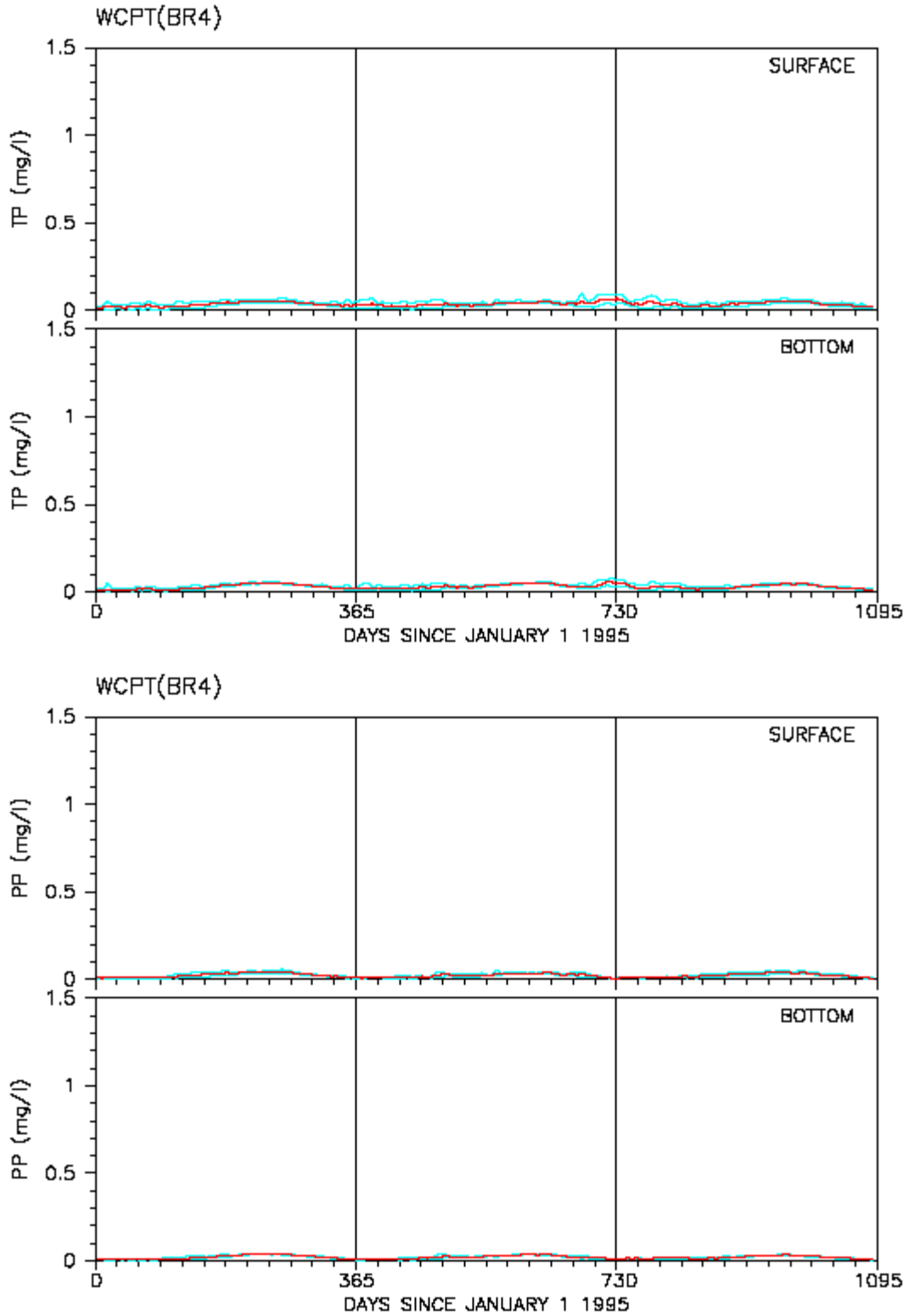


Fig. 58. Time series comparison of model TMDL results and data for total phosphorus and particulate phosphorus in Back River (BR4)

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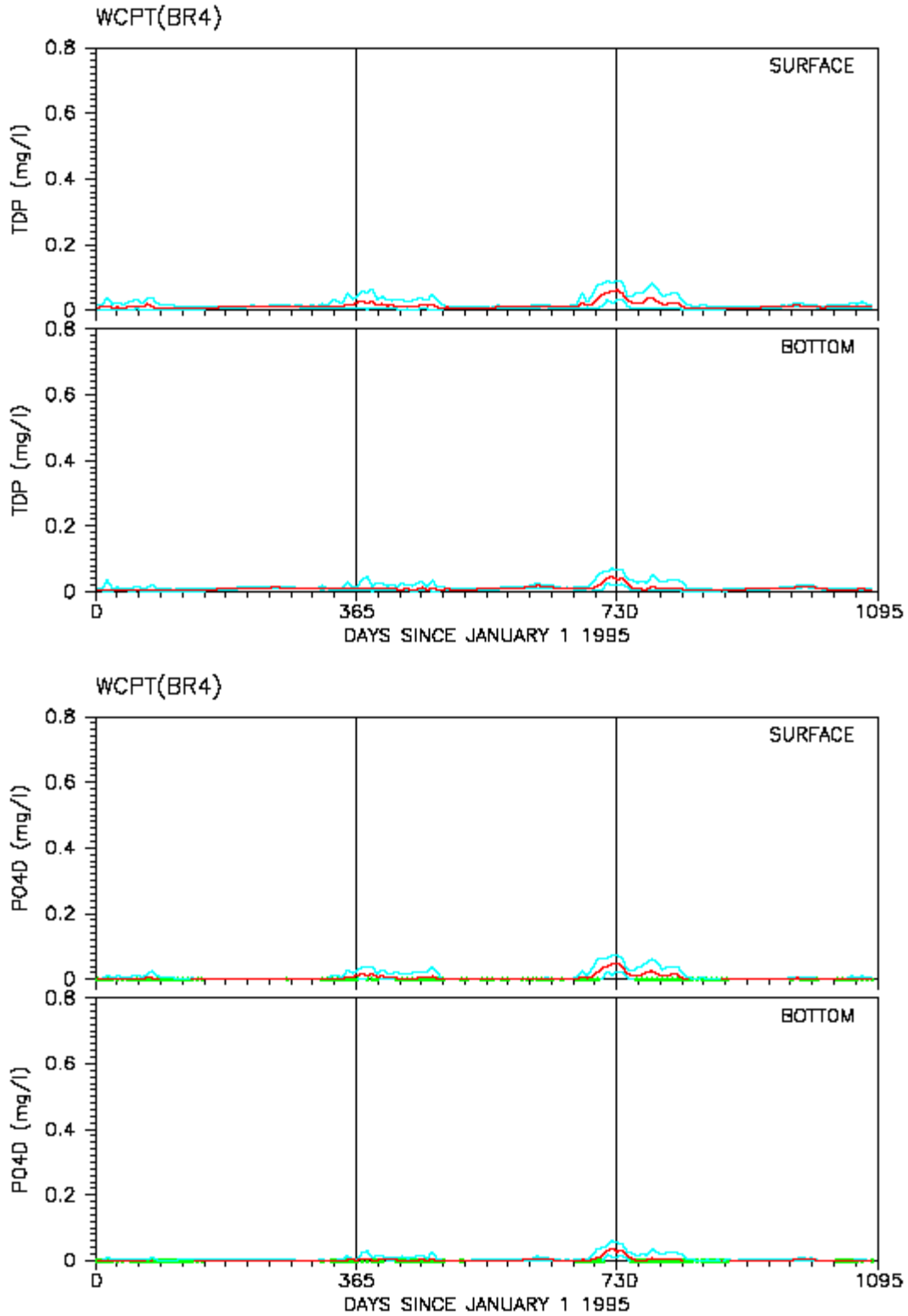


Fig. 59. Time series comparison of model TMDL results and data for total dissolved phosphorus and dissolved phosphate in Back River (BR4)

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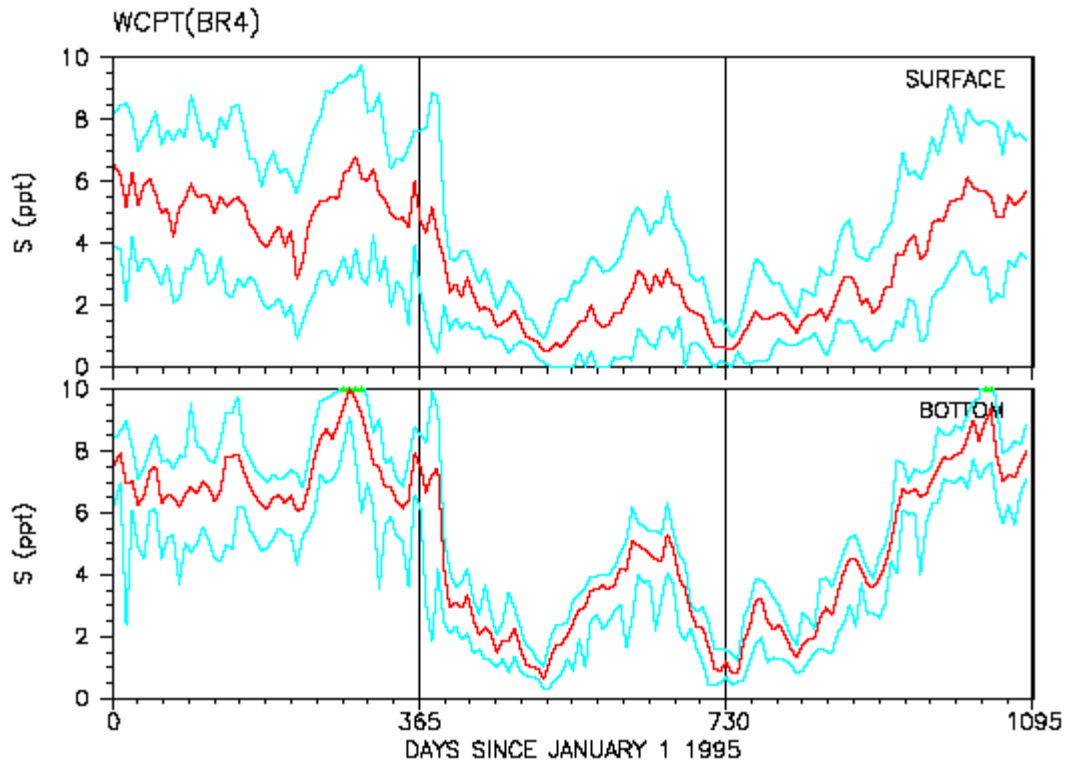


Fig. 60. Time series comparison of model TMDL results and data for salinity in Back River (BR4)