

Appendix B – Scatterplots of Water Quality Parameters

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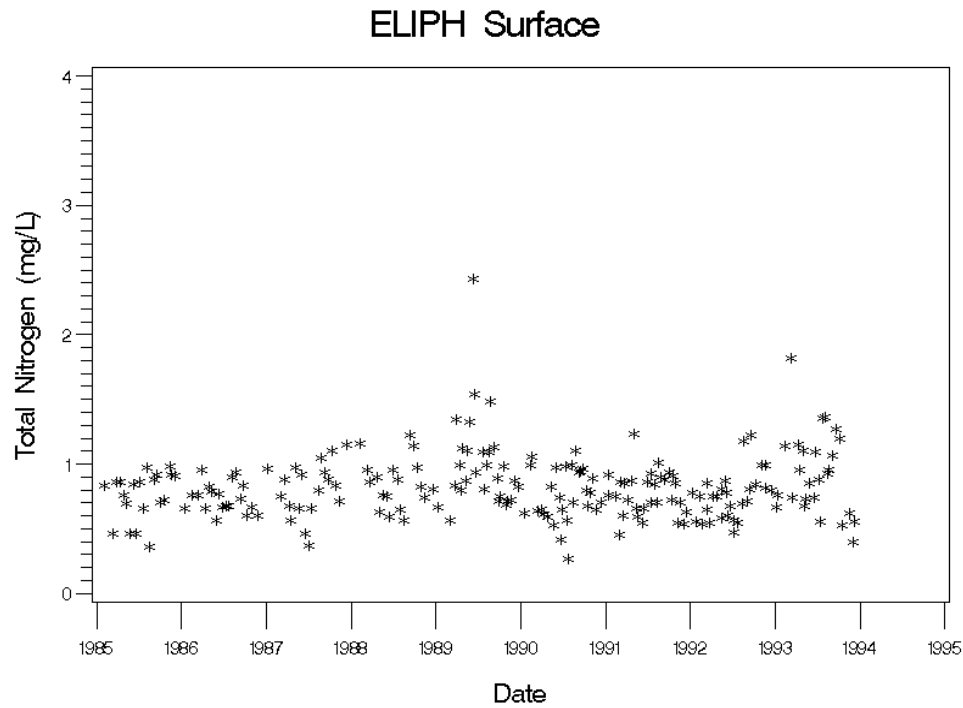
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a) Pre-method change period



b) Post-method change period

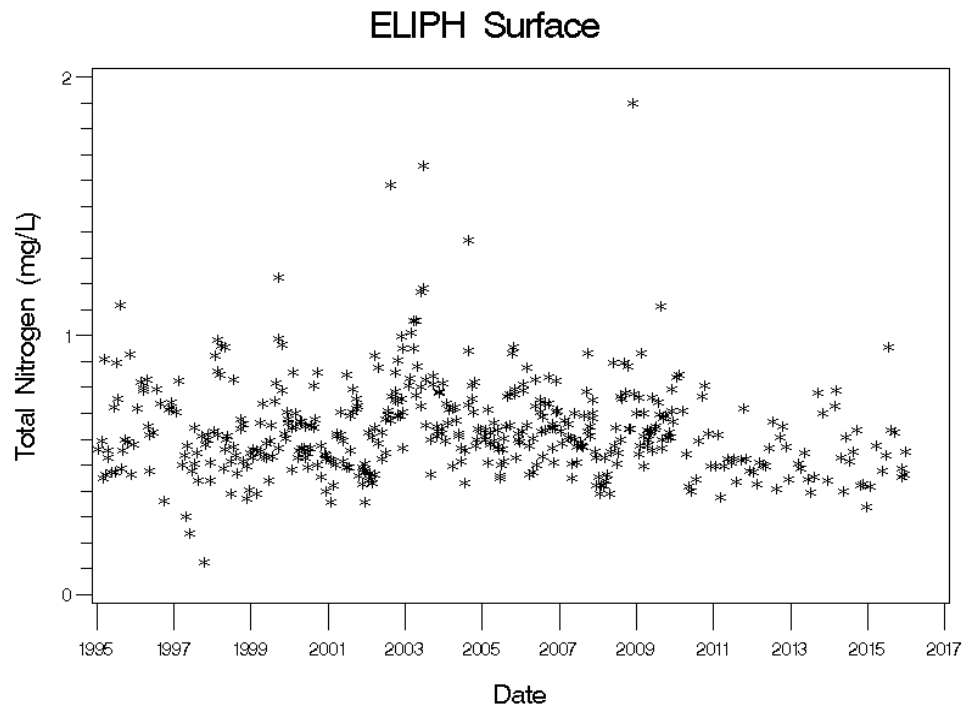
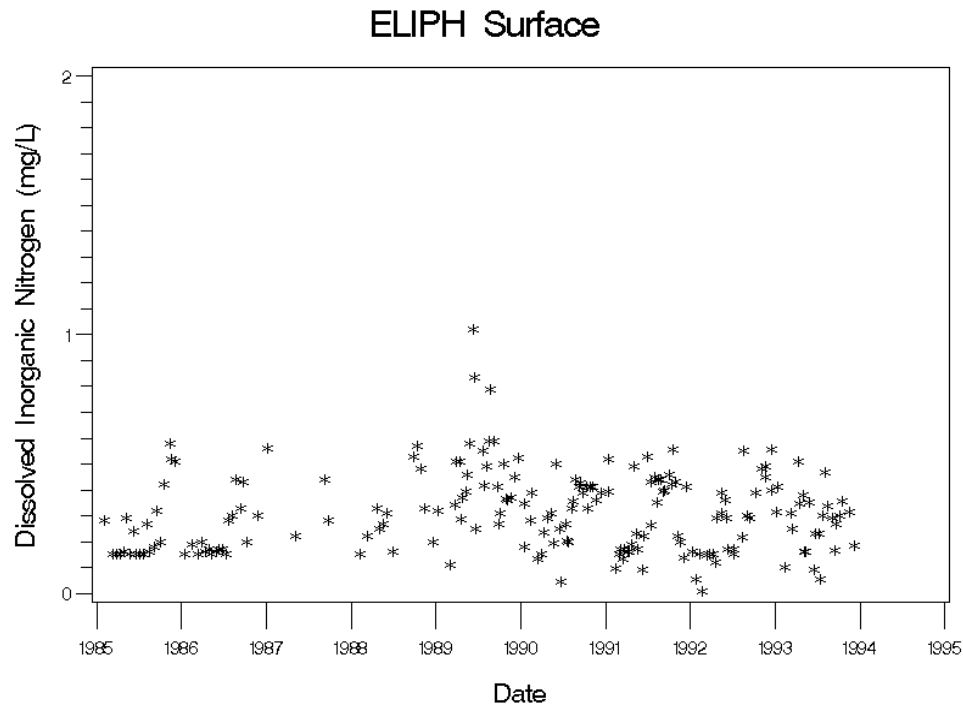


Figure 1. Scatterplots of surface total nitrogen at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

a) Pre-method change period



b) Post-method change period

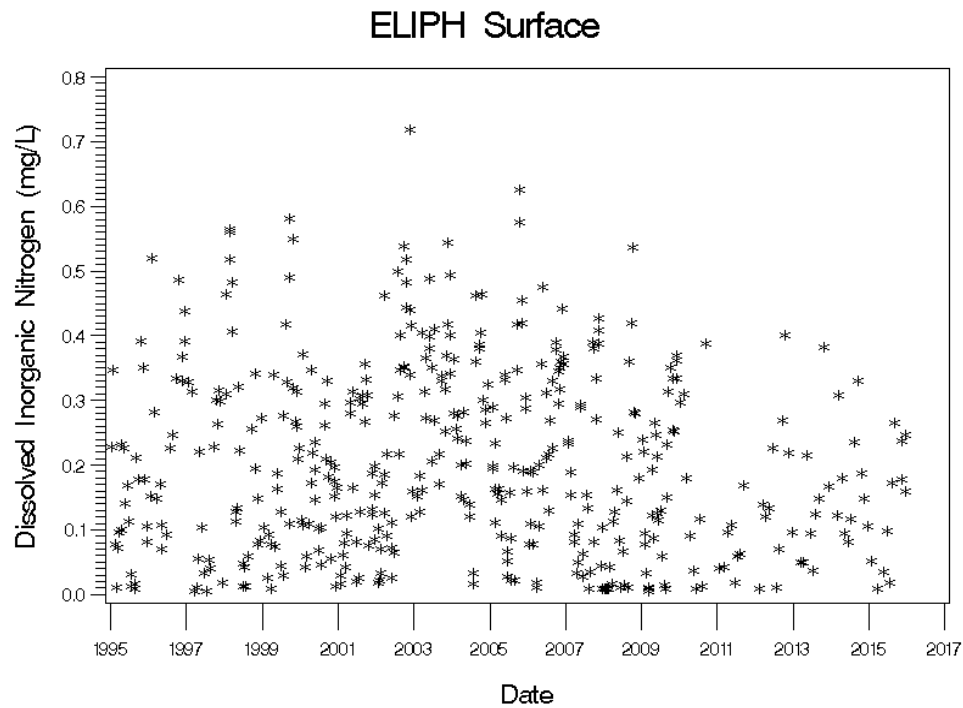
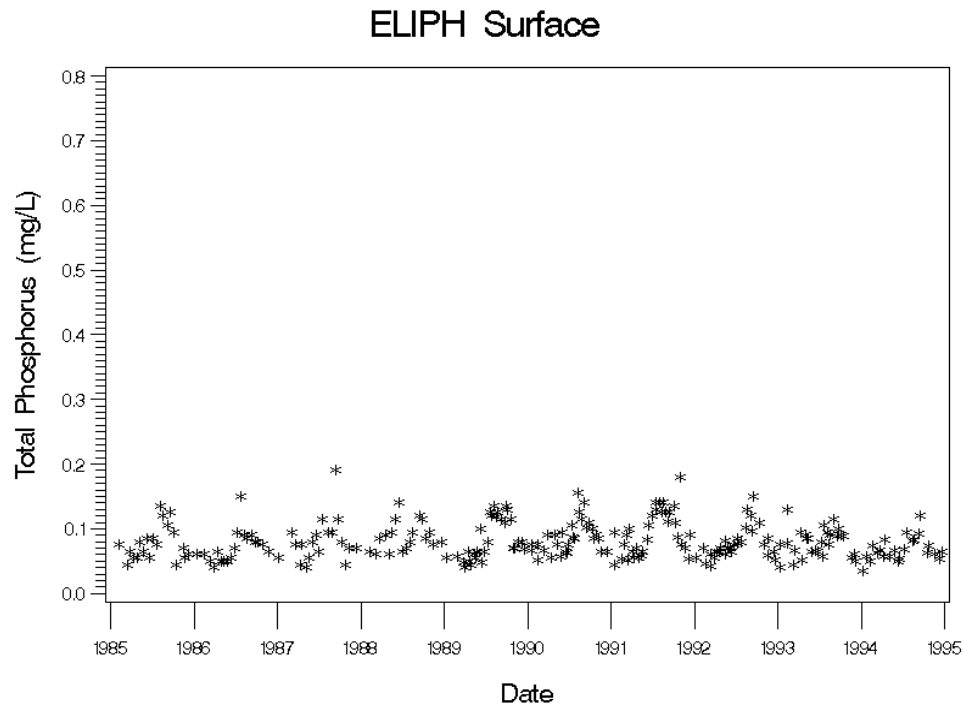


Figure 2. Scatterplots of surface dissolved inorganic nitrogen at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

a) Pre-method change period



b) Post-method change period

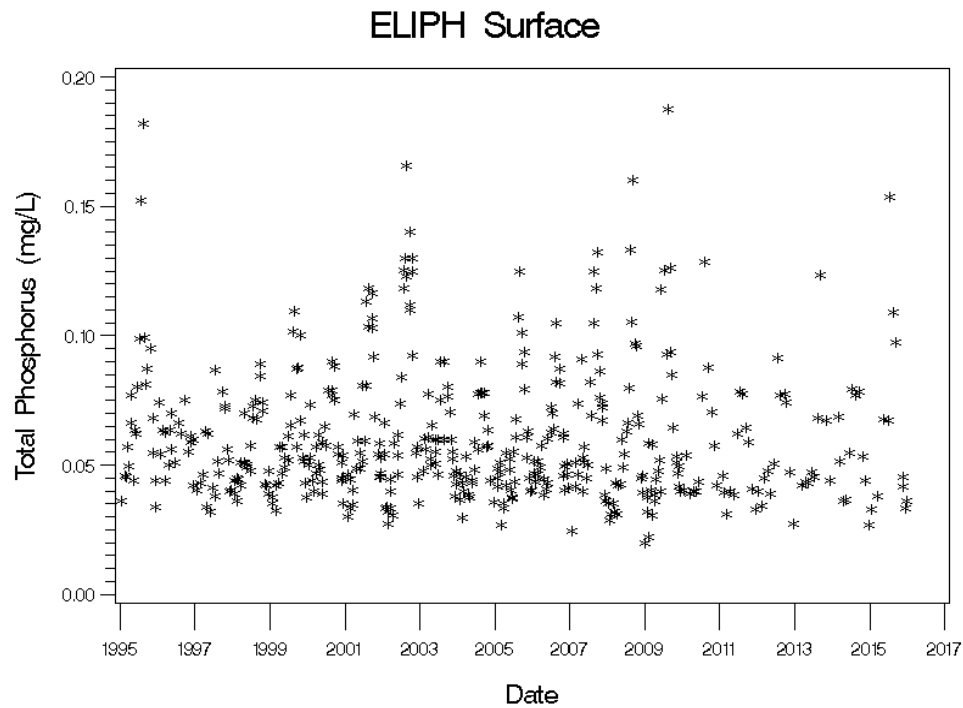
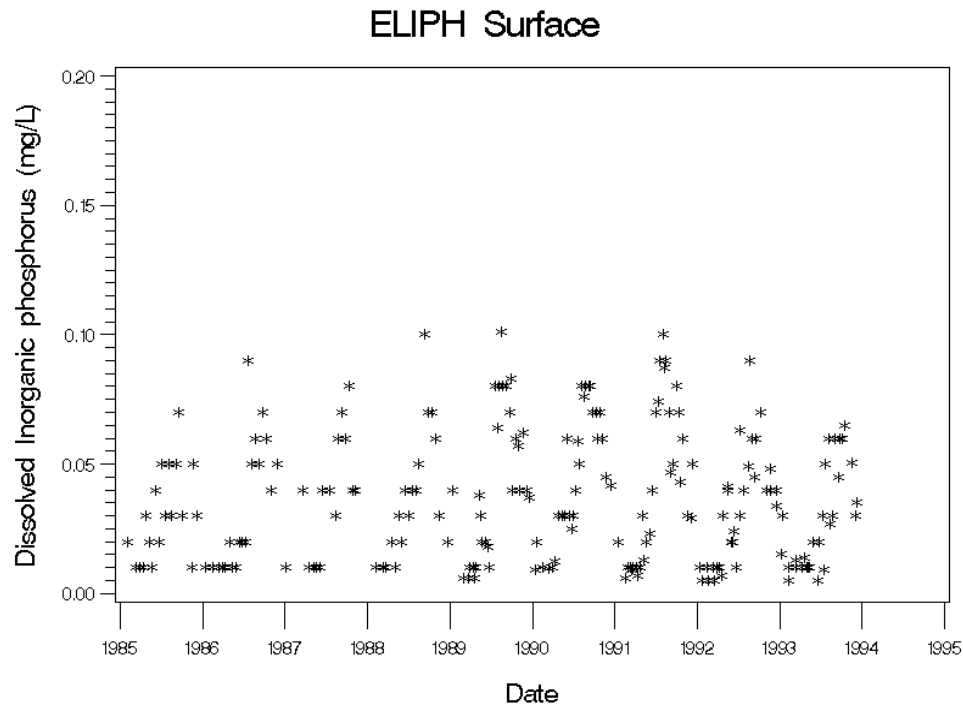


Figure 3. Scatterplots of surface total phosphorus at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

a) Pre-method change period



b) Post-method change period

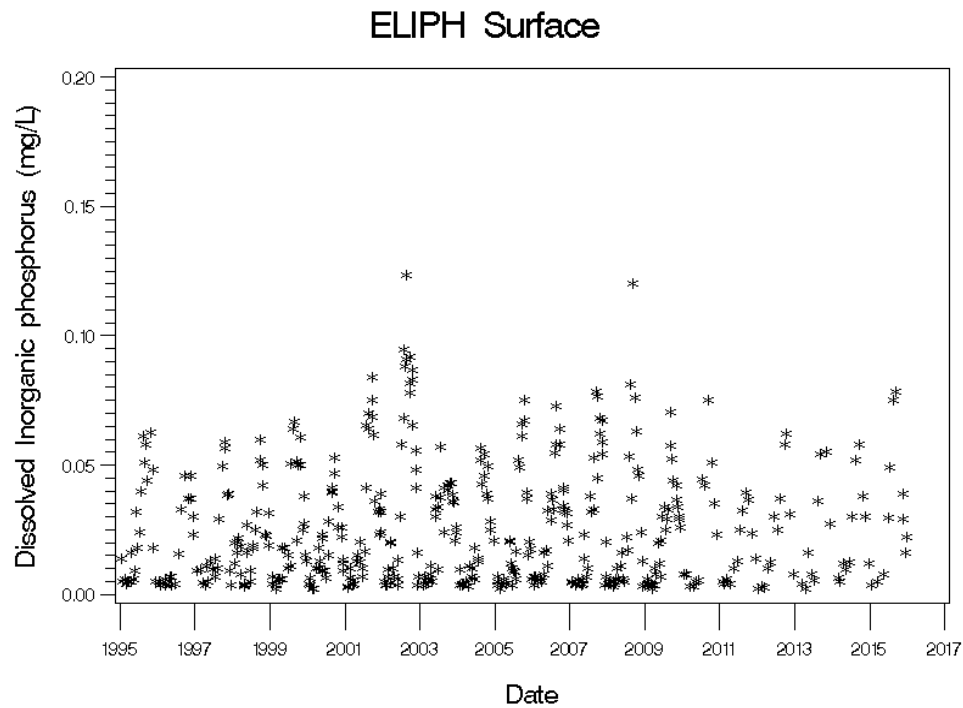


Figure 4. Scatterplots of surface dissolved inorganic phosphorus at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

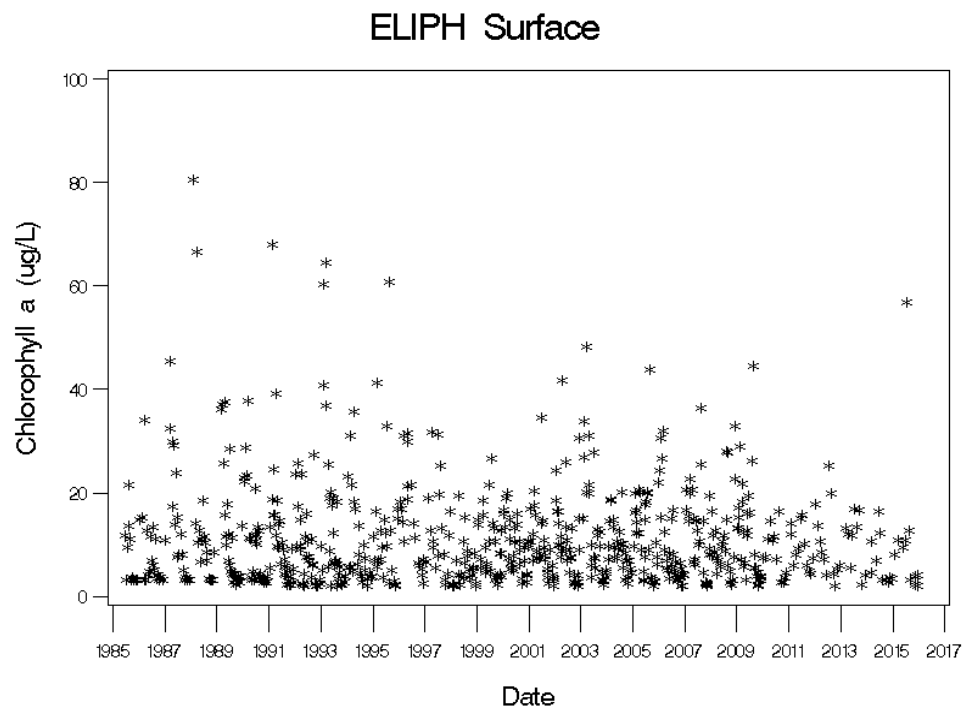


Figure 5. Scatterplot of surface chlorophyll a at segment ELIPH during the period 1985 to 2015.

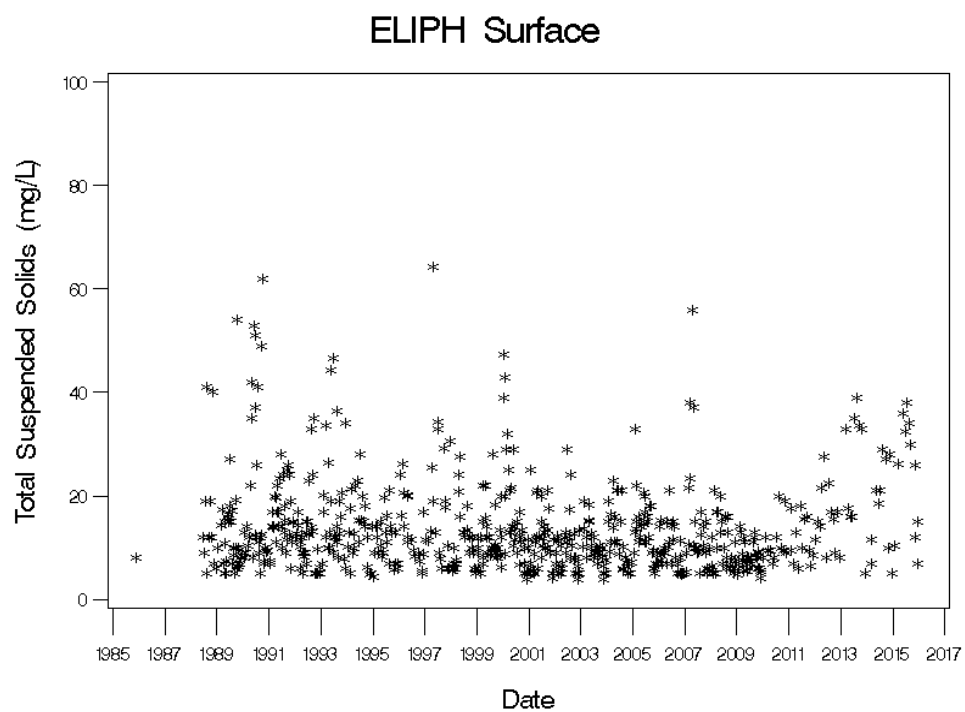


Figure 6. Scatterplot of surface total suspended solids at segment ELIPH during the period 1985 to 2015.

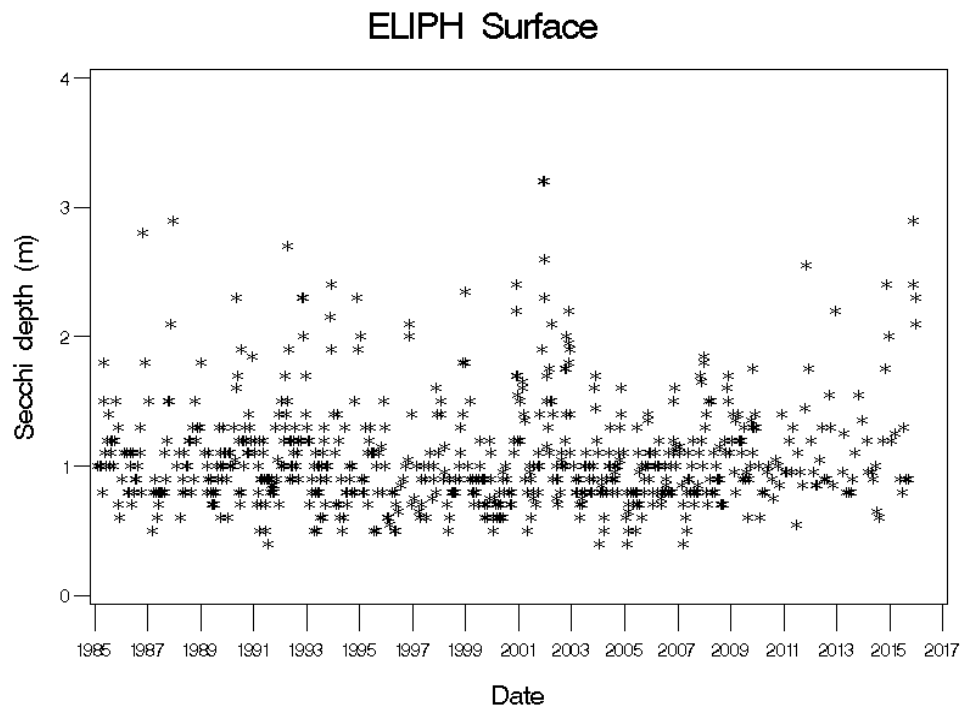


Figure 7. Scatterplot of secchi depth at segment ELIPH during the period 1985 to 2015.

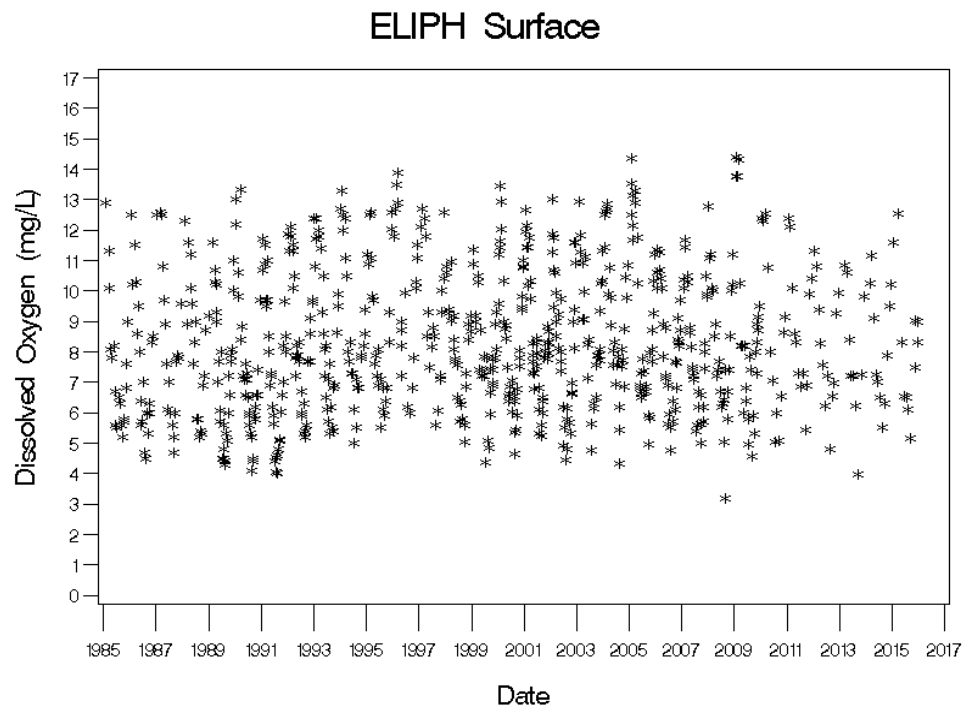


Figure 8. Scatterplot of surface dissolved oxygen at segment ELIPH during the period 1985 to 2015.

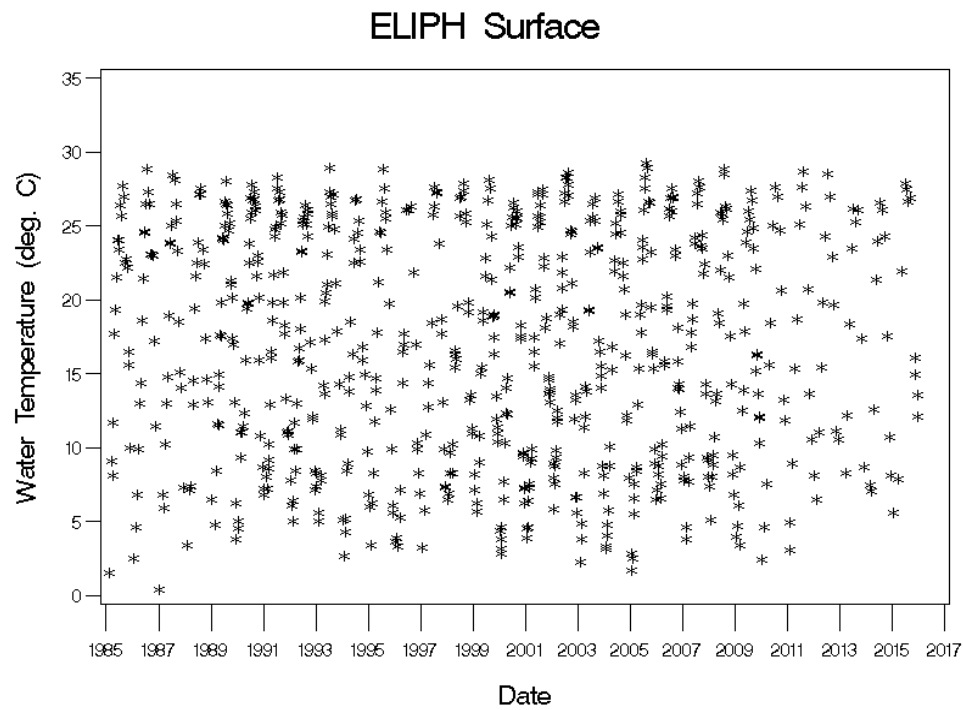


Figure 9. Scatterplot of surface water temperature at segment ELIPH during the period 1985 to 2015.

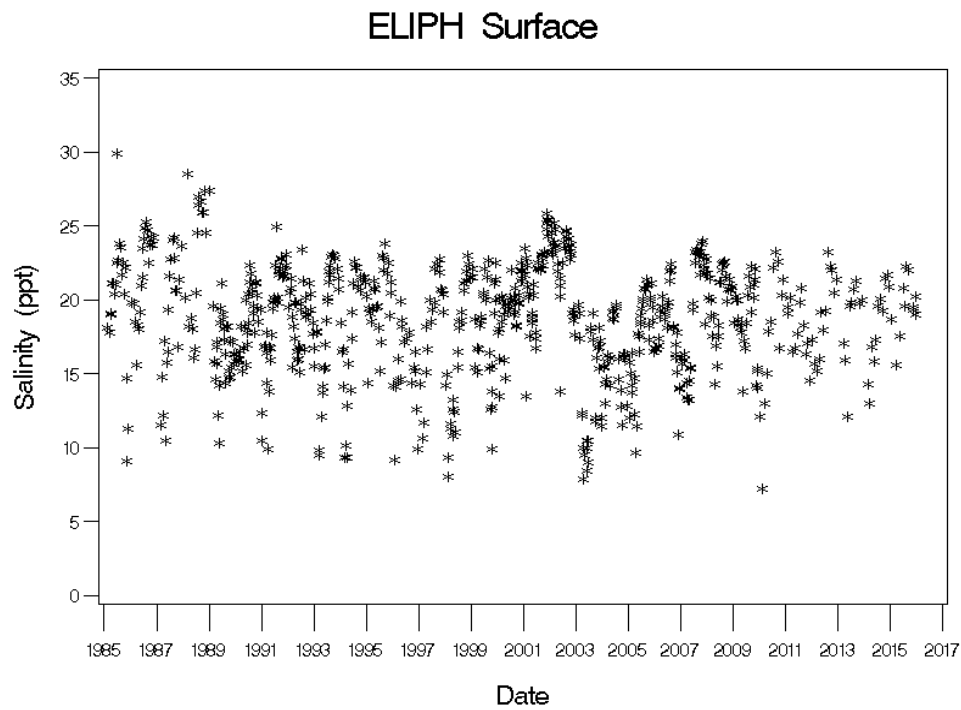


Figure 10. Scatterplot of surface salinity at segment ELIPH during the period 1985 to 2015.

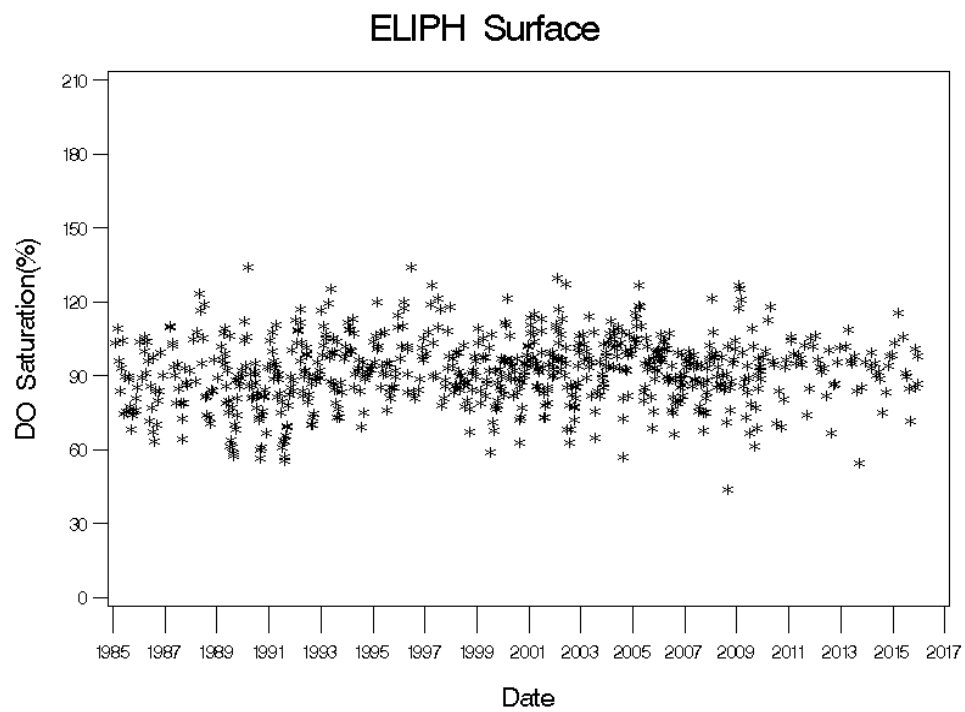
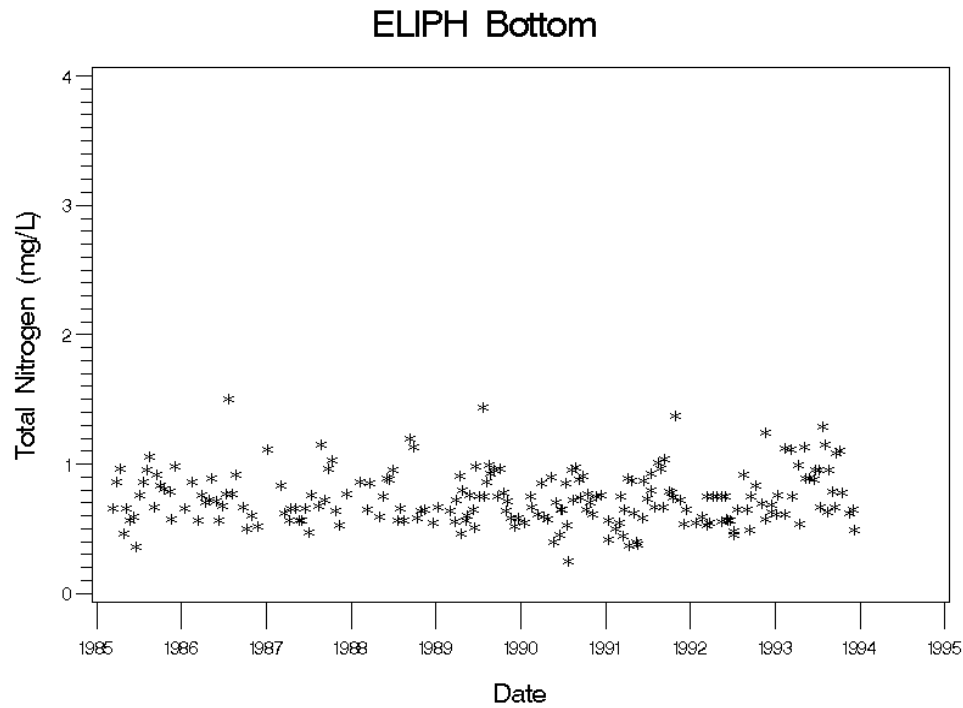


Figure 11. Scatterplot of surface DO saturation at segment ELIPH during the period 1985 to 2015.

a) Pre-method change period



b) Post-method change period

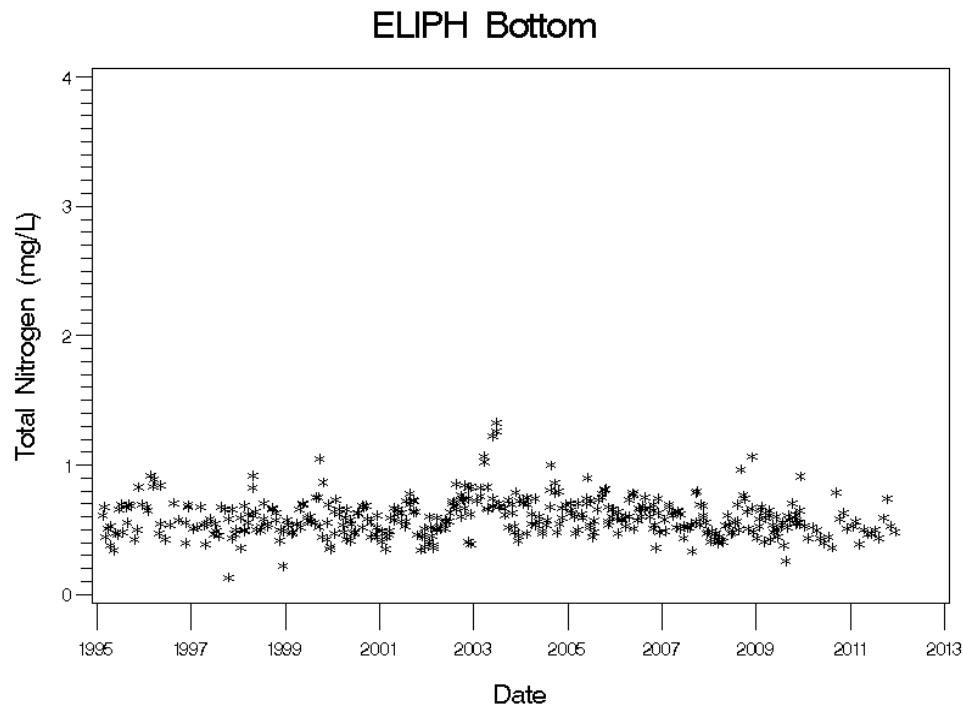
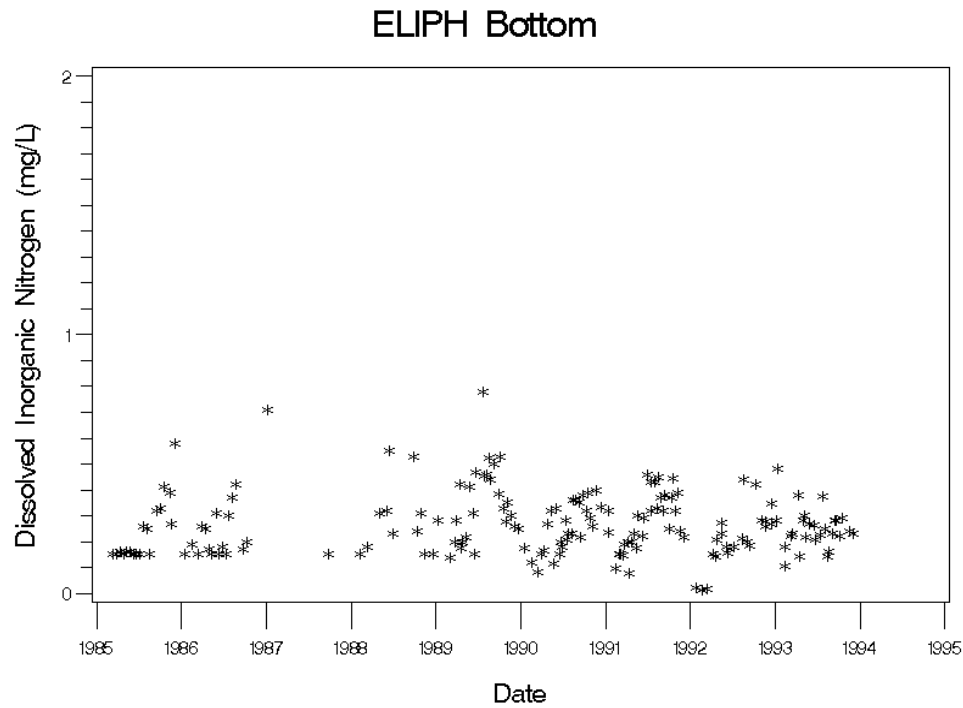


Figure 12. Scatterplots of bottom total nitrogen at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

a) Pre-method change period



b) Post-method change period

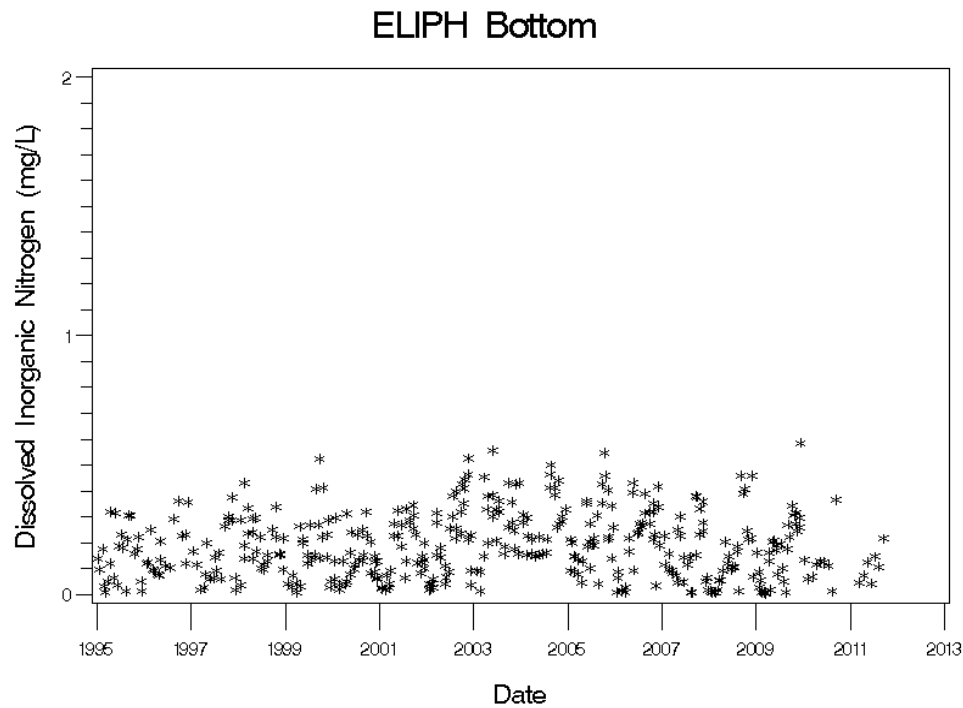
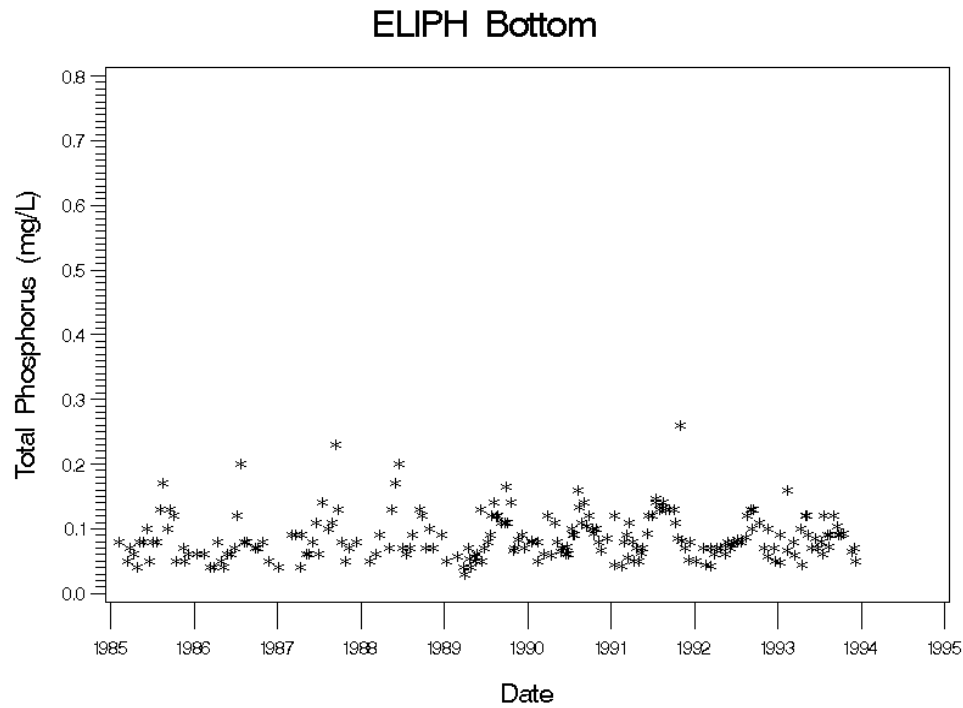


Figure 13. Scatterplots of bottom dissolved inorganic nitrogen at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

a) Pre-method change period



b) Post-method change period

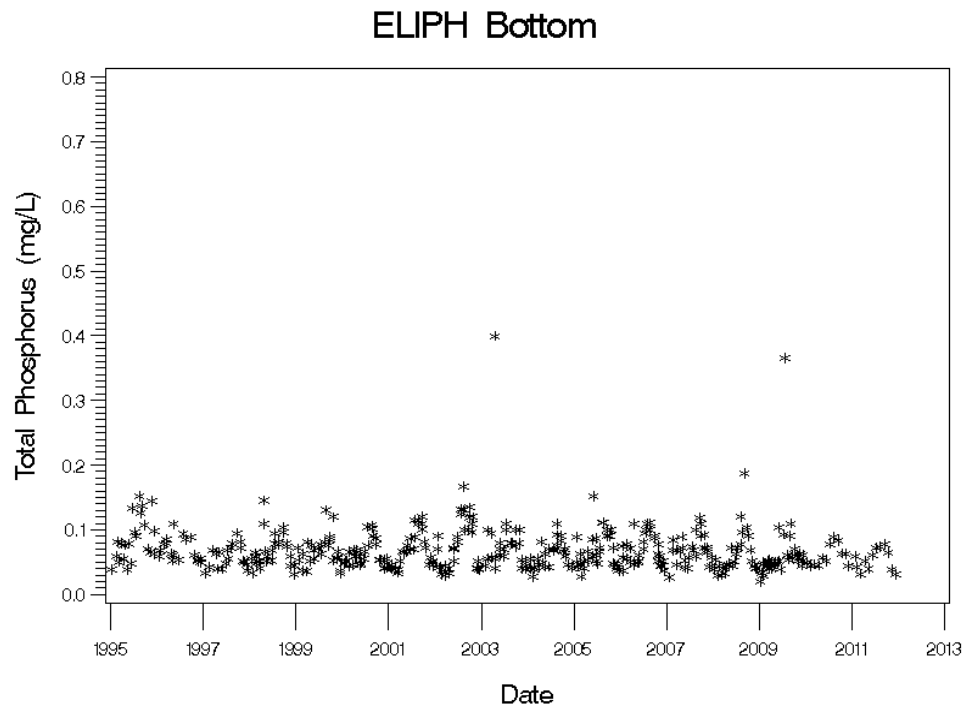
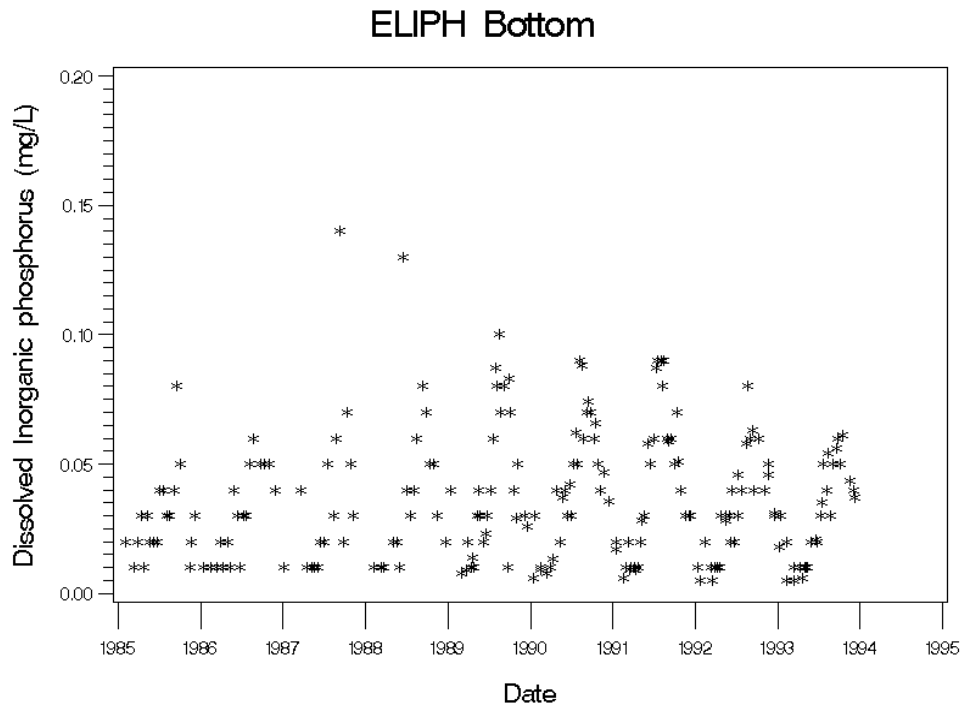


Figure 14. Scatterplots of bottom total phosphorus at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

a) Pre-method change period



b) Post-method change period

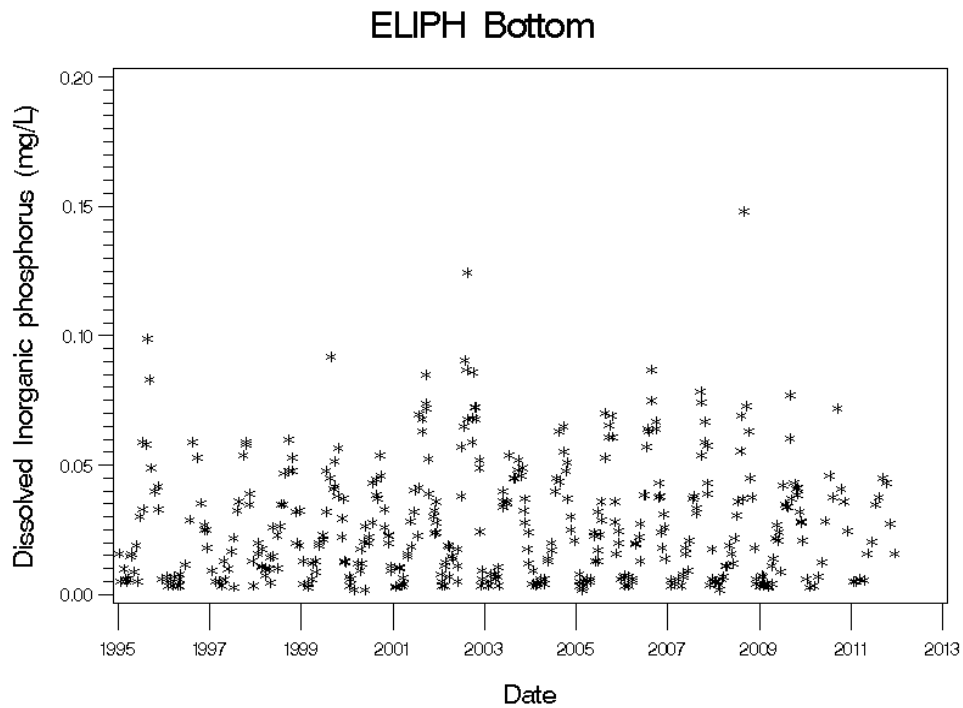


Figure 15. Scatterplots of bottom dissolved inorganic phosphorus at segment ELIPH during the a) Pre-method change (1985-1993) and b) Post-method change (1995-2015) periods.

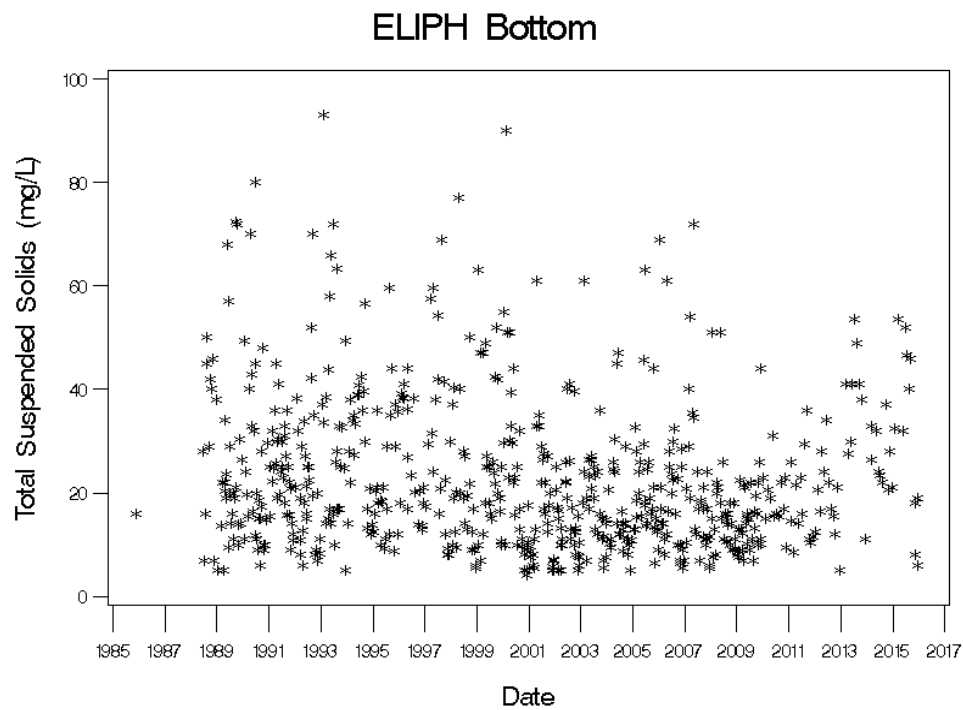


Figure 16. Scatterplot of bottom total suspended solids at segment ELIPH during the period 1985 to 2015.

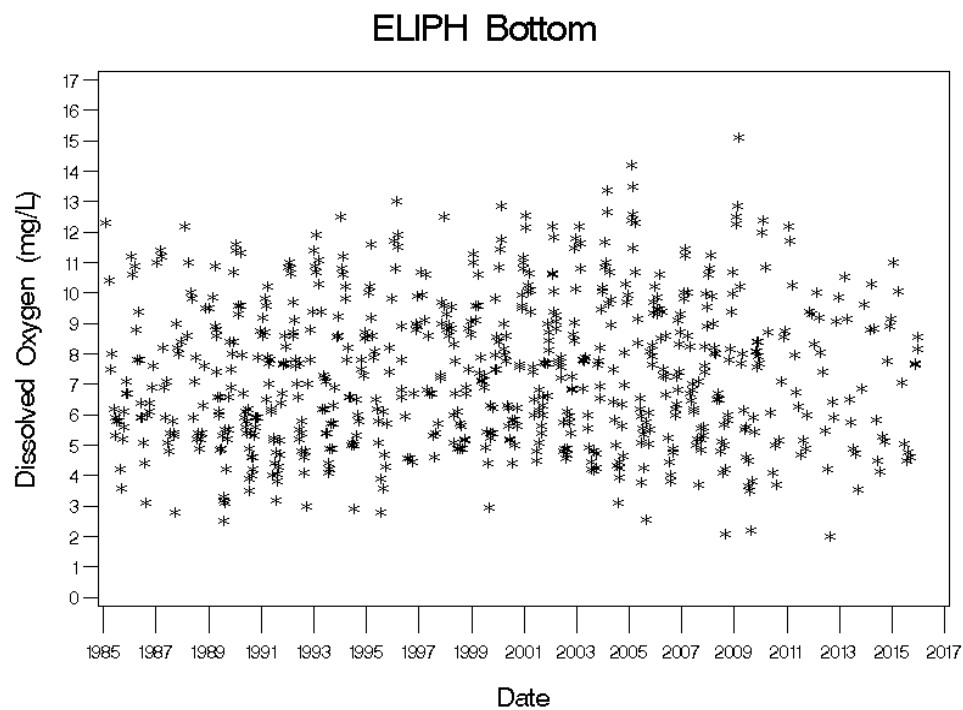


Figure 17. Scatterplot of bottom dissolved oxygen at segment ELIPH during the period 1985 to 2015.

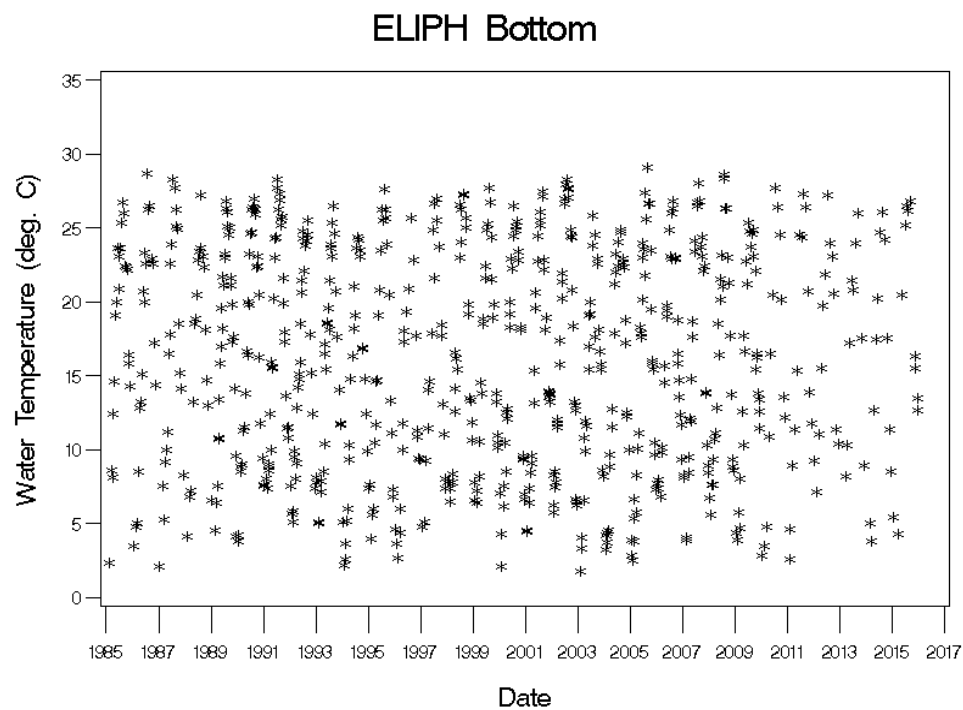


Figure 18. Scatterplot of bottom water temperature at segment ELIPH during the period 1985 to 2015.

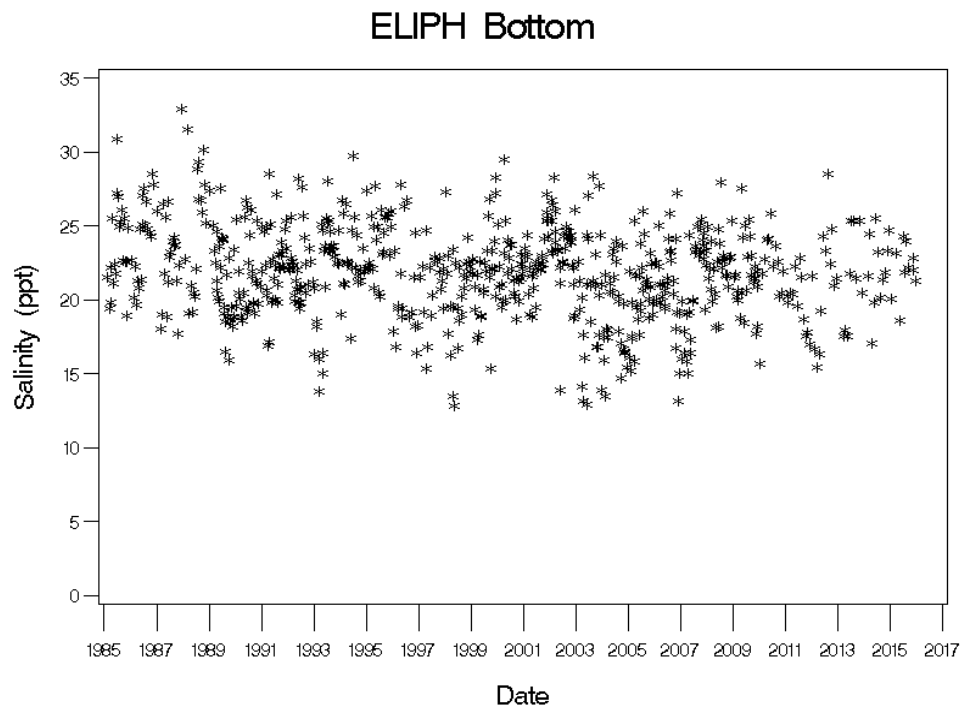


Figure 19. Scatterplot of bottom salinity at segment ELIPH during the period 1985 to 2015.

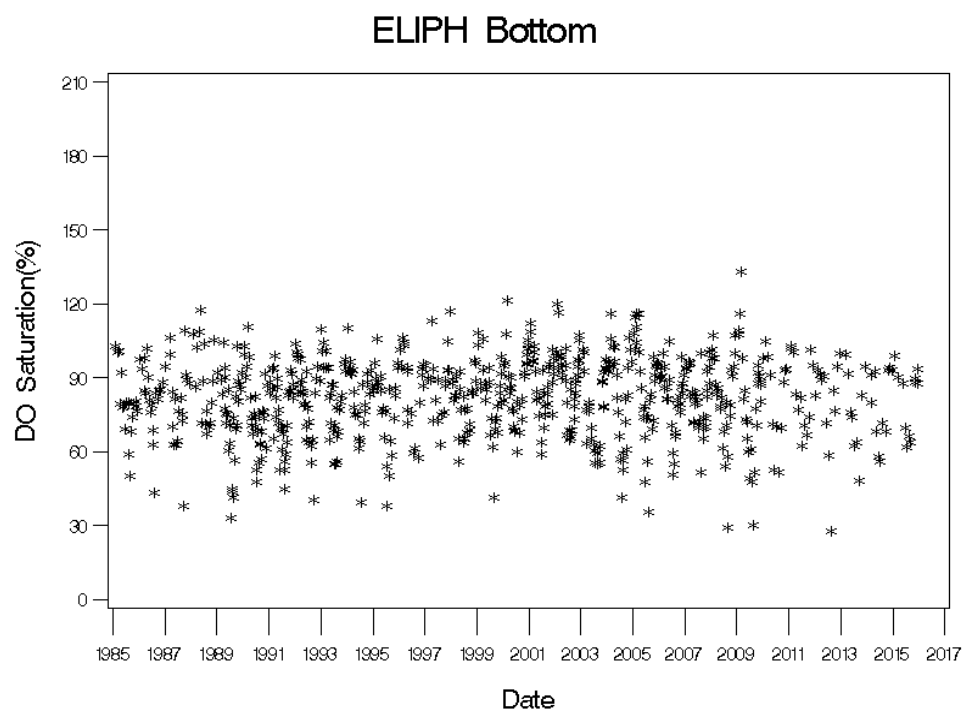


Figure 20. Scatterplot of bottom DO saturation at segment ELIPH during the period 1985 to 2015.



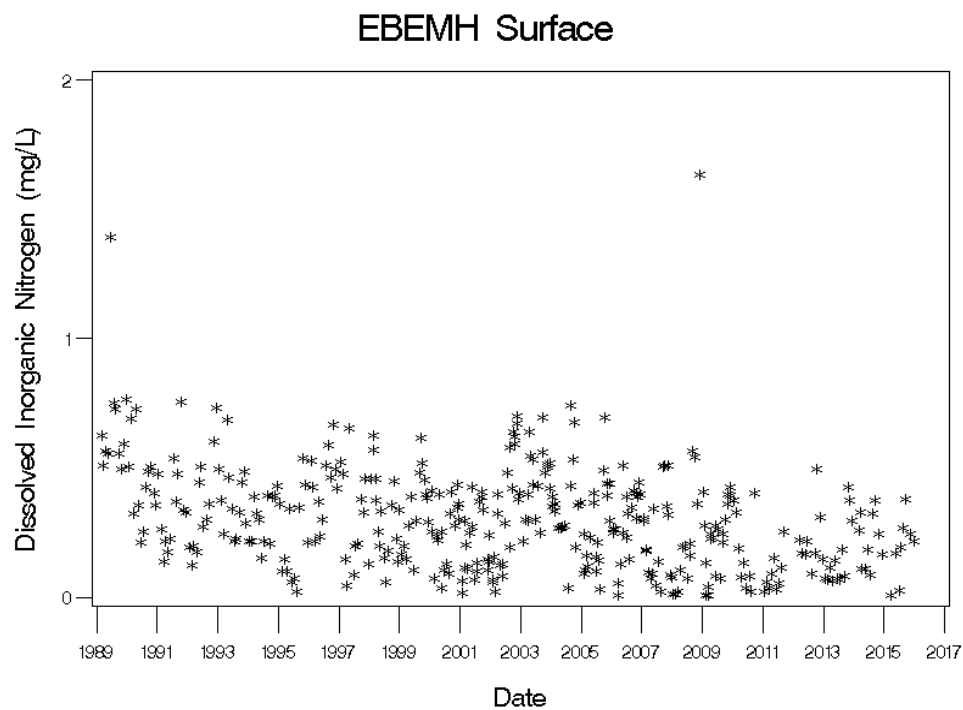


Figure 22. Scatterplots of surface dissolved inorganic nitrogen at segment EBEMH during the period of 1989 to 2015.

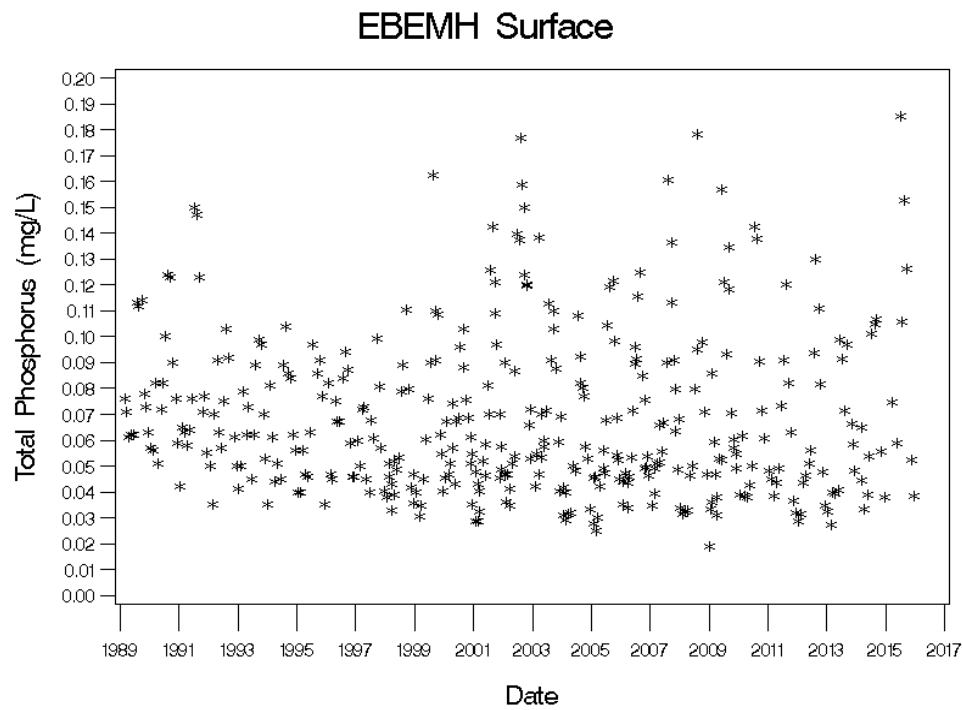


Figure 23. Scatterplots of surface total phosphorus at segment EBEMH during the period of 1989 to 2015.

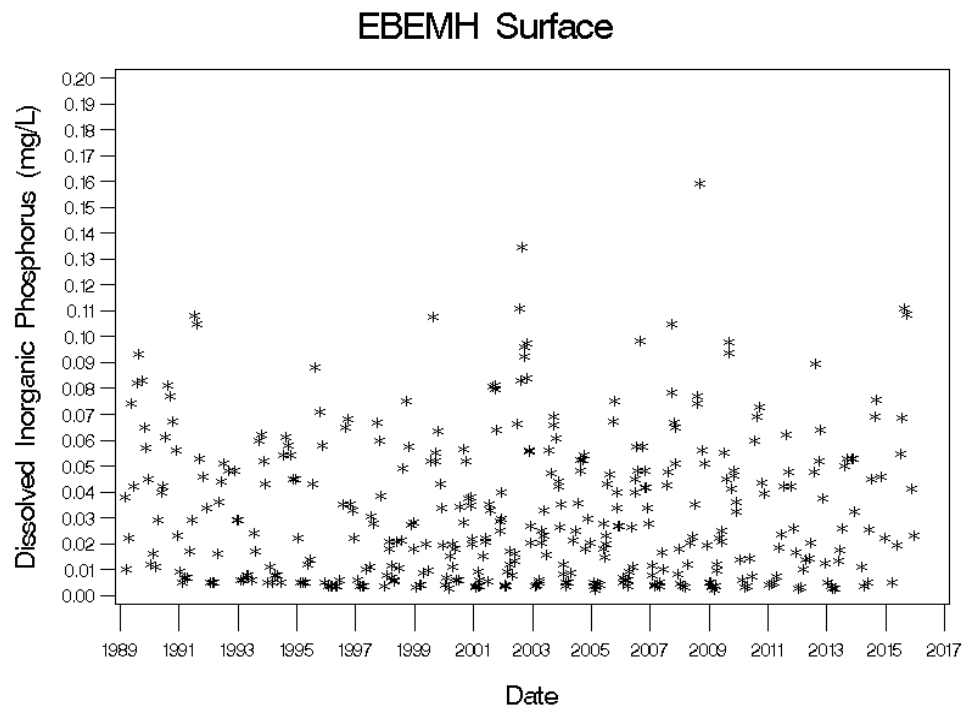


Figure 24. Scatterplots of surface dissolved inorganic phosphorus at segment EBEMH during the period of 1989 to 2015.

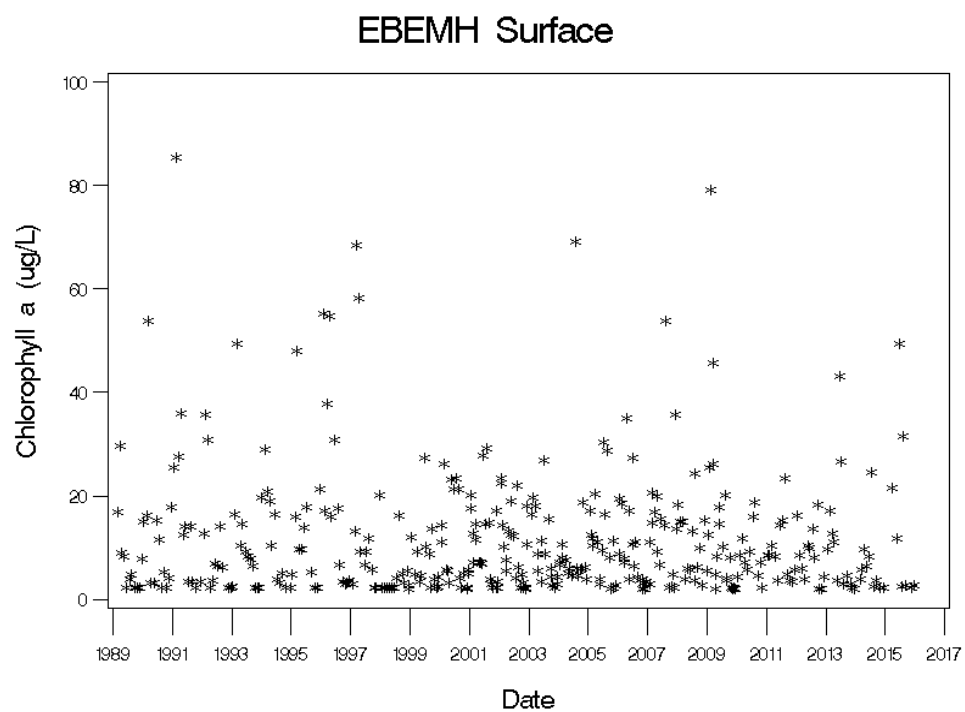


Figure 25. Scatterplot of surface chlorophyll a at segment EBEMH during the period 1985 to 2015.

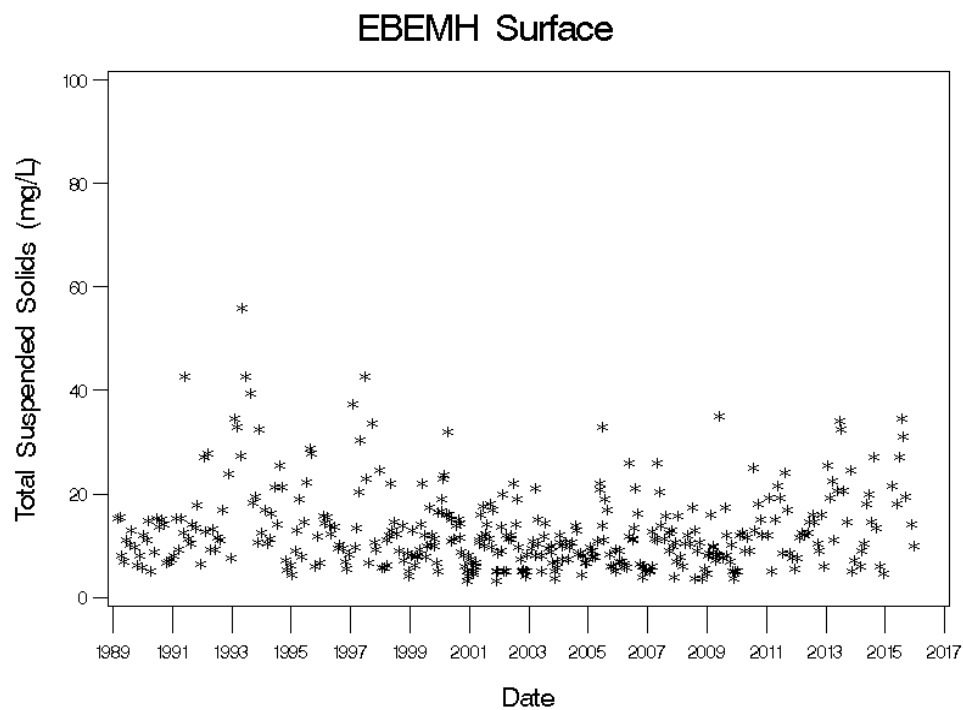


Figure 26. Scatterplot of surface total suspended solids at segment EBEMH during the period 1985 to 2015.

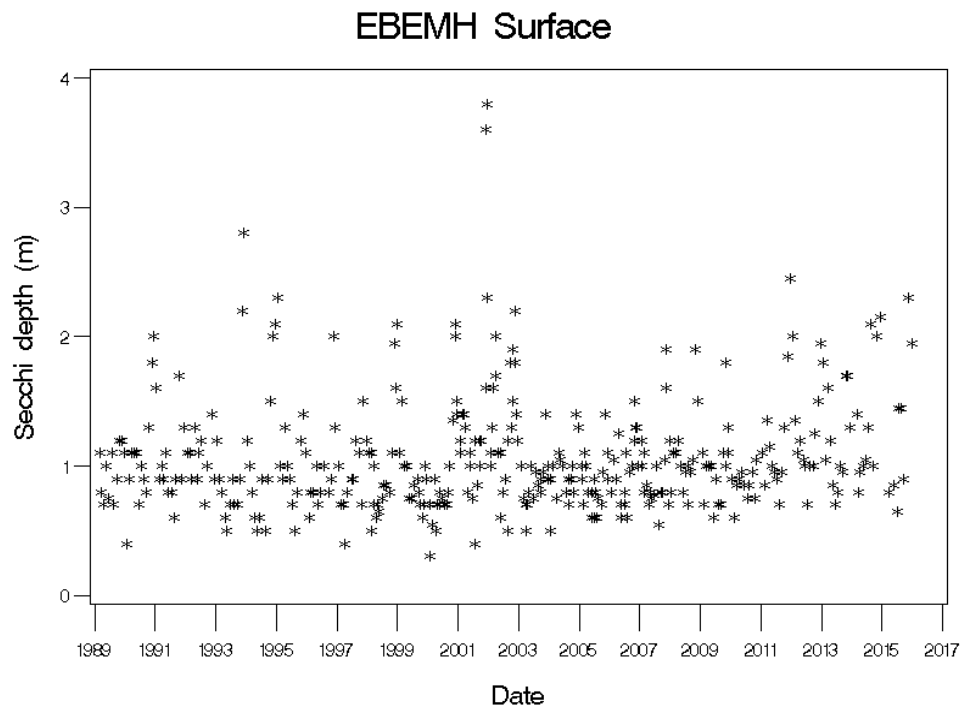


Figure 27. Scatterplot of secchi depth at segment EBEMH during the period 1989 through 2015.

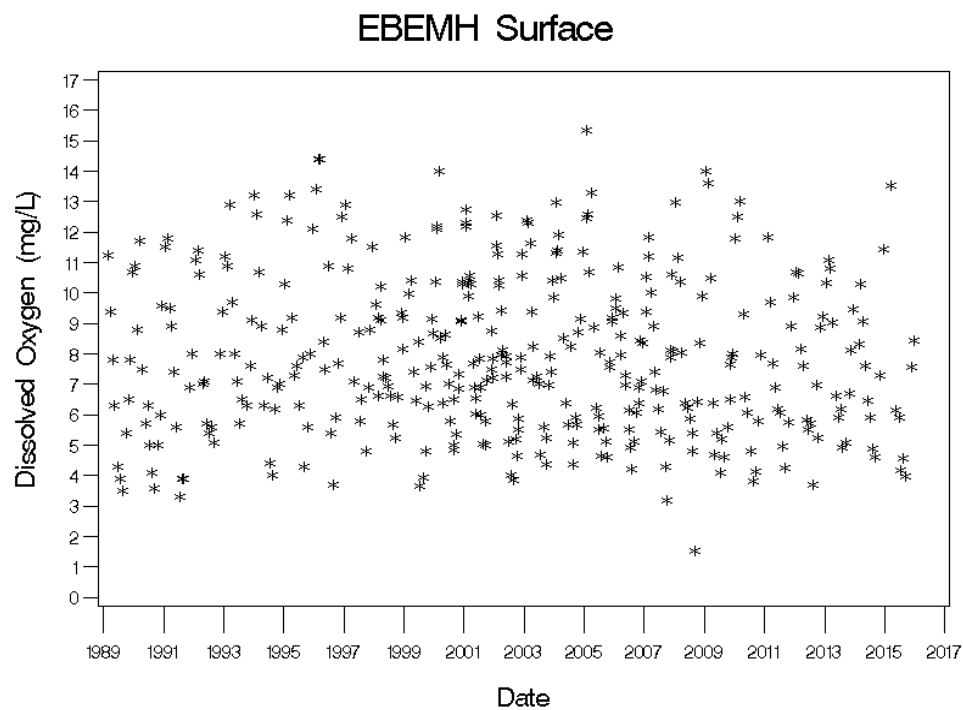


Figure 28. Scatterplot of surface dissolved oxygen at segment EBEMH during the period 1985 to 2015.

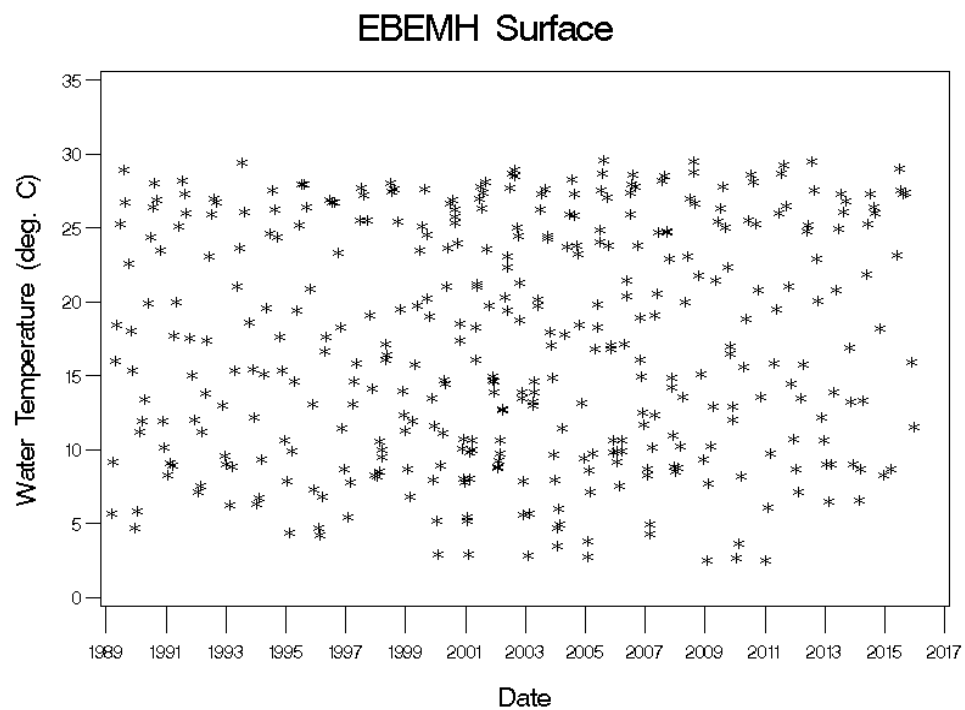


Figure 29. Scatterplot of surface water temperature at segment EBEMH during the period 1985 to 2015.

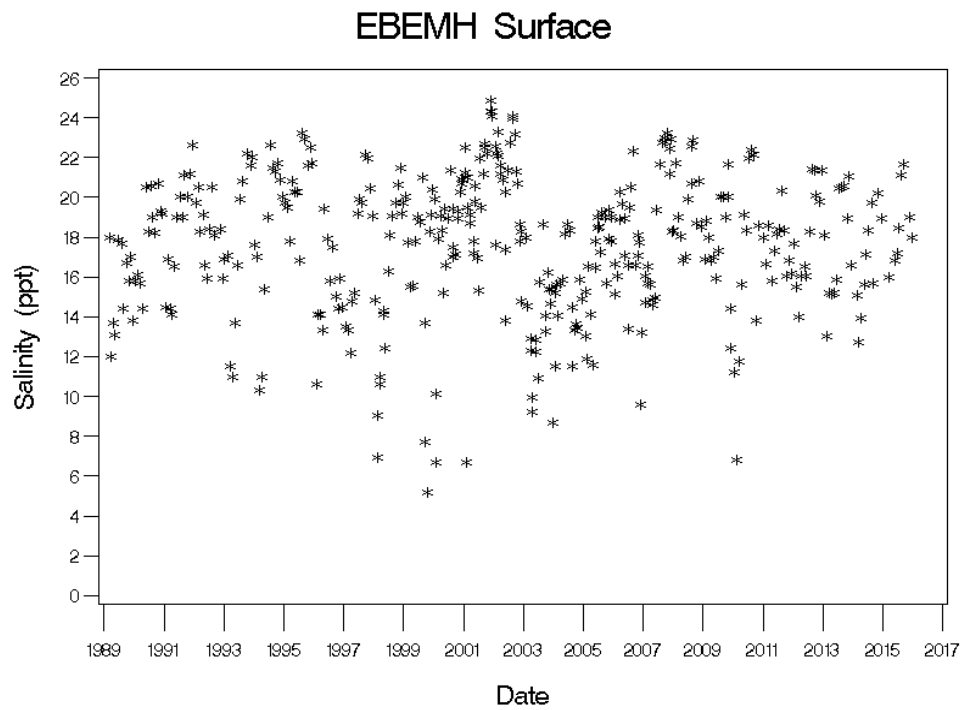


Figure 30. Scatterplot of surface salinity at segment EBEMH during the period 1985 to 2015.

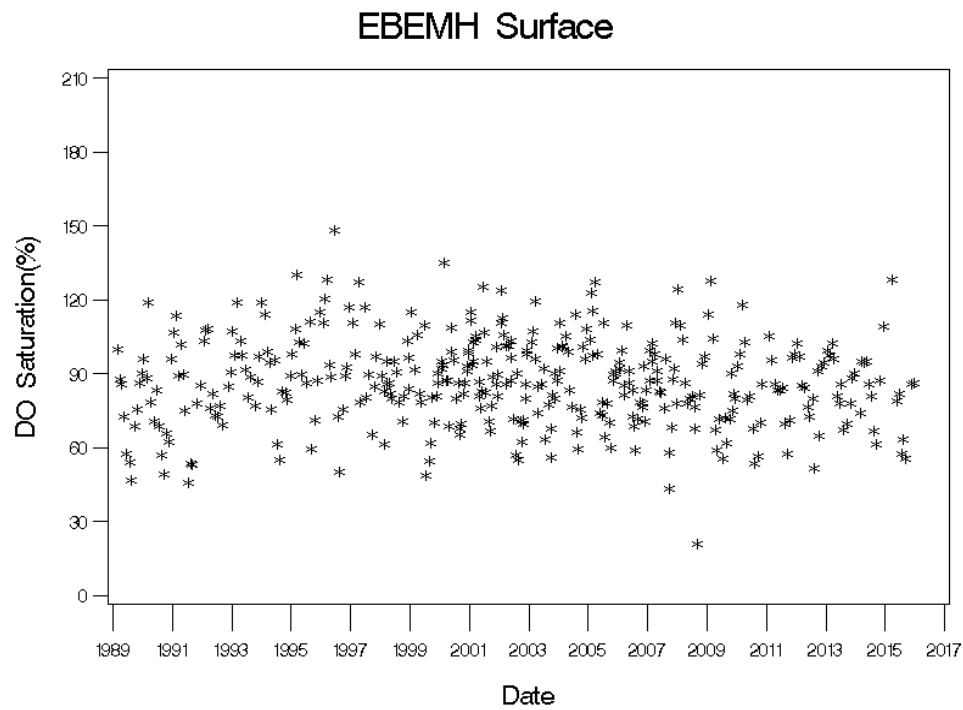


Figure 31. Scatterplot of surface DO saturation at segment EBEMH during the period 1985 to 2015.

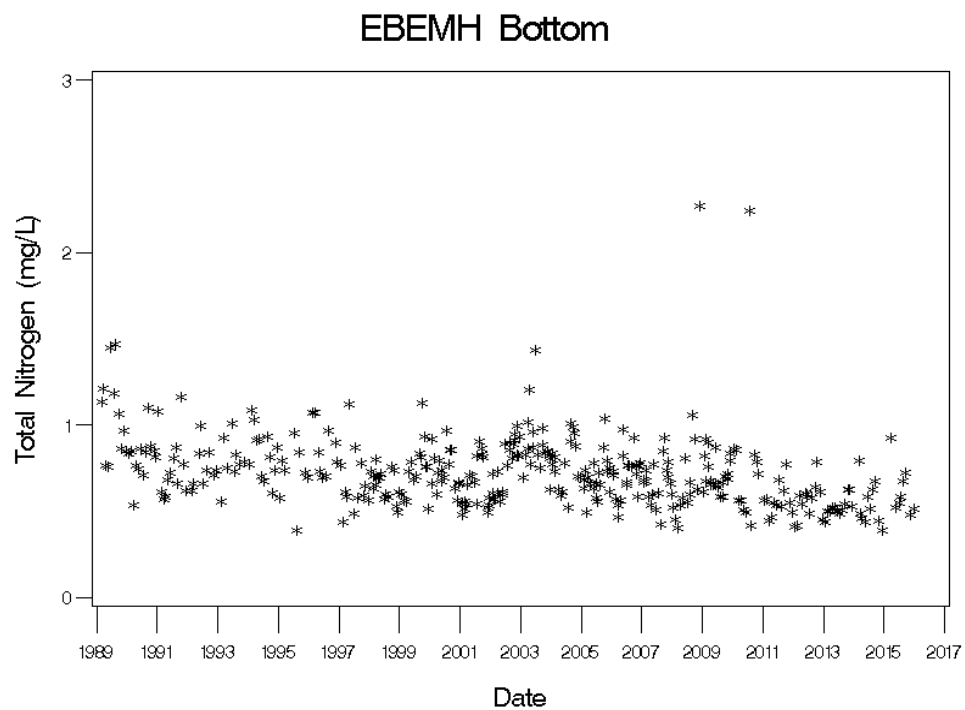


Figure 32. Scatterplots of bottom total nitrogen at segment EBEMH during the period of 1989 to 2015.

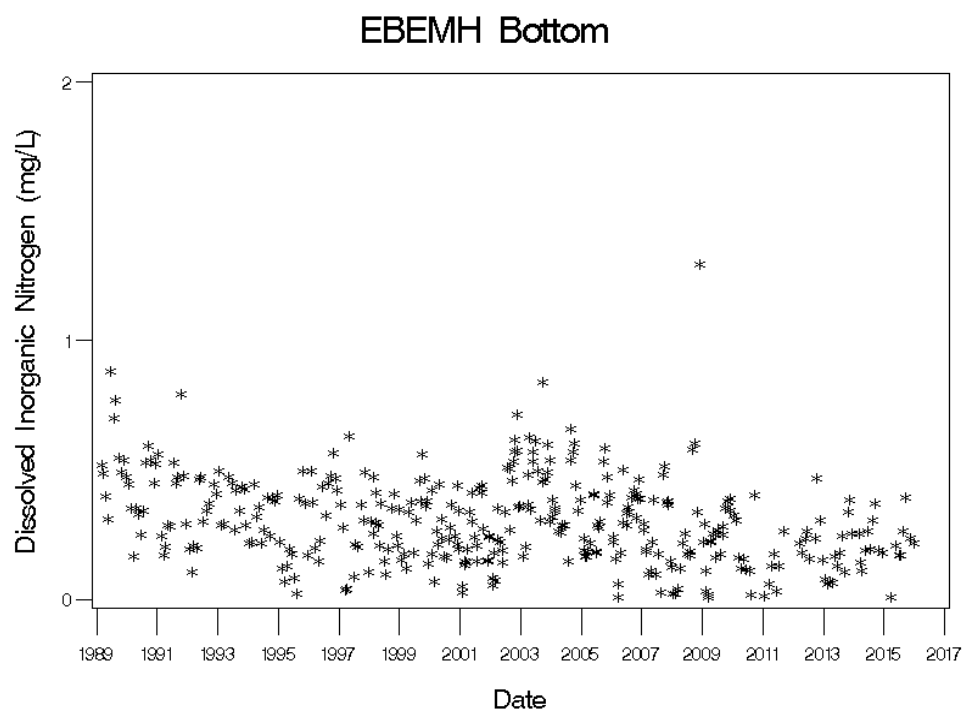


Figure 33. Scatterplots of bottom dissolved inorganic nitrogen at segment EBEMH during the period of 1989 to 2015.

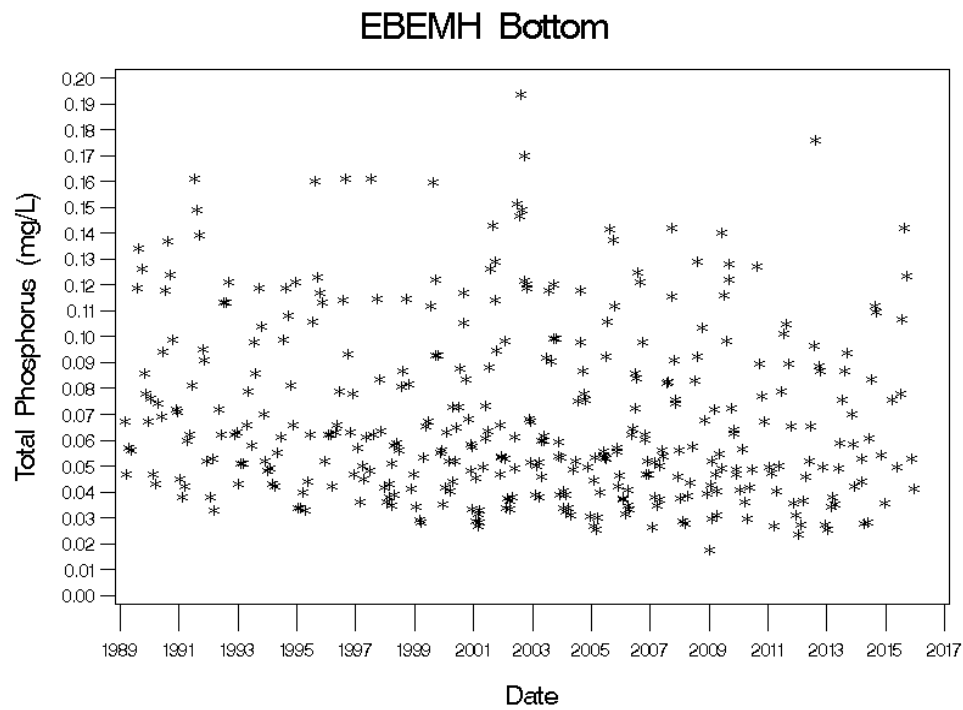


Figure 34. Scatterplots of bottom total phosphorus at segment EBEMH during the period of 1989 to 2015.

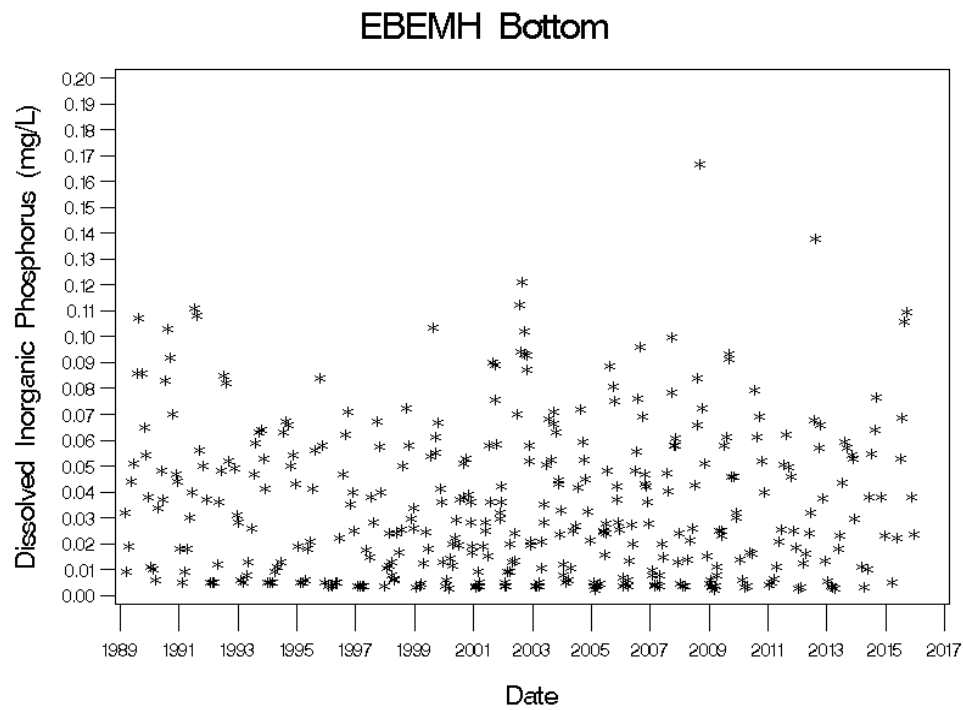


Figure 35. Scatterplots of bottom dissolved inorganic phosphorus at segment EBEMH during the period of 1989 to 2015.

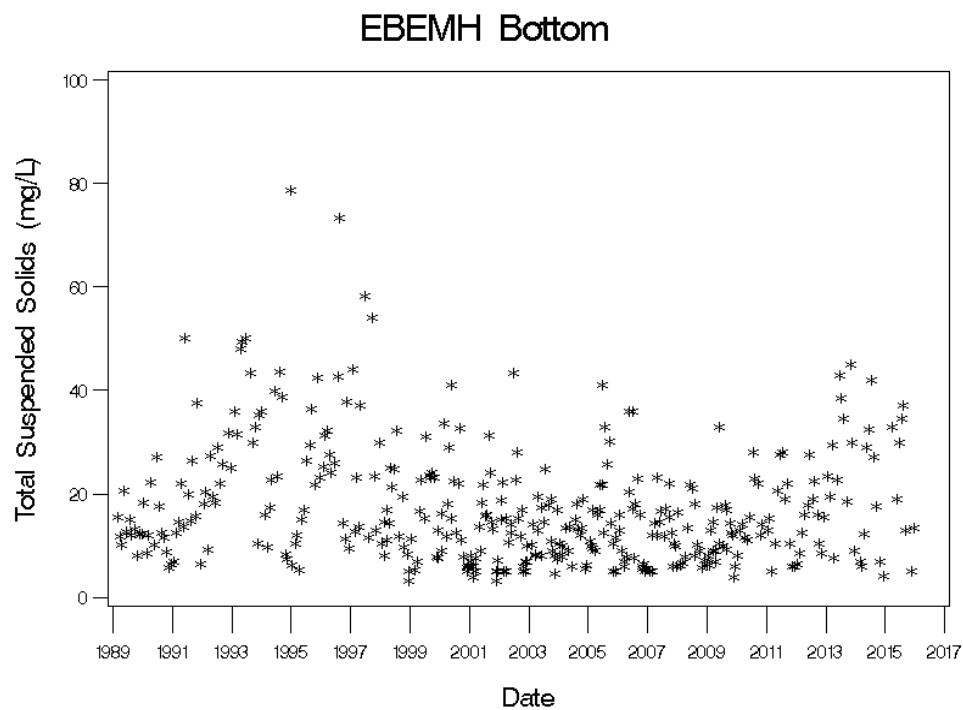


Figure 36. Scatterplot of bottom total suspended solids at segment EBEMH during the period 1985 to 2015.

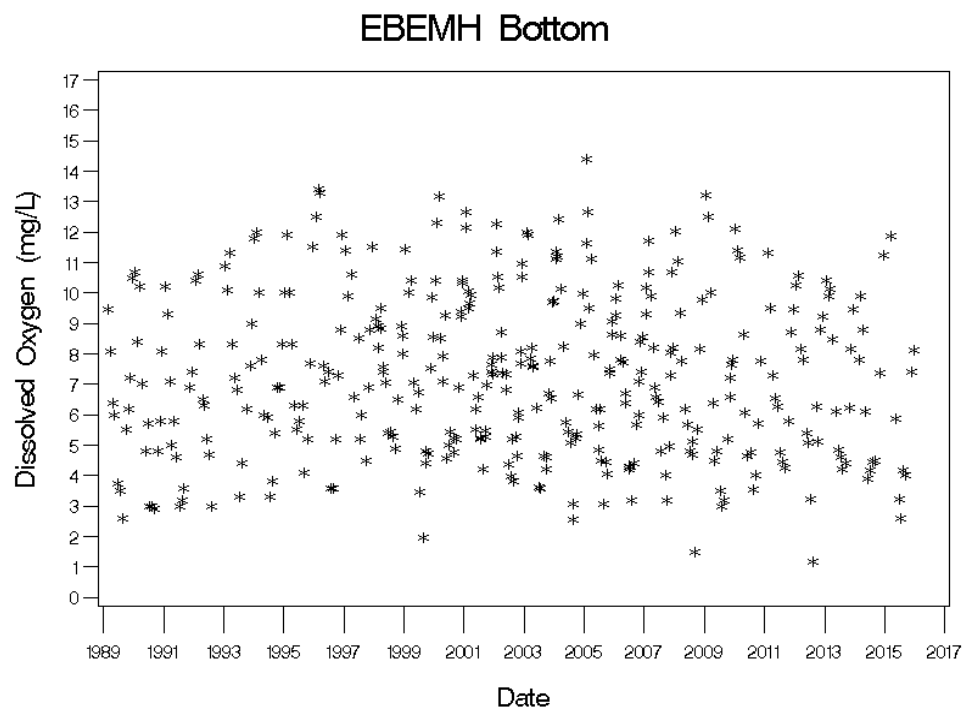


Figure 37. Scatterplot of bottom dissolved oxygen at segment EBEMH during the period 1985 to 2015.

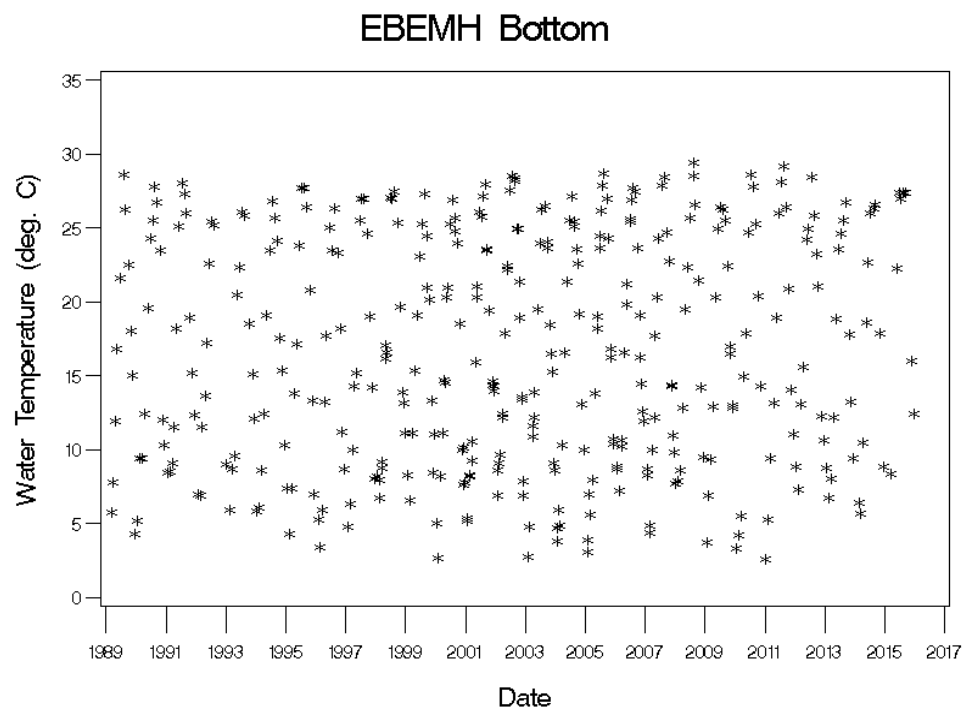


Figure 38. Scatterplot of bottom water temperature at segment EBEMH during the period 1985 to 2015.

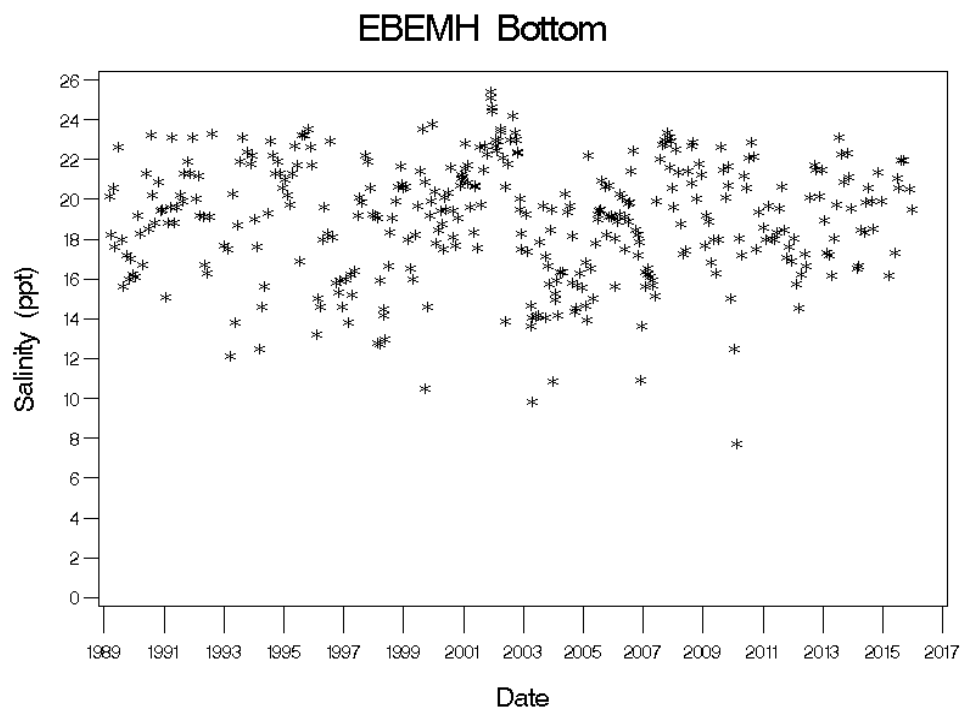


Figure 39. Scatterplot of bottom salinity at segment EBEMH during the period 1985 to 2015.

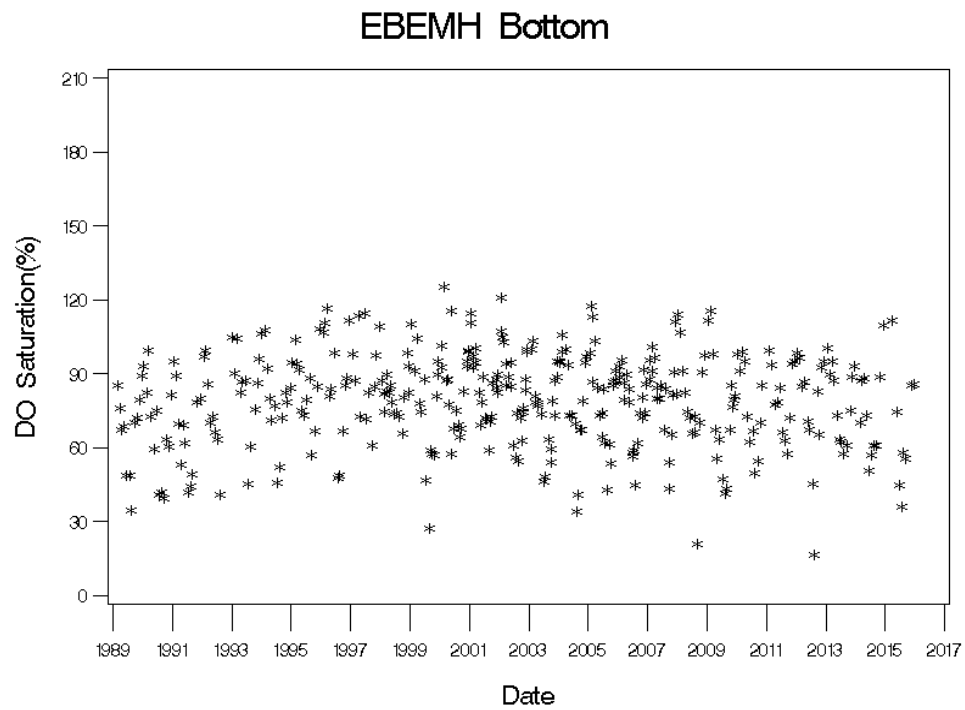


Figure 40. Scatterplot of bottom DO saturation at segment EBEMH during the period 1985 to 2015.

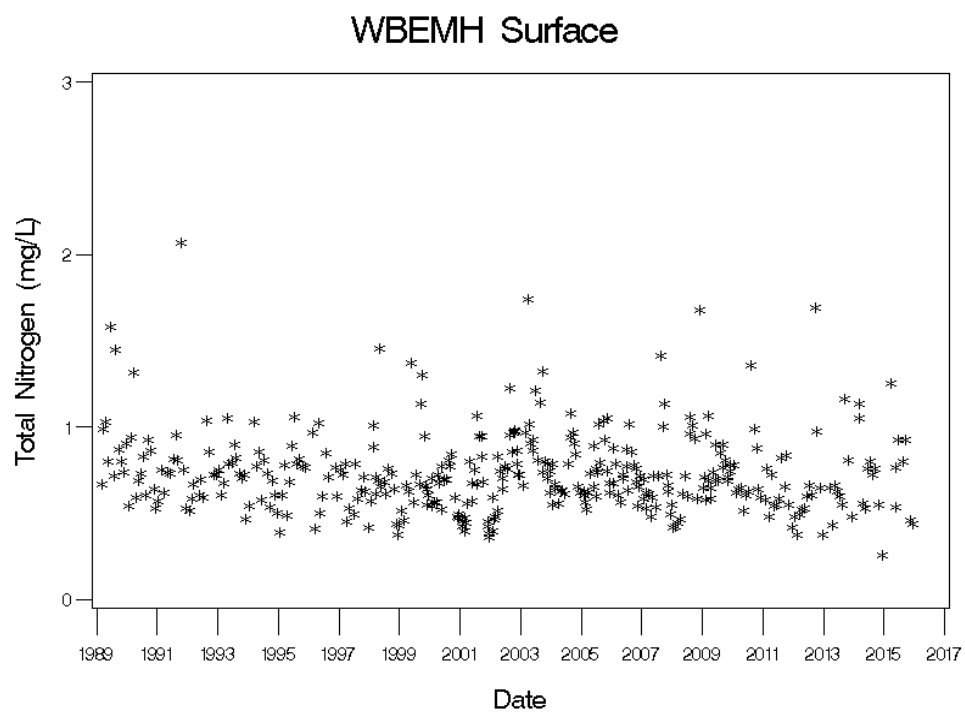


Figure 41. Scatterplots of surface total nitrogen at segment WBEMH during the period of 1989 to 2015.

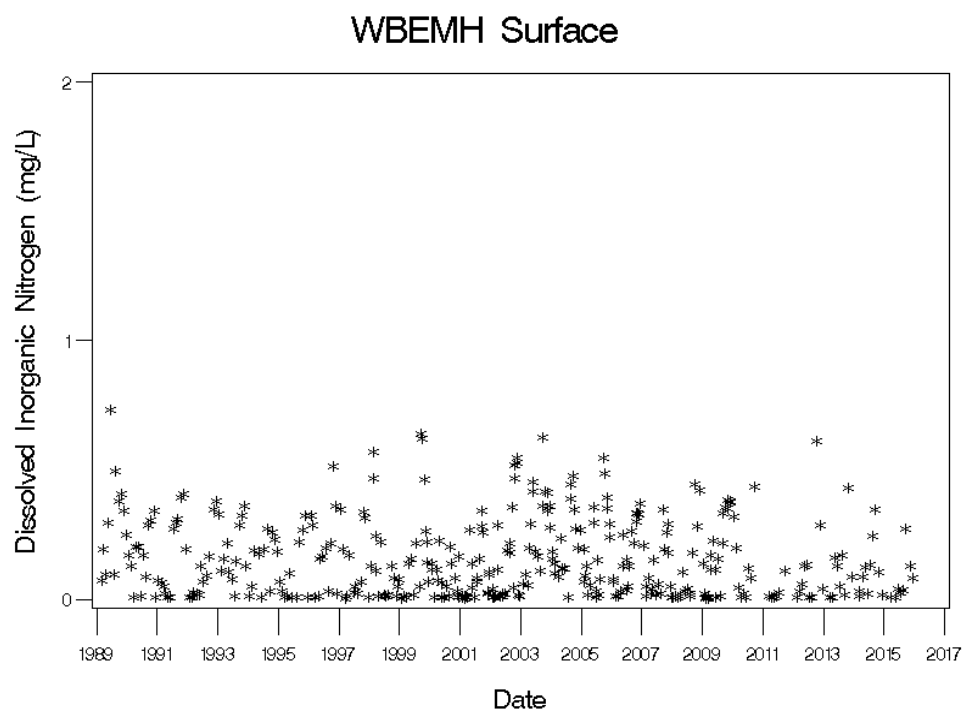


Figure 42. Scatterplots of surface dissolved inorganic nitrogen at segment WBEMH during the period of 1989 to 2015.

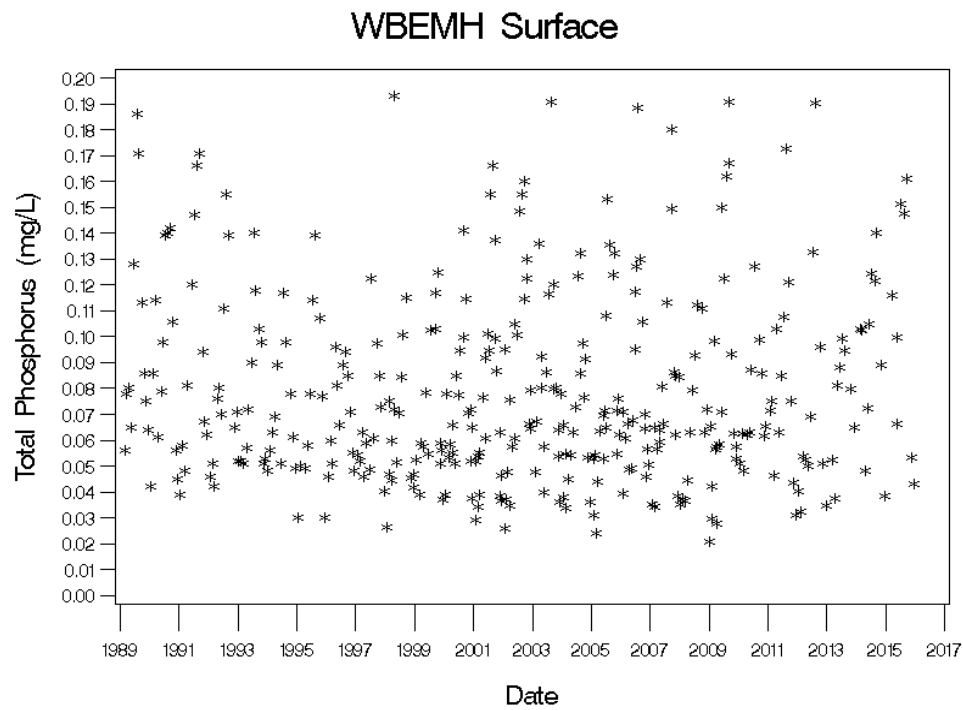


Figure 43. Scatterplots of surface total phosphorus at segment WBEMH during the period of 1989 to 2015.

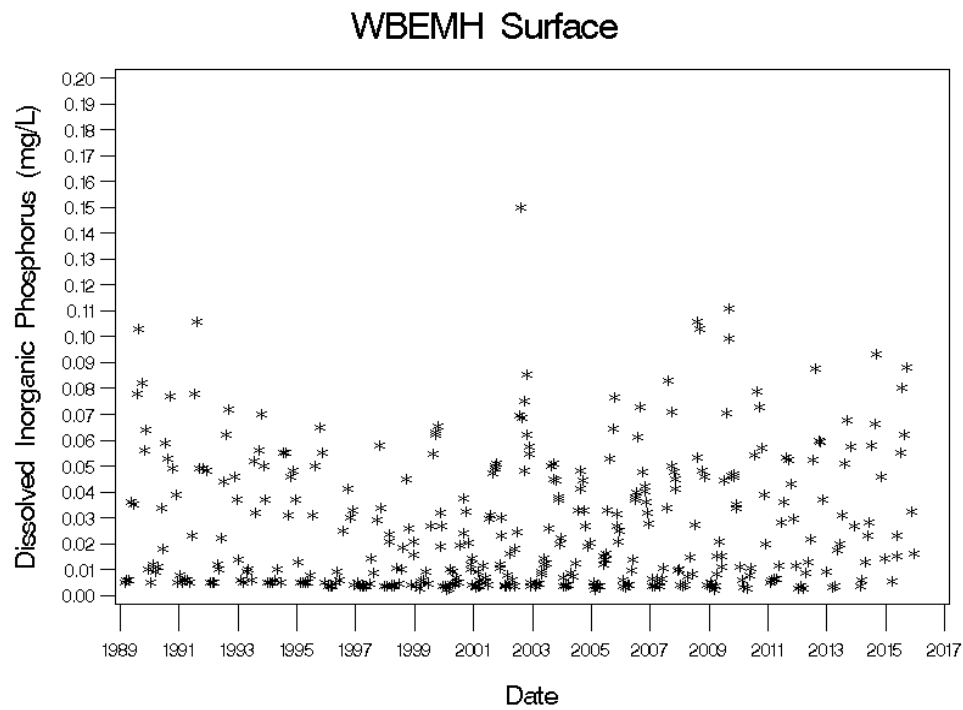


Figure 44. Scatterplots of surface dissolved inorganic phosphorus at segment WBEMH during the period of 1989 to 2015.

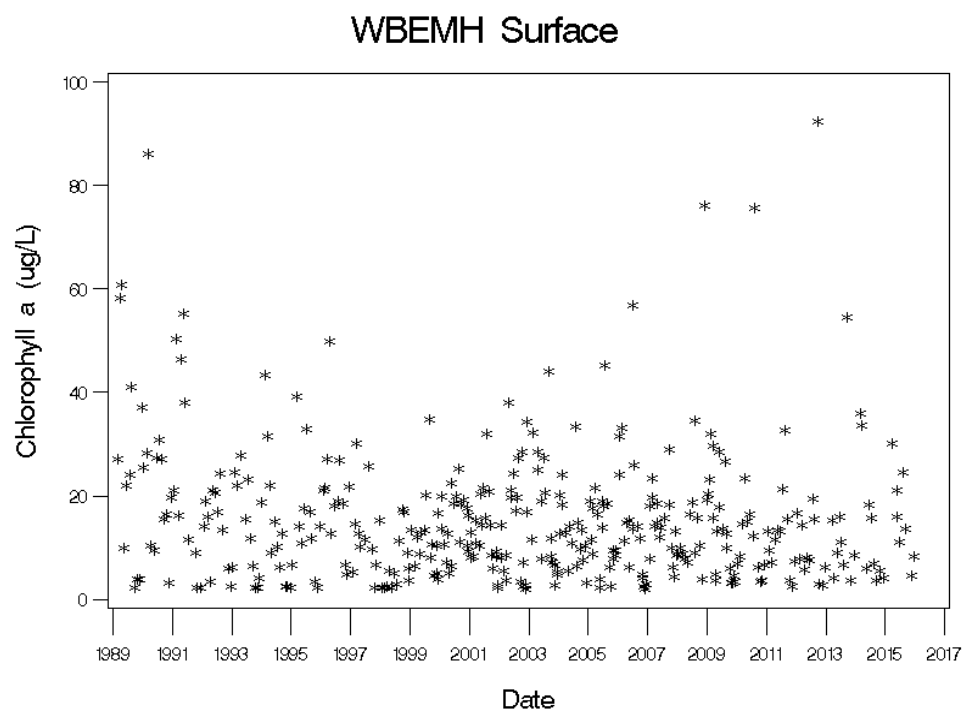


Figure 45. Scatterplot of surface chlorophyll a at segment WBEMH during the period 1985 to 2015.

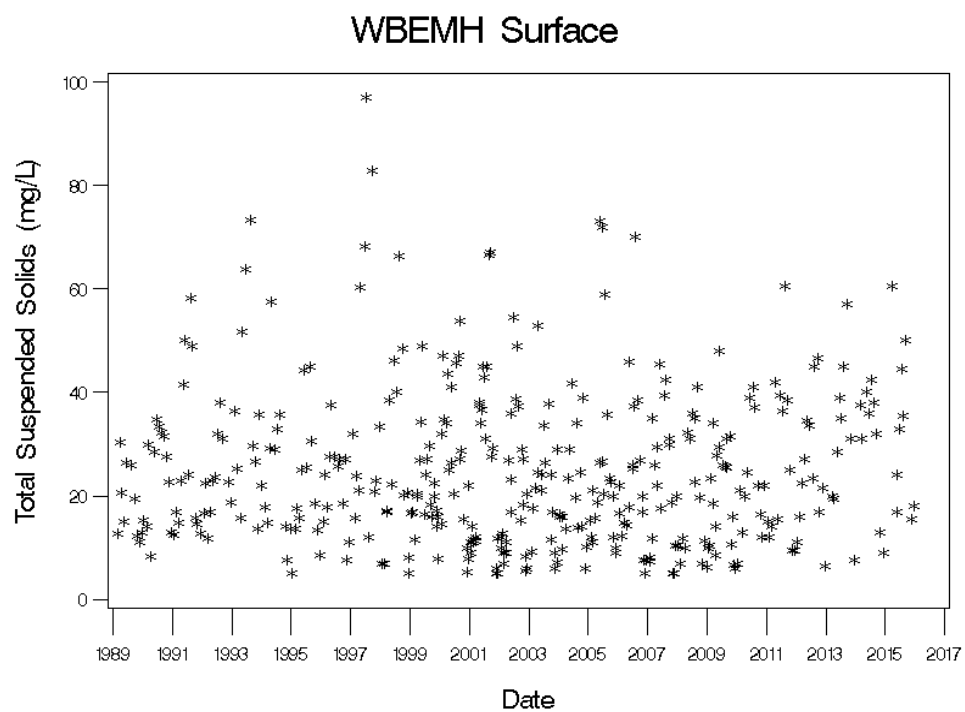


Figure 46. Scatterplot of surface total suspended solids at segment WBEMH during the period 1985 to 2015.

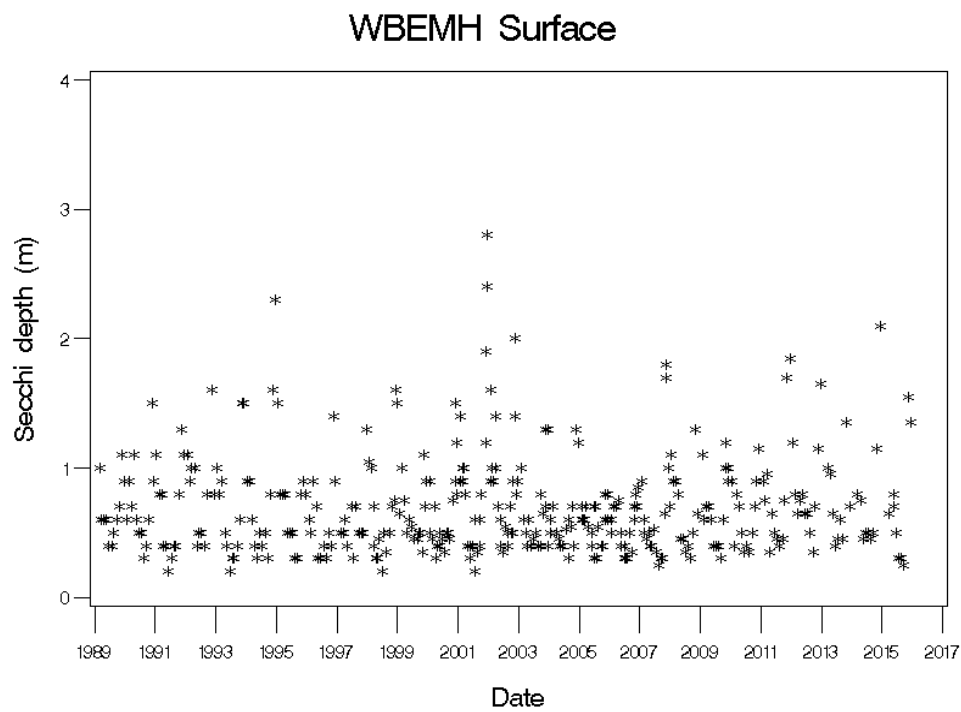


Figure 47. Scatterplot of secchi depth at segment WBEMH during the period 1989 through 2015.

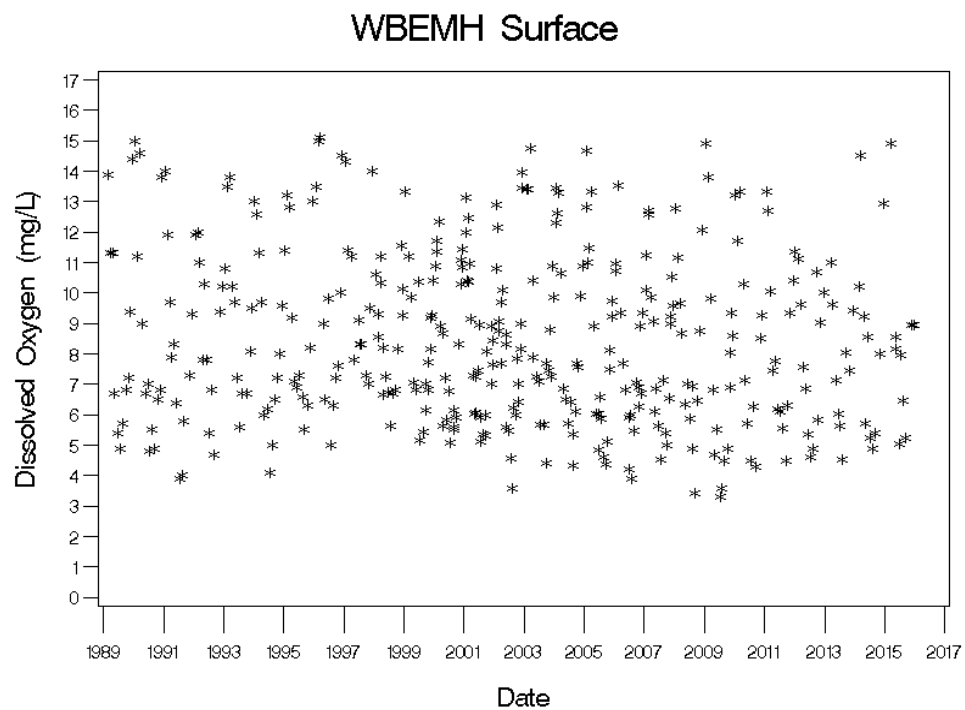


Figure 48. Scatterplot of surface dissolved oxygen at segment WBEMH during the period 1985 to 2015.

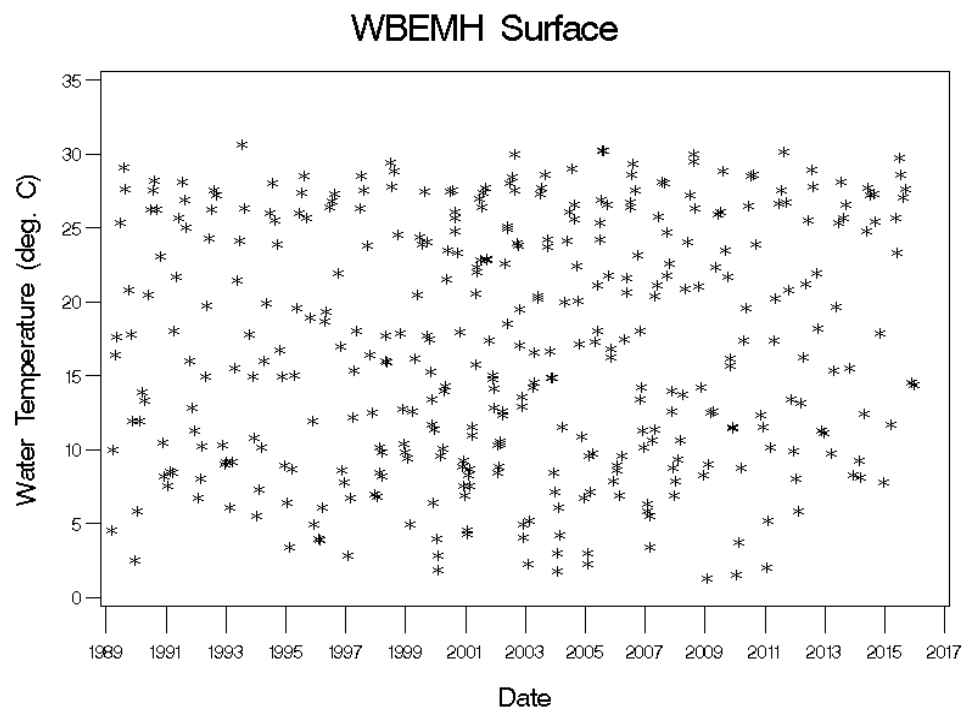


Figure 49. Scatterplot of surface water temperature at segment WBEMH during the period 1985 to 2015.

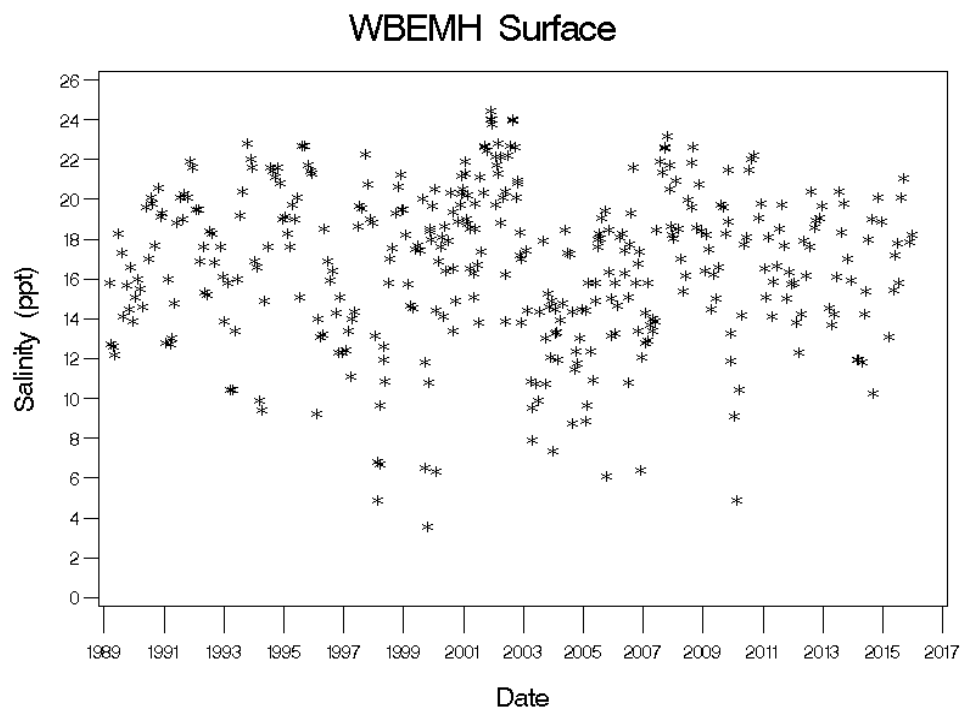


Figure 50. Scatterplot of surface salinity at segment WBEMH during the period 1985 to 2015.

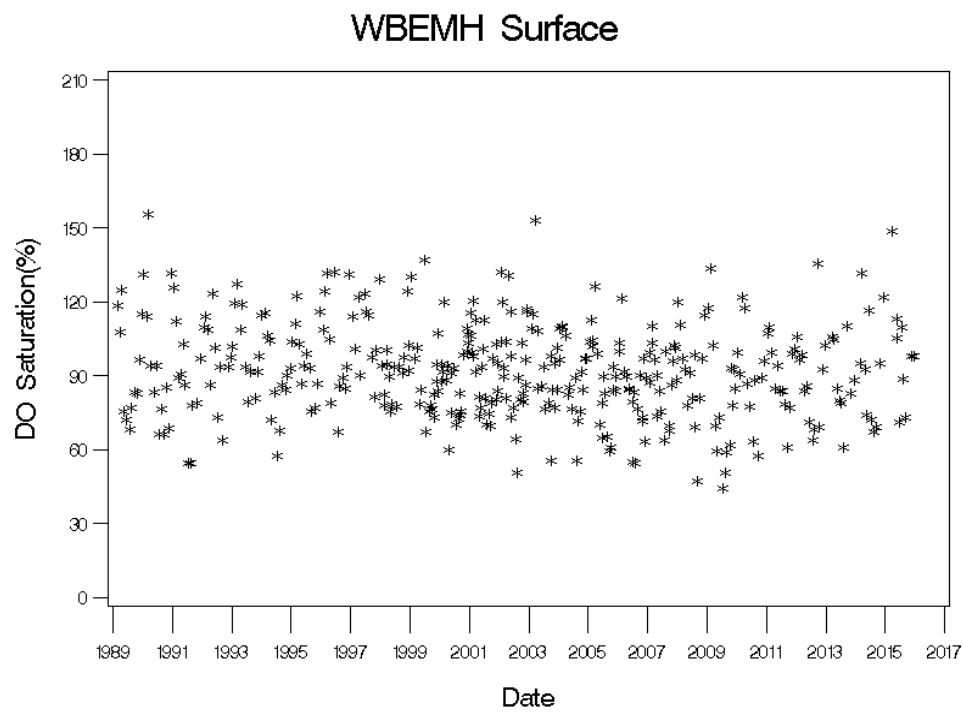


Figure 51. Scatterplot of surface DO saturation at segment WBEMH during the period 1985 to 2015.

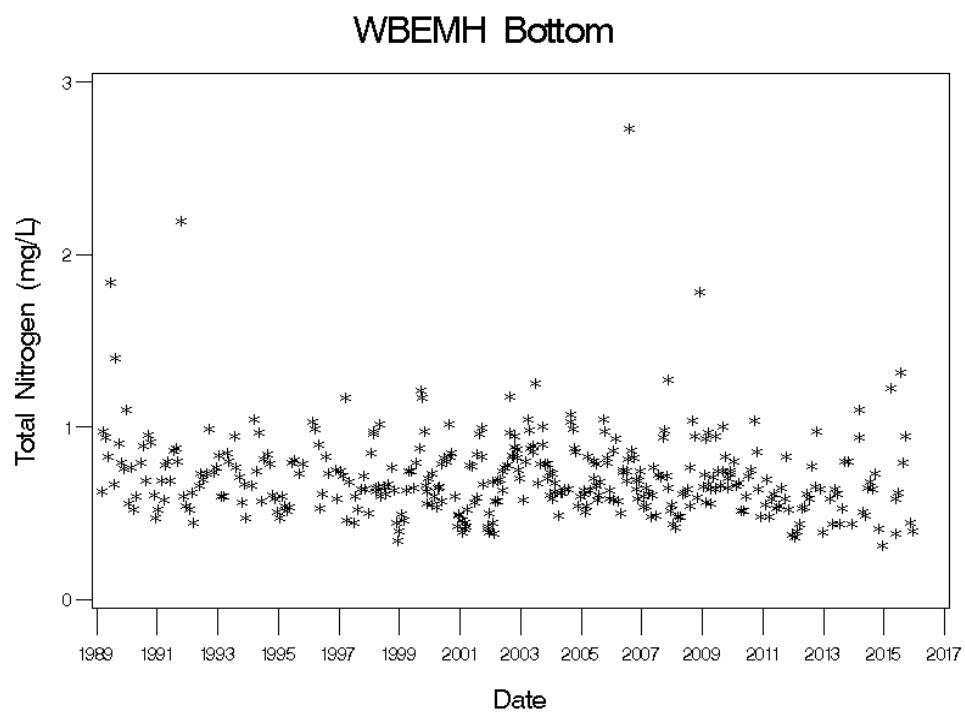


Figure 52. Scatterplots of bottom total nitrogen at segment WBEMH during the period of 1989 to 2015.

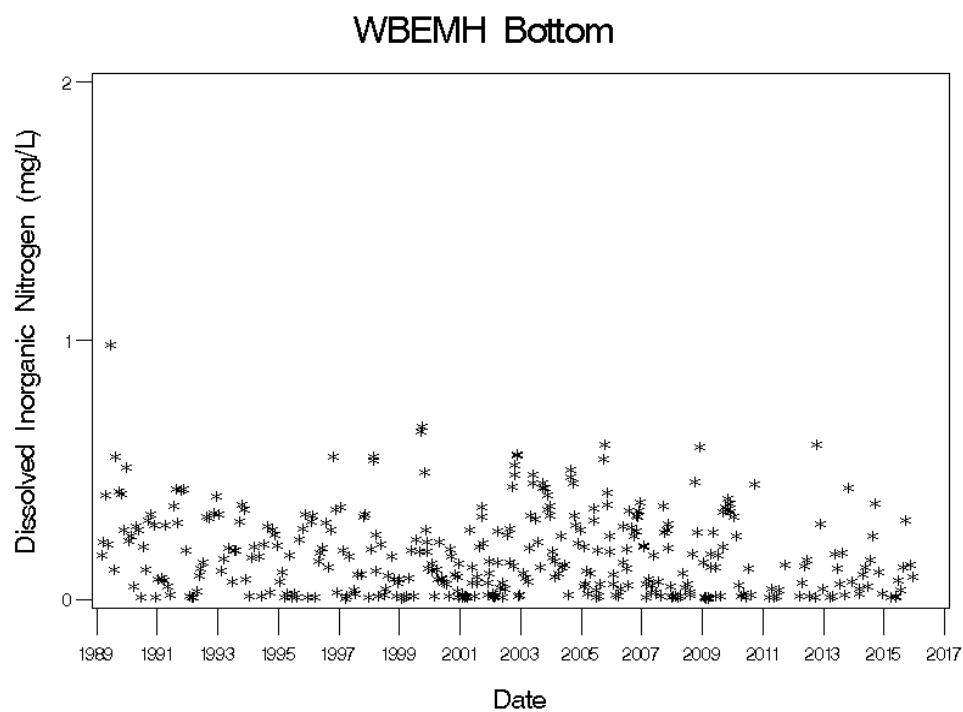


Figure 53. Scatterplots of bottom dissolved inorganic nitrogen at segment WBEMH during the period of 1989 to 2015.

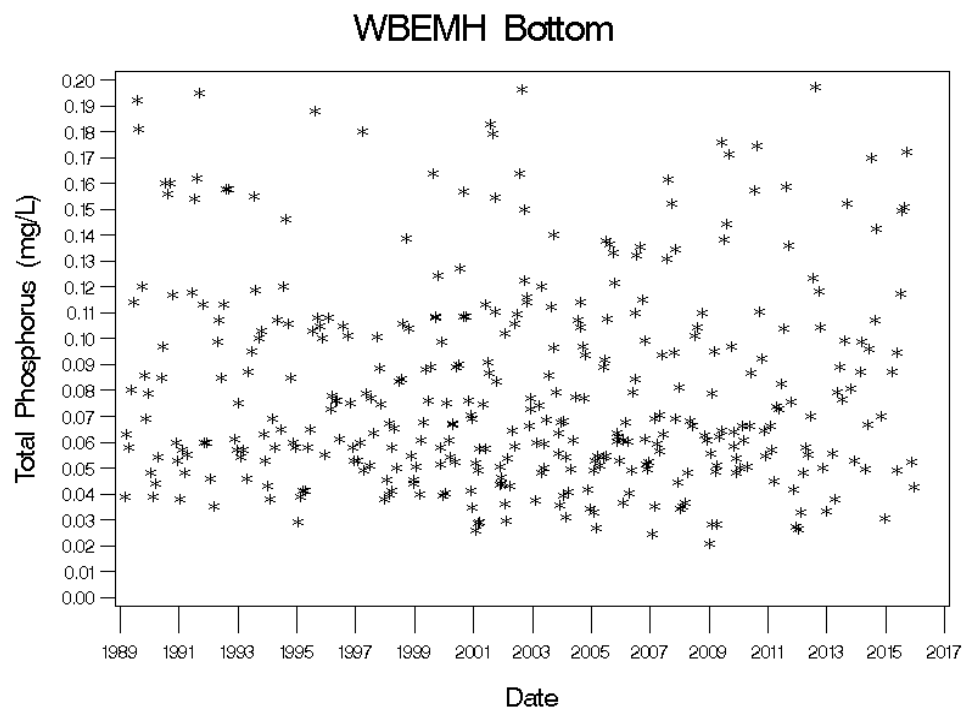


Figure 54. Scatterplots of bottom total phosphorus at segment WBEMH during the period of 1989 to 2015.

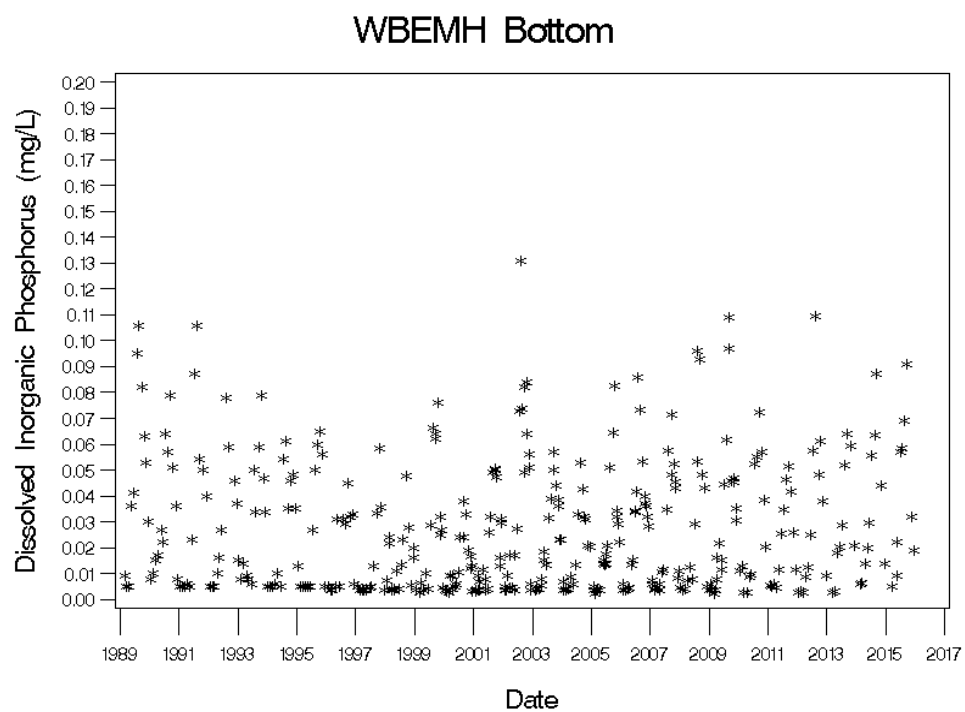


Figure 55. Scatterplots of bottom dissolved inorganic phosphorus at segment WBEMH during the period of 1989 to 2015.

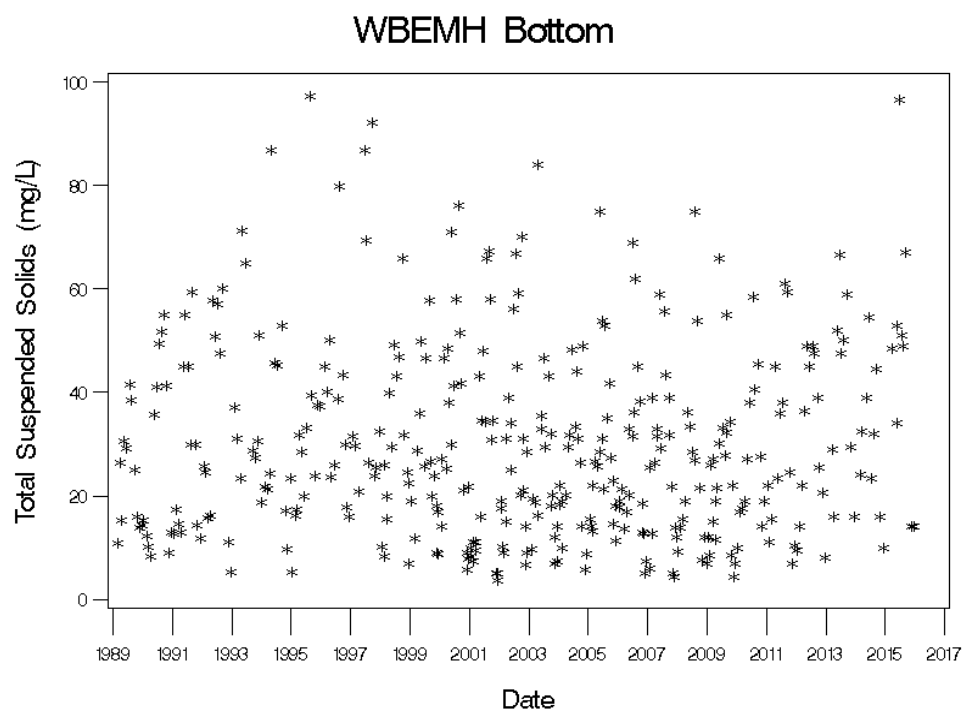


Figure 56. Scatterplot of bottom total suspended solids at segment WBEMH during the period 1985 to 2015.

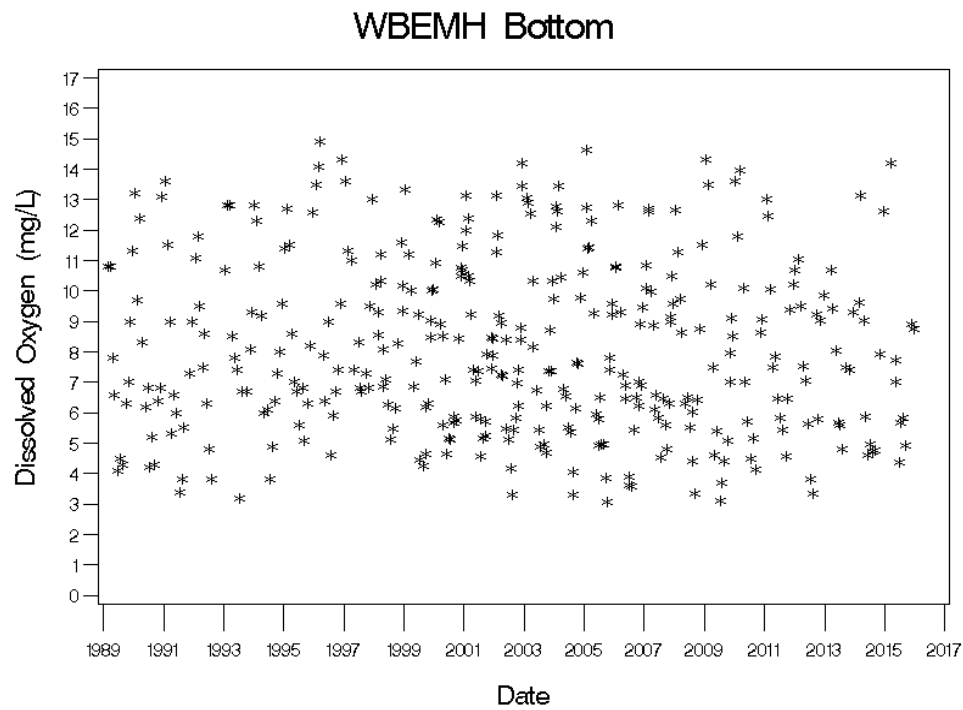


Figure 57. Scatterplot of bottom dissolved oxygen at segment WBEMH during the period 1985 to 2015.

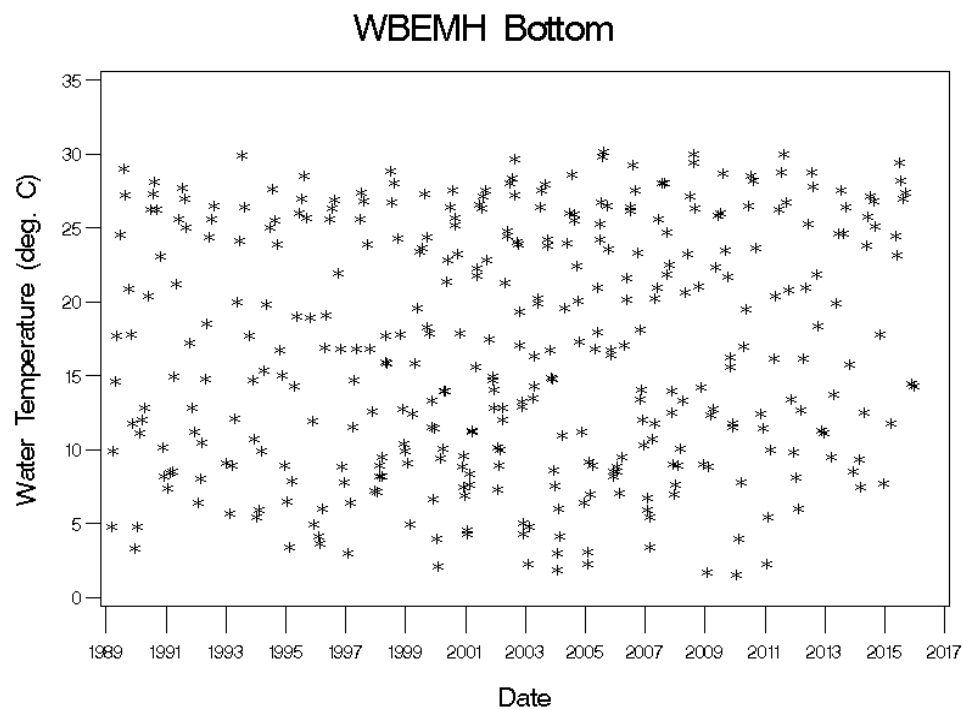


Figure 58. Scatterplot of bottom water temperature at segment WBEMH during the period 1985 to 2015.

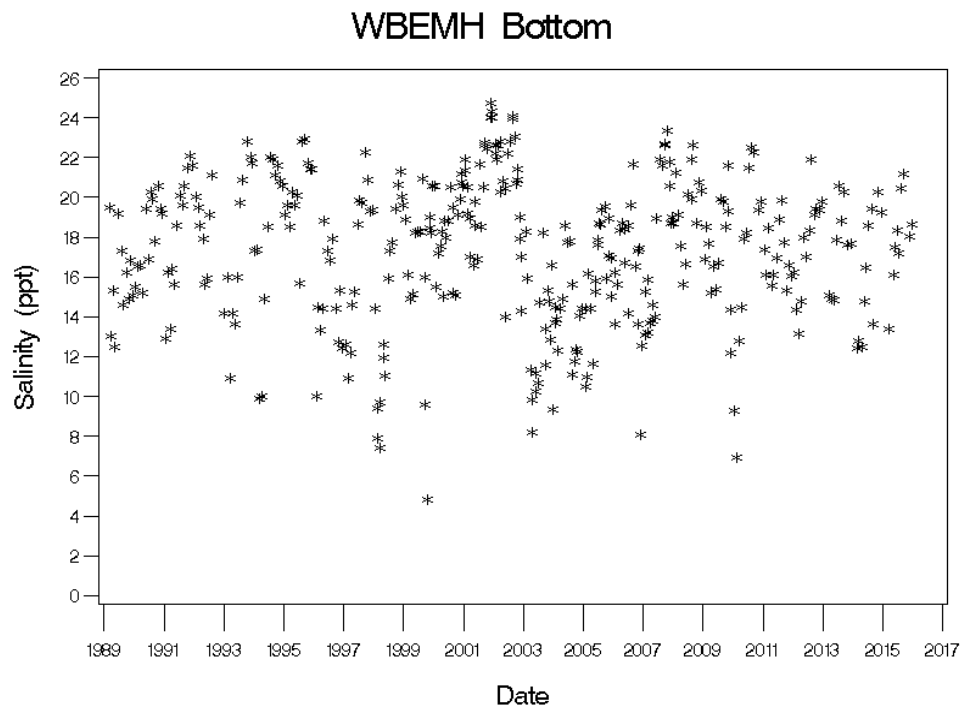


Figure 59. Scatterplot of bottom salinity at segment WBEMH during the period 1985 to 2015.

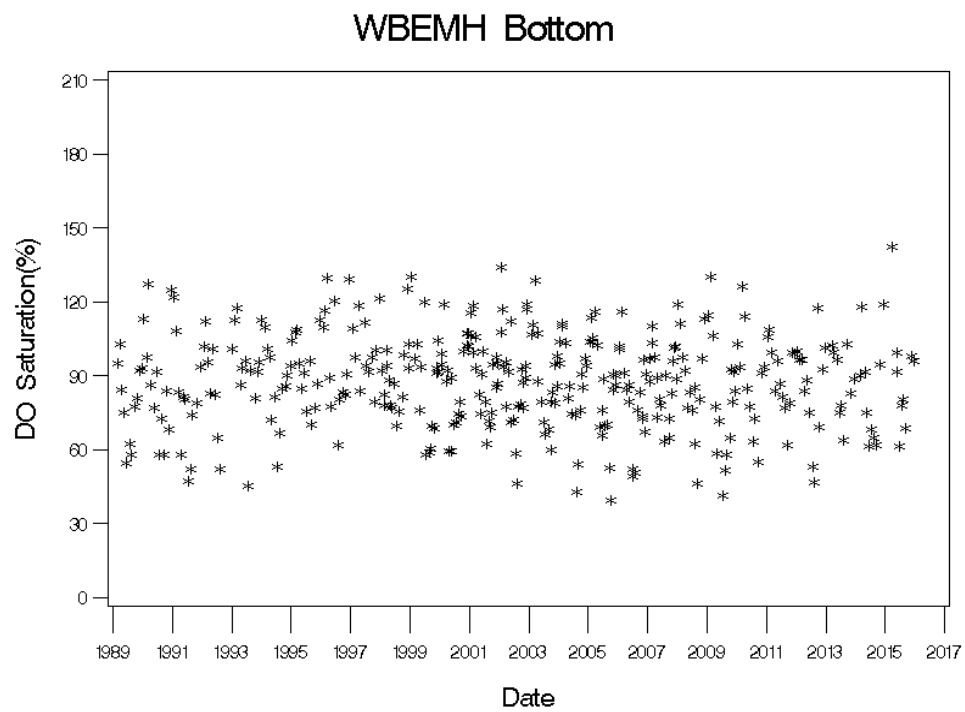


Figure 60. Scatterplot of bottom DO saturation at segment WBEMH during the period 1985 to 2015.

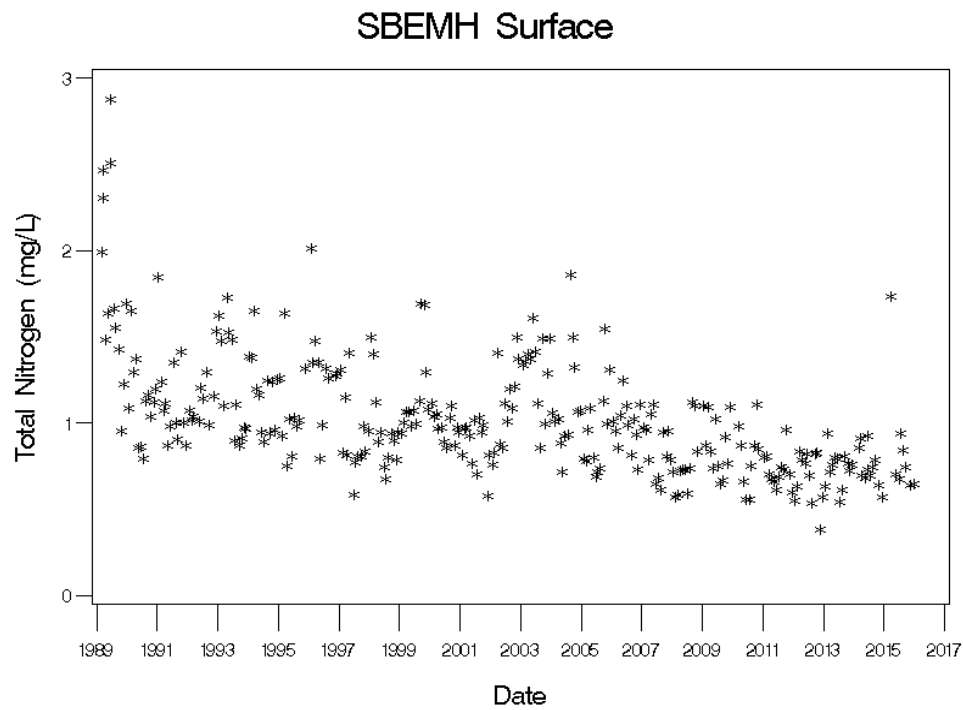


Figure 61. Scatterplots of surface total nitrogen at segment SBEMH during the period of 1989 to 2015.

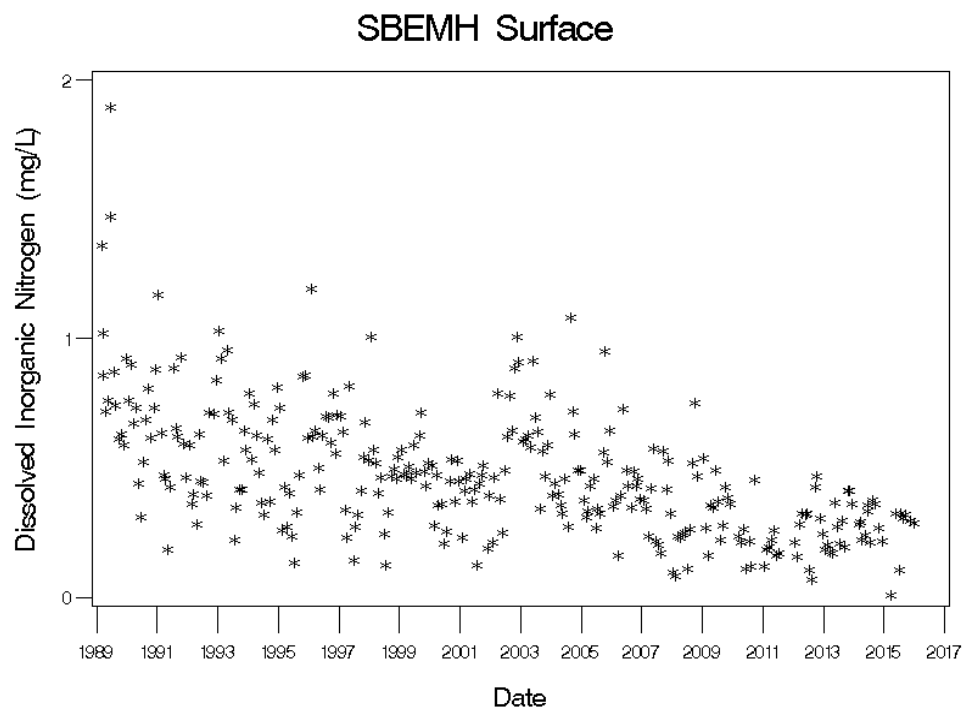


Figure 62. Scatterplots of surface dissolved inorganic nitrogen at segment SBEMH during the period of 1989 to 2015.

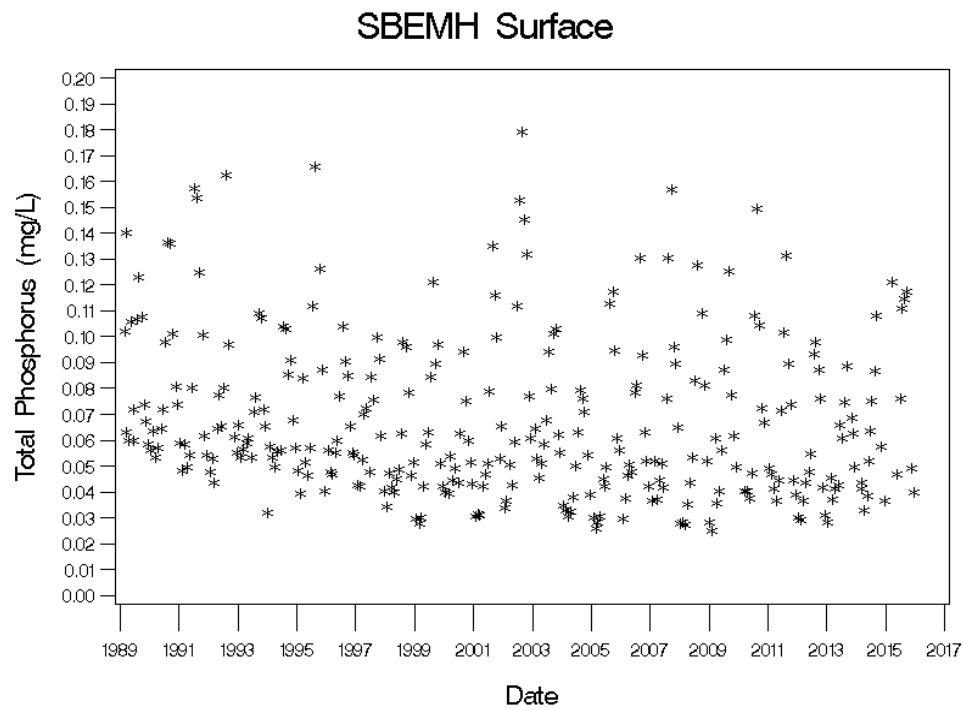


Figure 63. Scatterplots of surface total phosphorus at segment SBEMH during the period of 1989 to 2015.

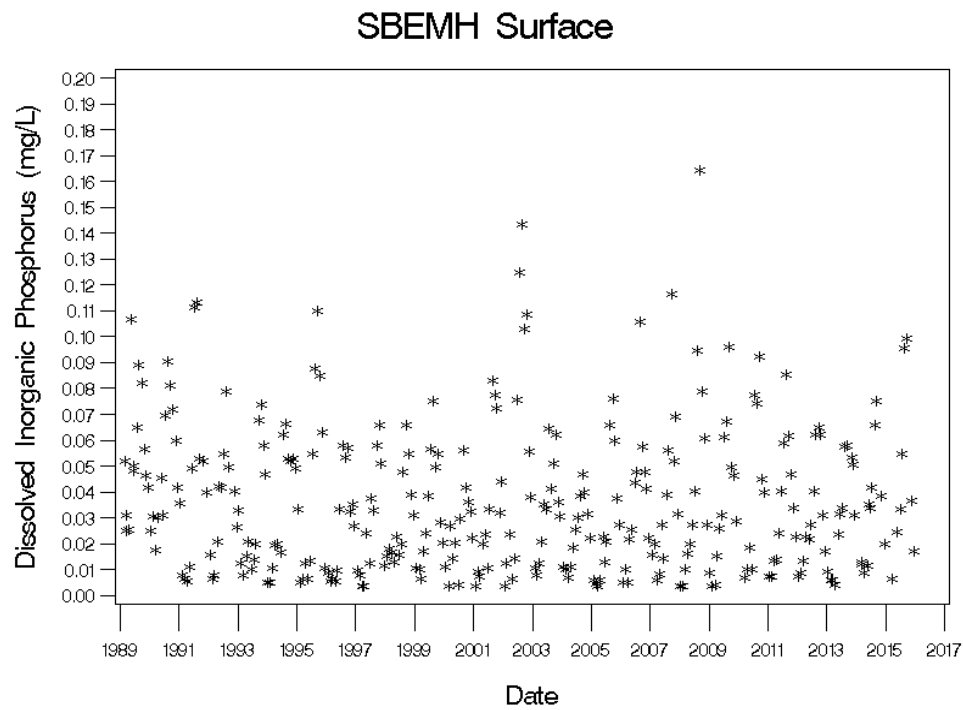


Figure 64. Scatterplots of surface dissolved inorganic phosphorus at segment SBEMH during the period of 1989 to 2015.

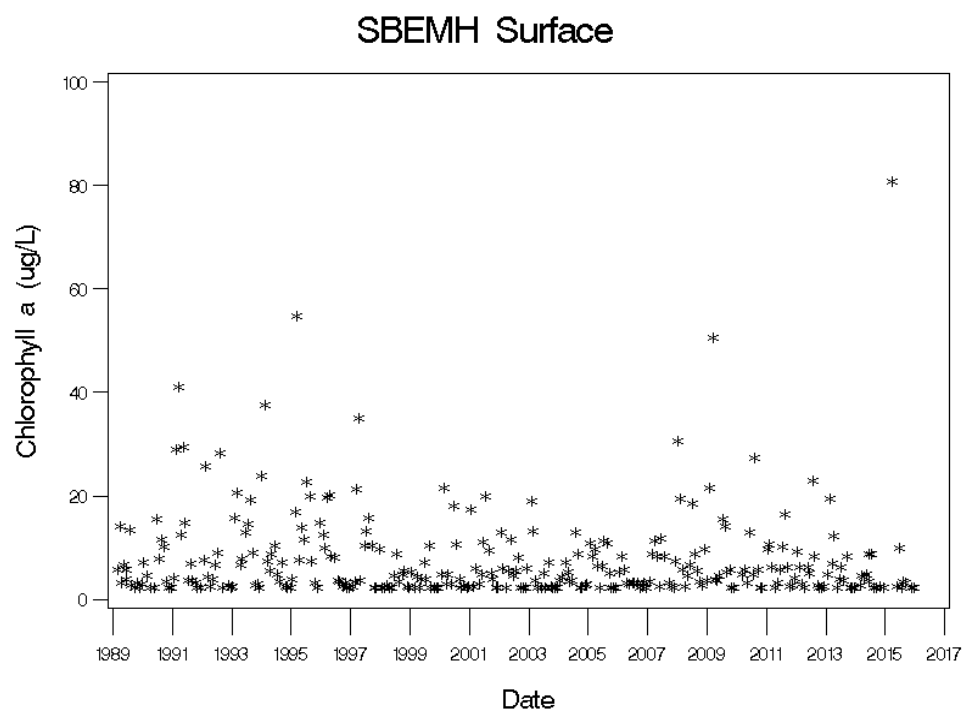


Figure 65. Scatterplot of surface chlorophyll a at segment SBEMH during the period 1985 to 2015.

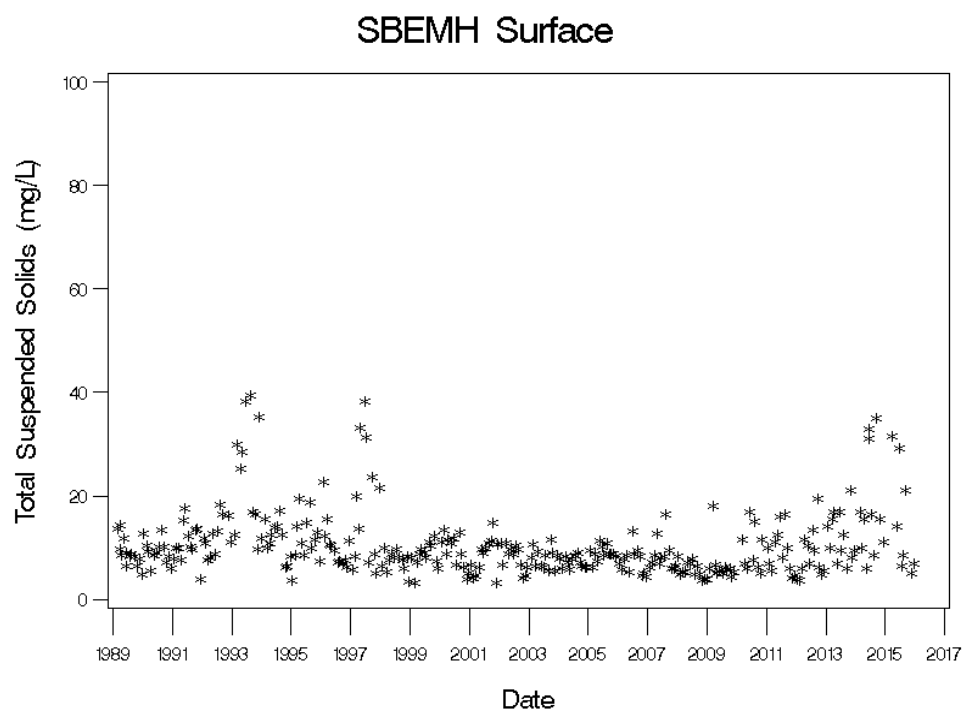


Figure 66. Scatterplot of surface total suspended solids at segment SBEMH during the period 1985 to 2015.

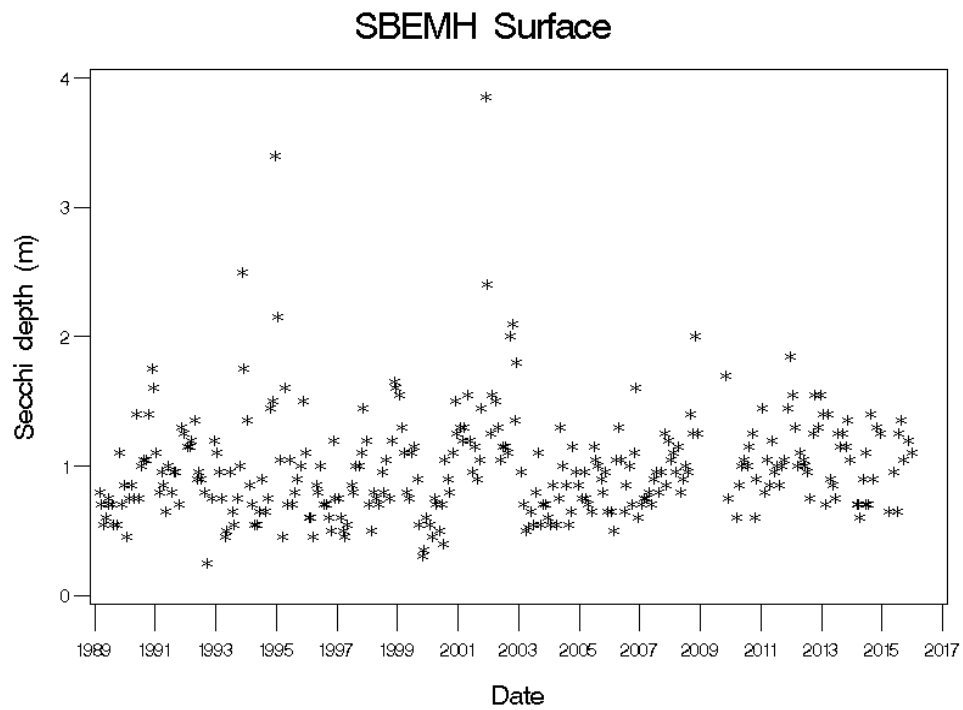


Figure 67. Scatterplot of secchi depth at segment SBEMH during the period 1989 through 2015.

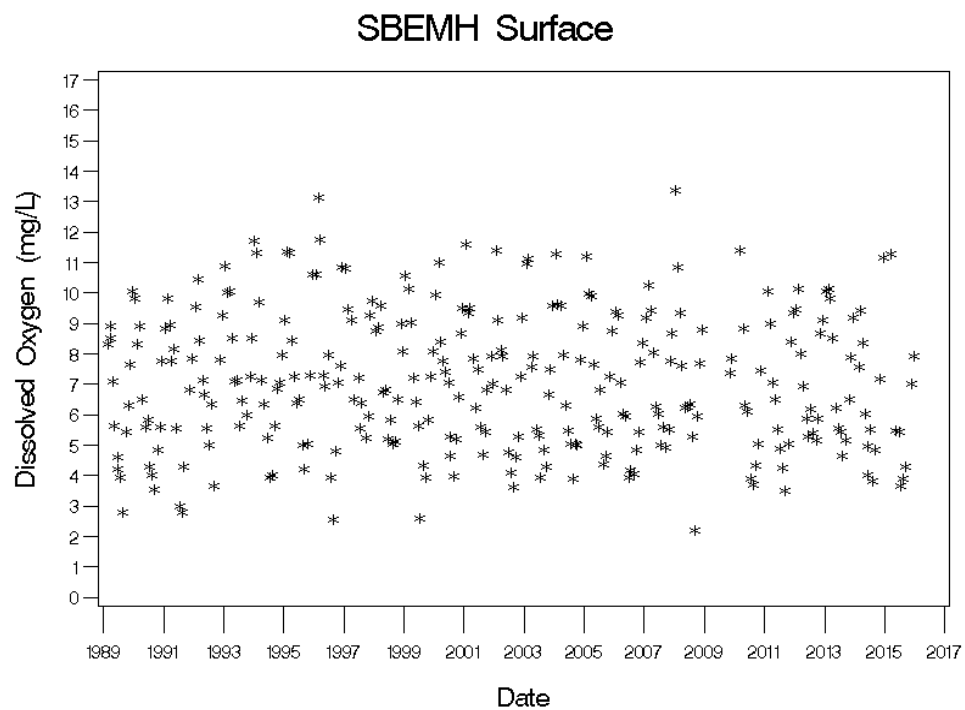


Figure 68. Scatterplot of surface dissolved oxygen at segment SBEMH during the period 1985 to 2015.

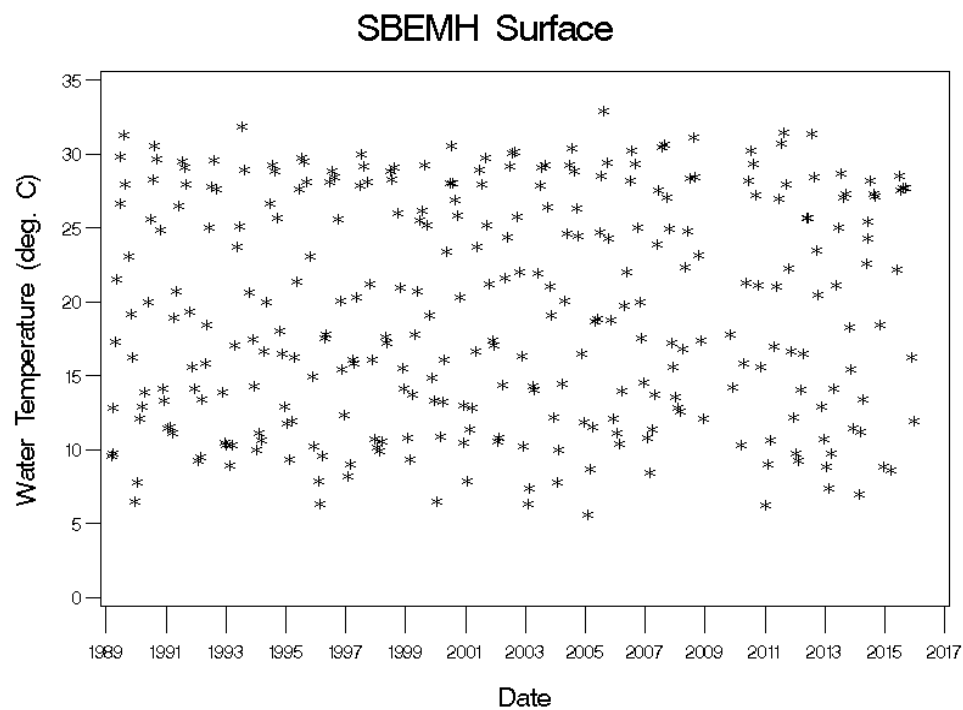


Figure 69. Scatterplot of surface water temperature at segment SBEMH during the period 1985 to 2015.

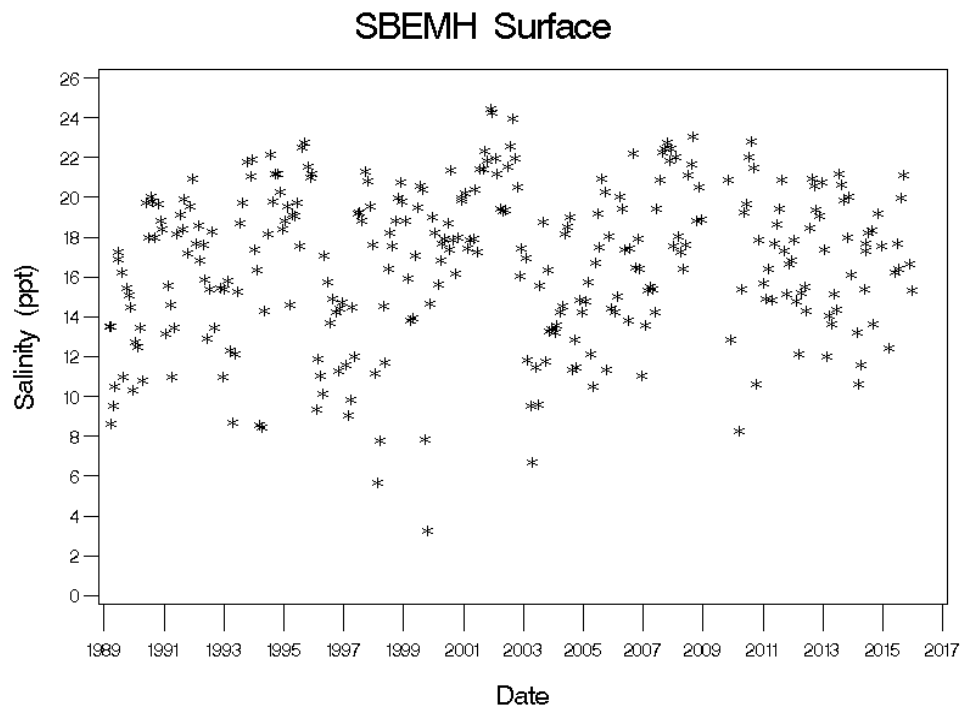


Figure 70. Scatterplot of surface salinity at segment SBEMH during the period 1985 to 2015.

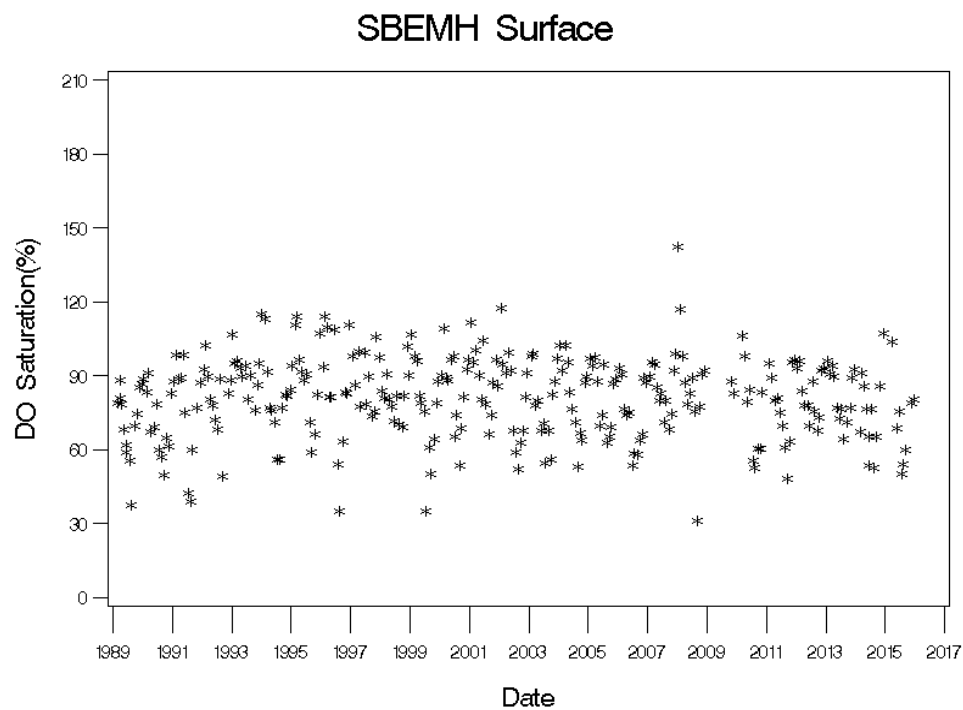


Figure 71. Scatterplot of surface DO saturation at segment SBEMH during the period 1985 to 2015.

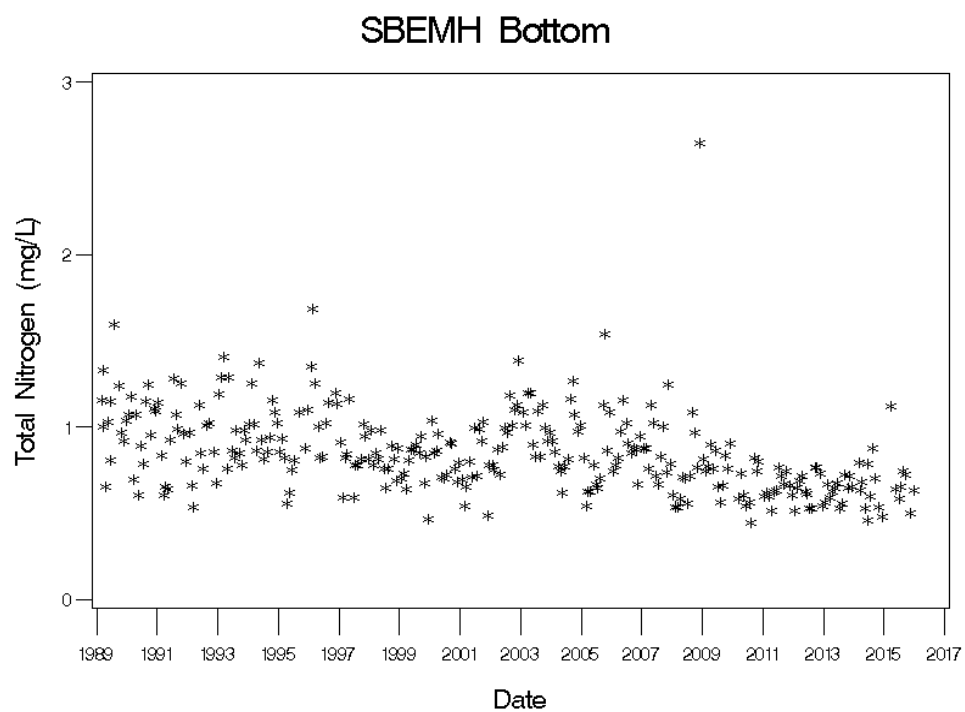


Figure 72. Scatterplots of bottom total nitrogen at segment SBEMH during the period of 1989 to 2015.

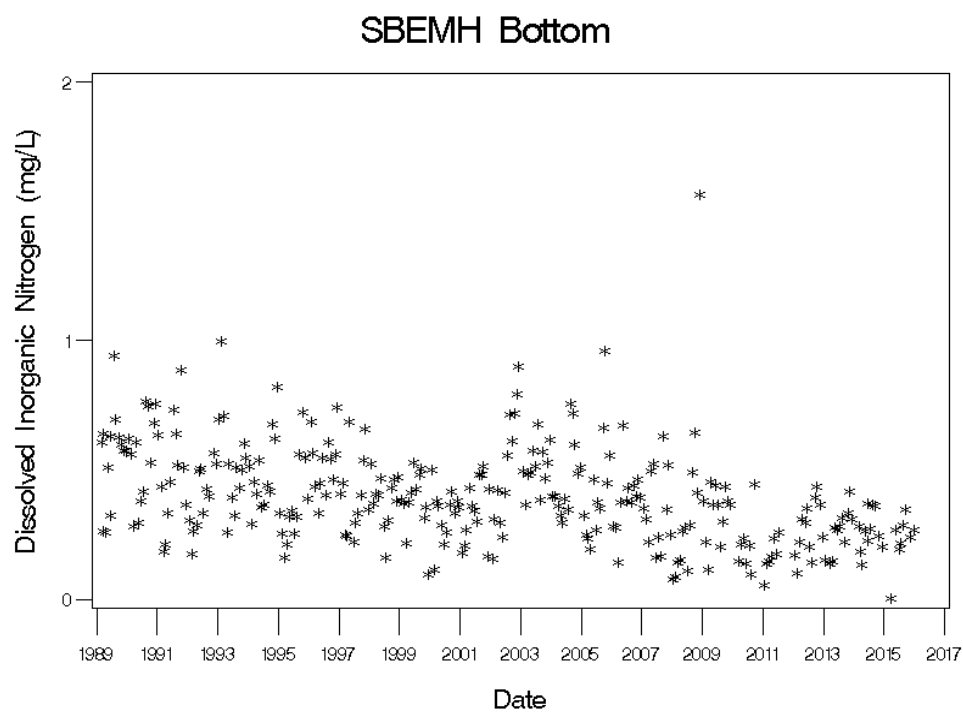


Figure 73. Scatterplots of bottom dissolved inorganic nitrogen at segment SBEMH during the period of 1989 to 2015.

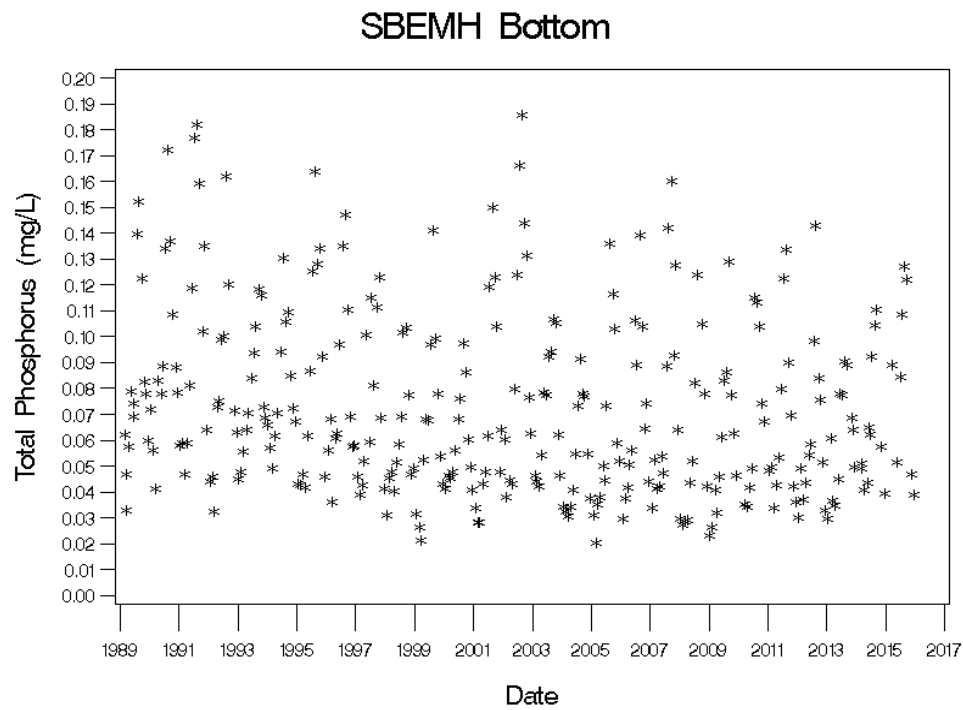


Figure 74. Scatterplots of bottom total phosphorus at segment SBEMH during the period of 1989 to 2015.

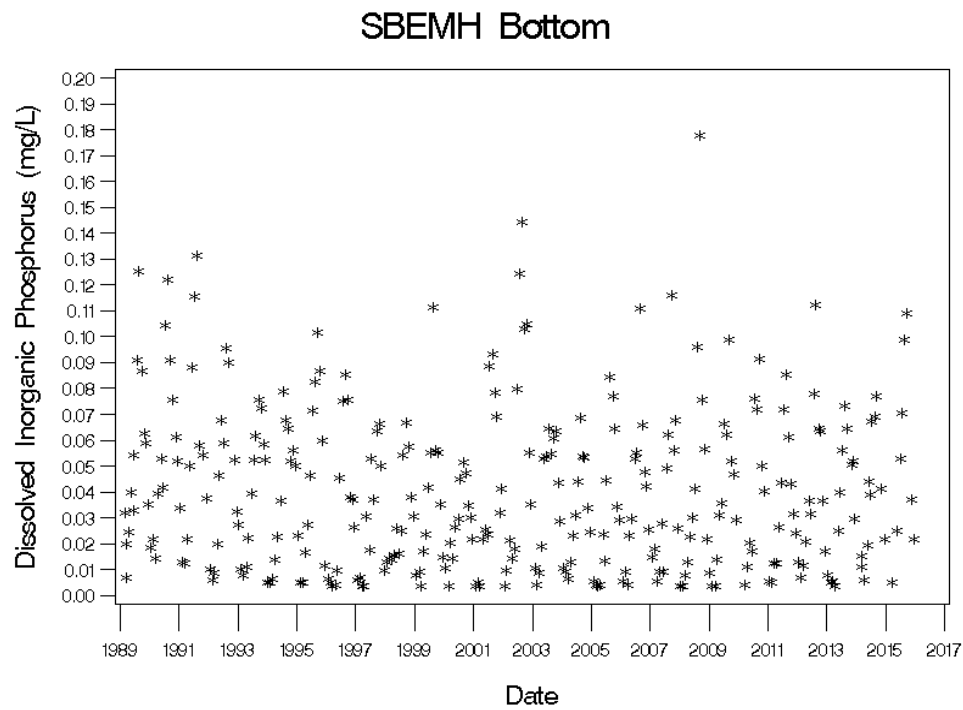


Figure 75. Scatterplots of bottom dissolved inorganic phosphorus at segment SBEMH during the period of 1989 to 2015.

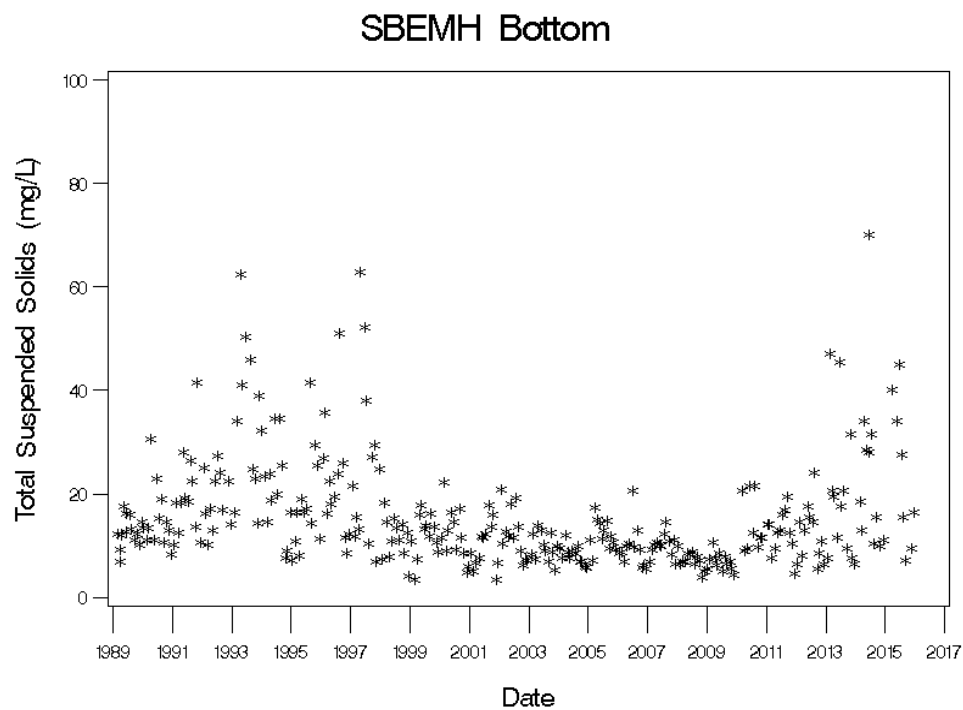


Figure 76. Scatterplot of bottom total suspended solids at segment SBEMH during the period 1985 to 2015.

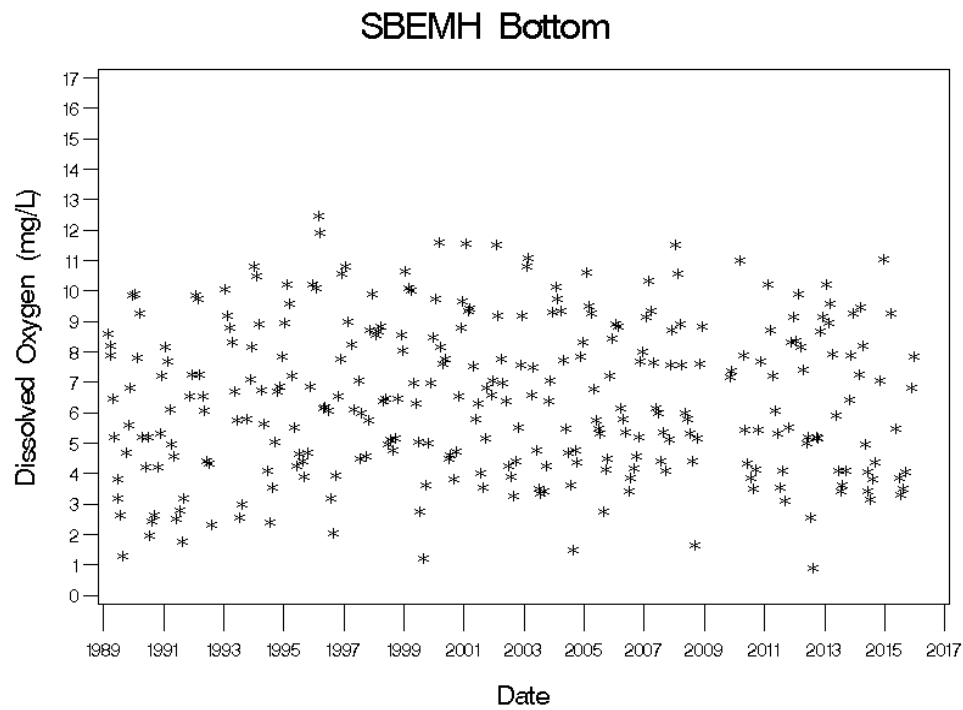


Figure 77. Scatterplot of bottom dissolved oxygen at segment SBEMH during the period 1985 to 2015.

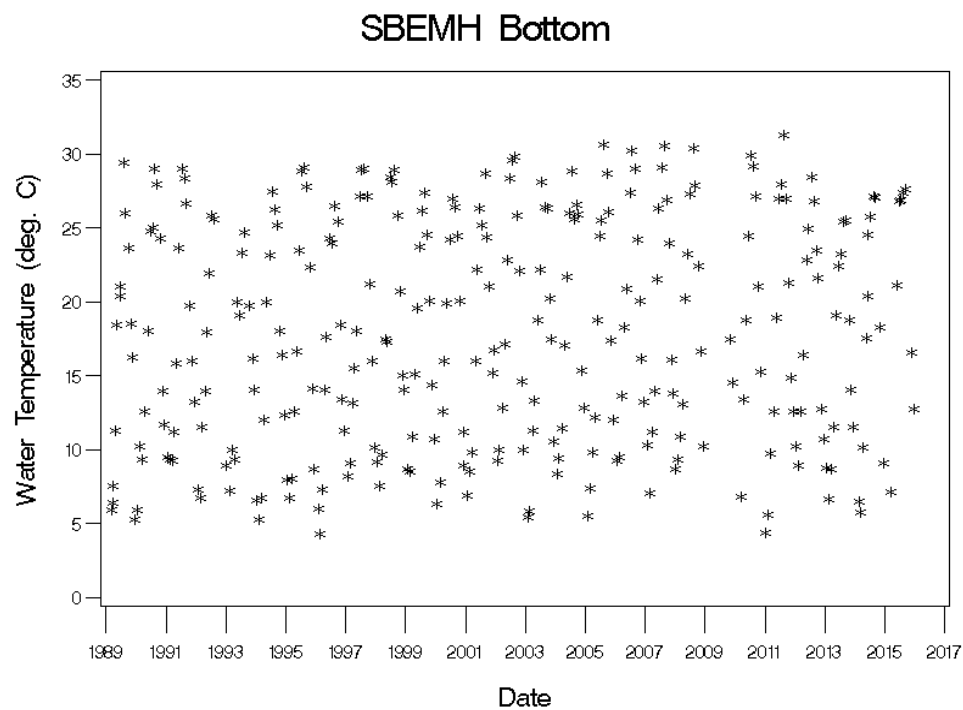


Figure 78. Scatterplot of bottom water temperature at segment SBEMH during the period 1985 to 2015.

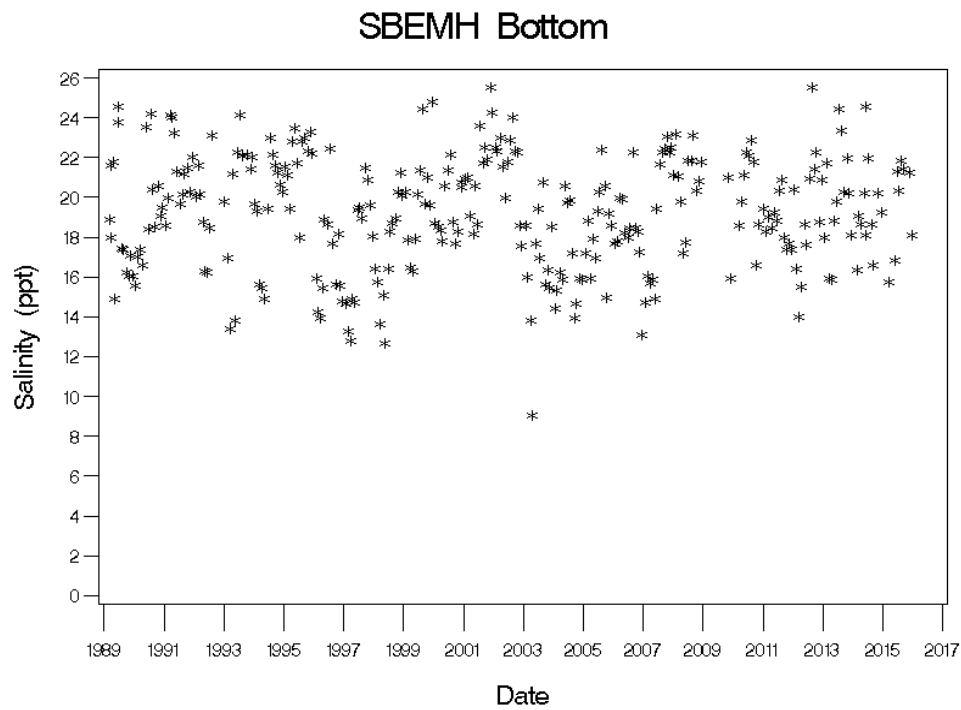


Figure 79. Scatterplot of bottom salinity at segment SBEMH during the period 1985 to 2015.

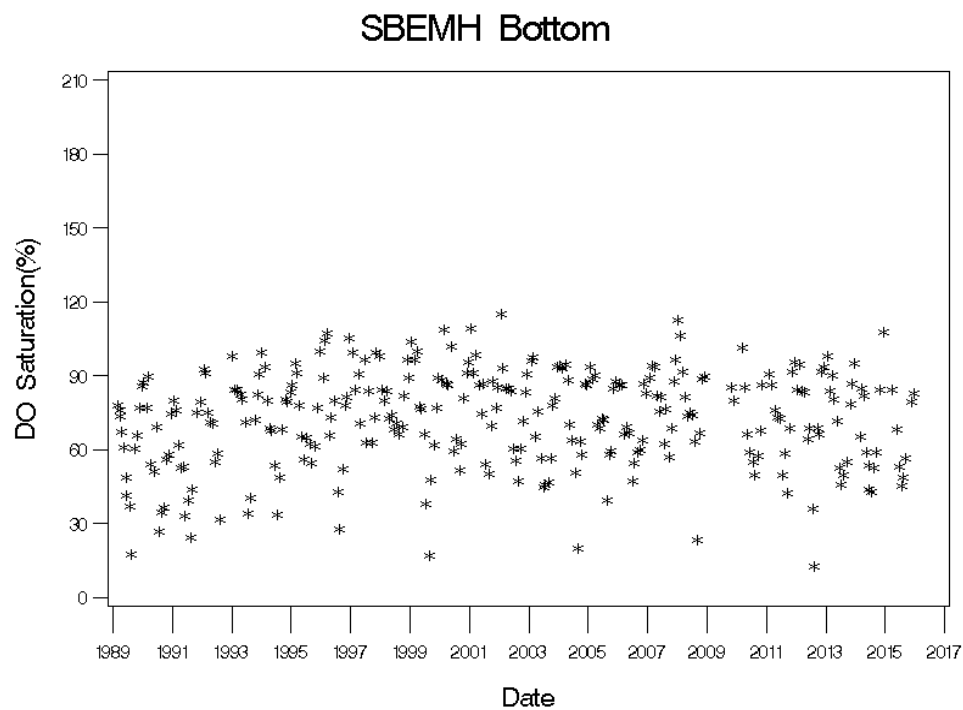


Figure 80. Scatterplot of bottom DO saturation at segment SBEMH during the period 1985 to 2015.