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# Appendix C

## Data Trends

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JULY 31, 2016

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# St. Croix East End Marine Park (STXEEMP)

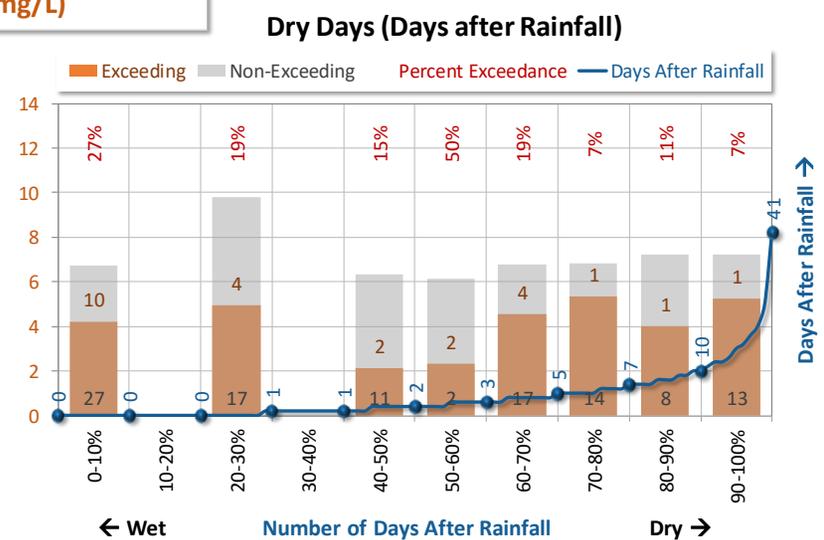
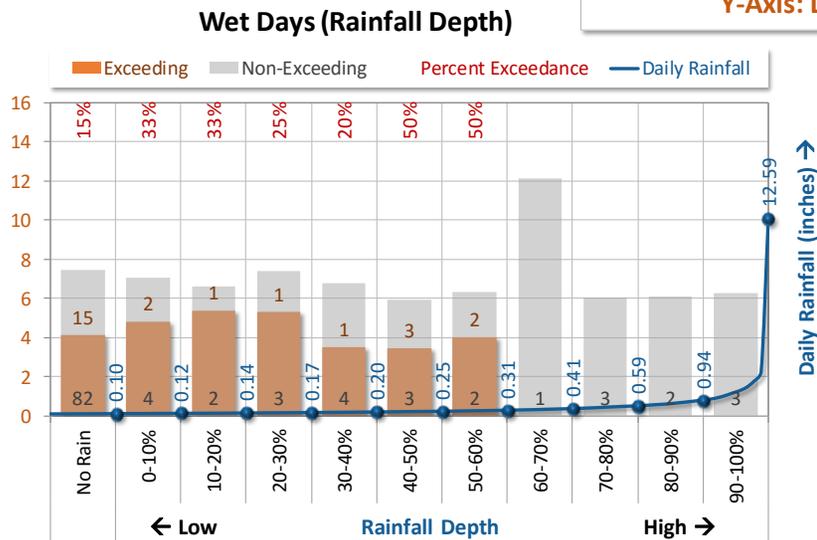
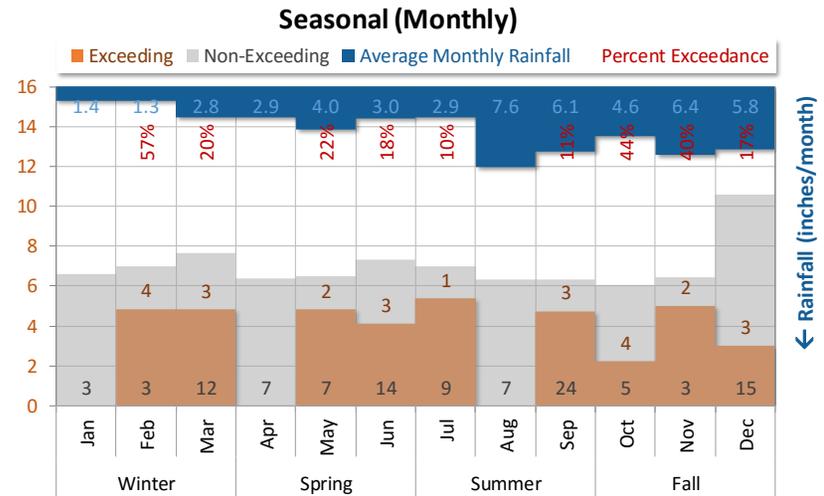
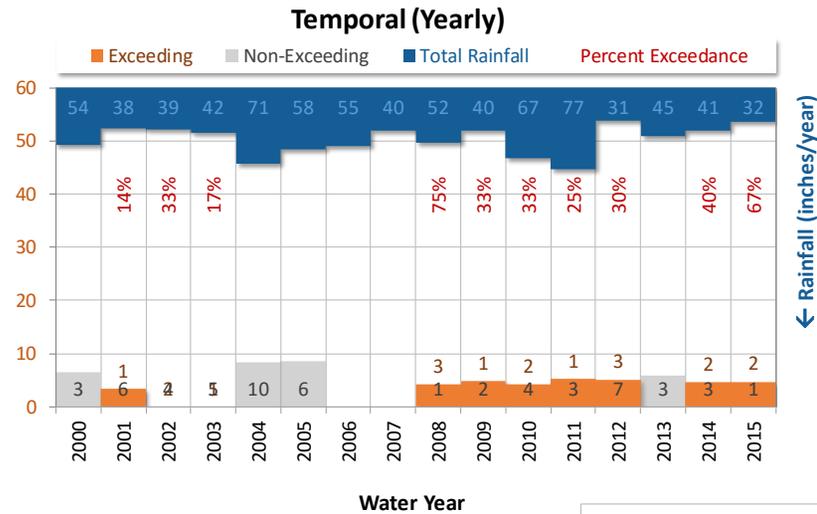


Figure C-1. DO at ALL assessment units, STXEEMP, St. Croix

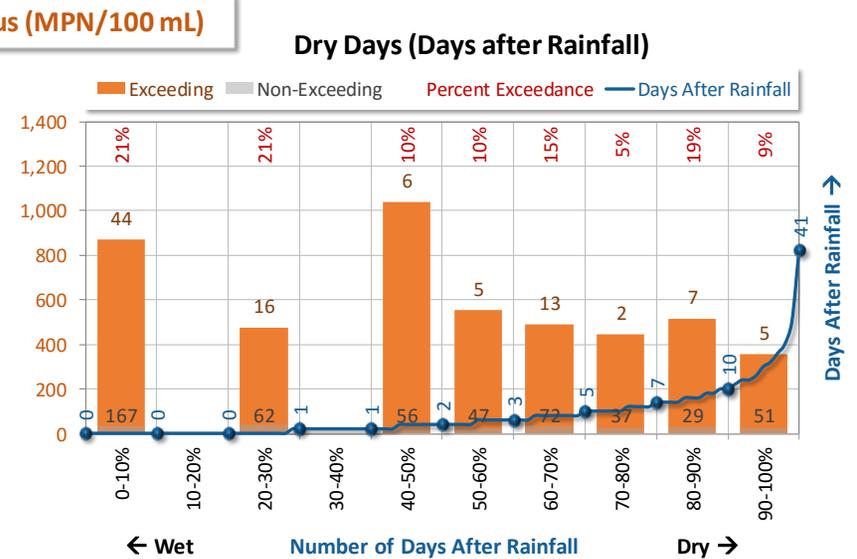
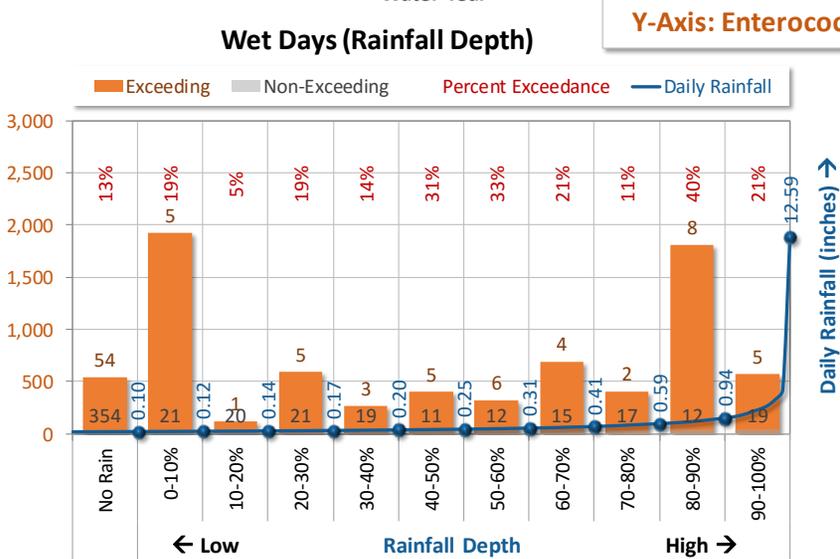
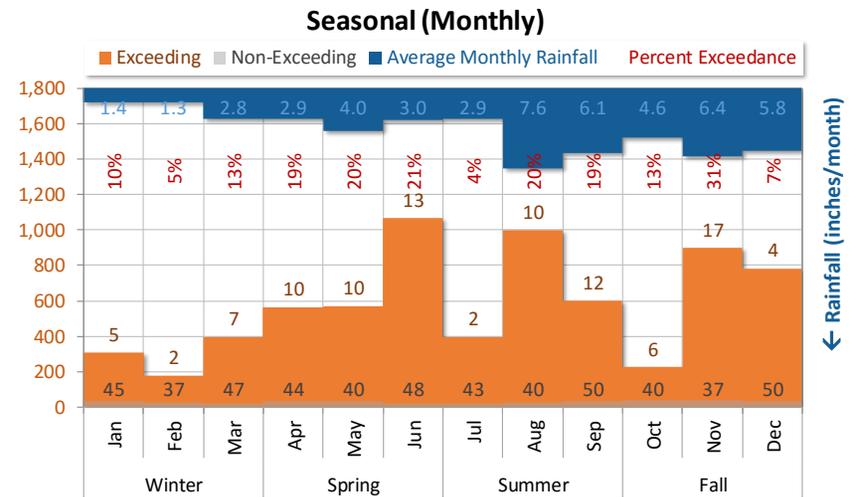
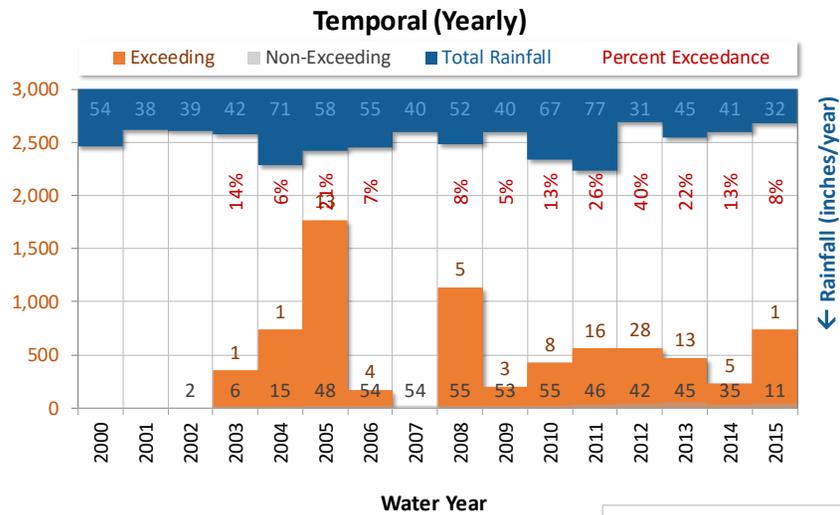


Figure C-2. Enterococcus at ALL assessment units, STXEEMP, St. Croix

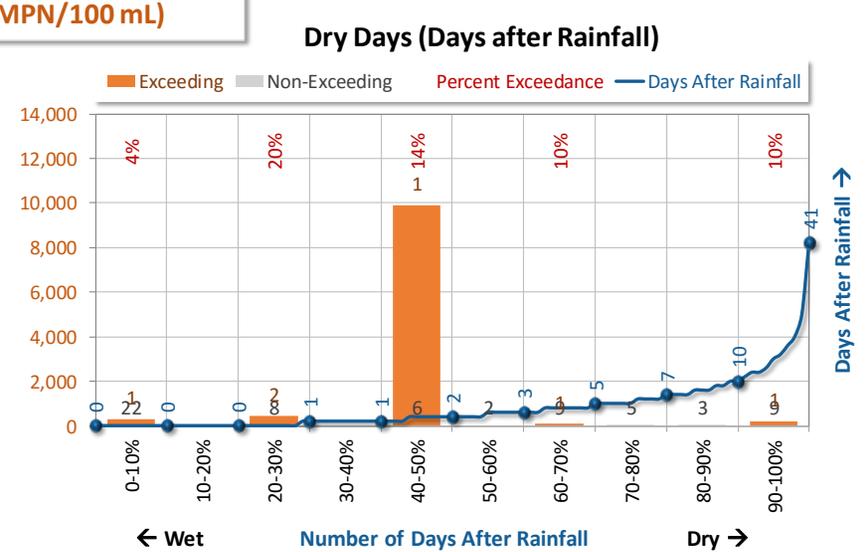
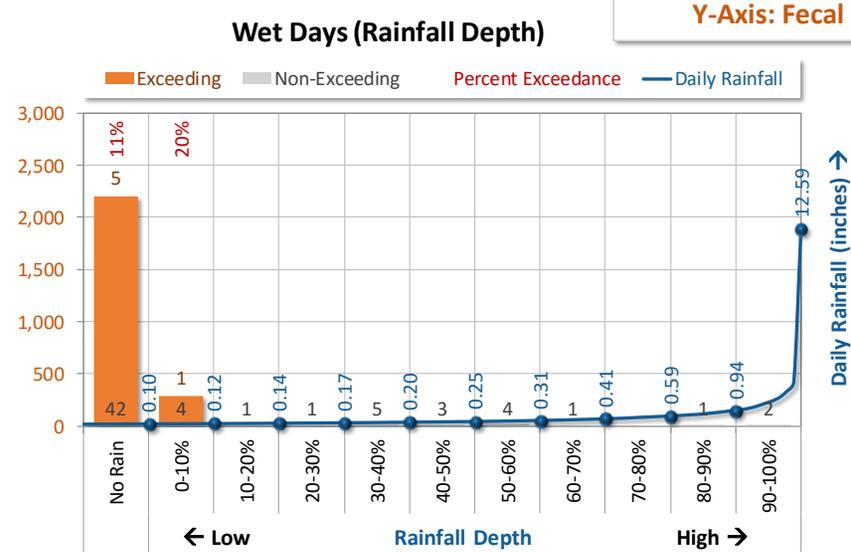
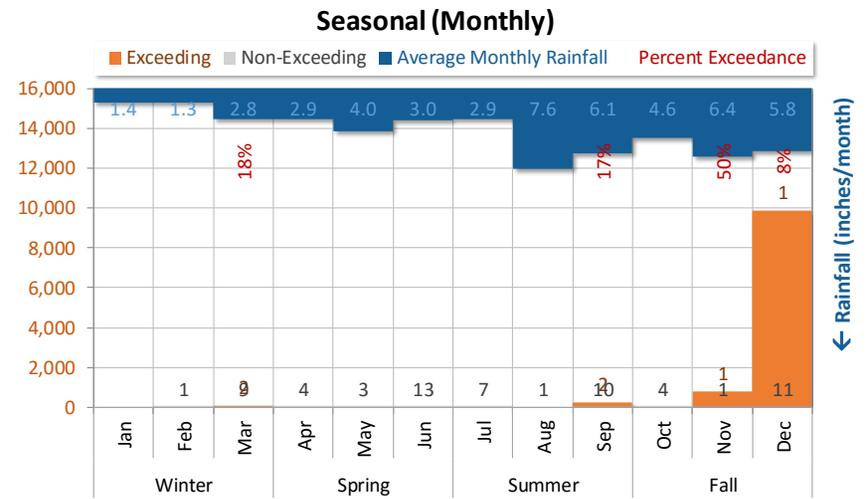
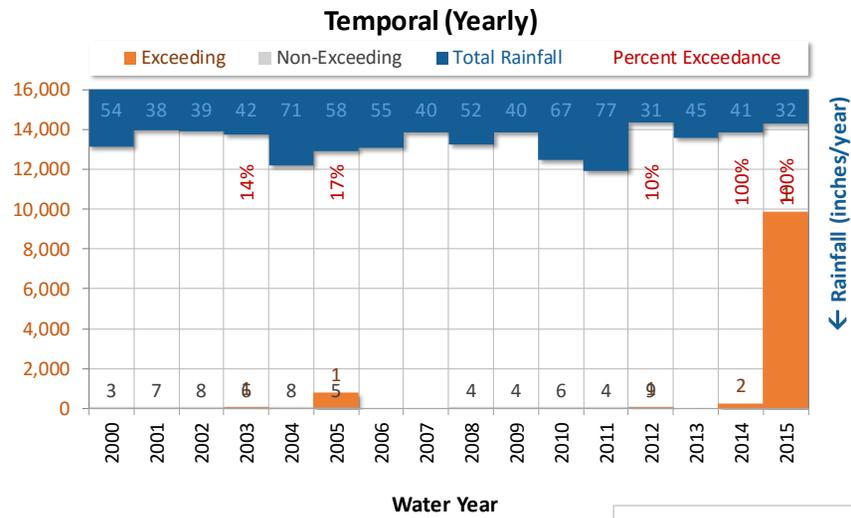


Figure C-3. Fecal Coliform at ALL assessment units, STXEEMP, St. Croix

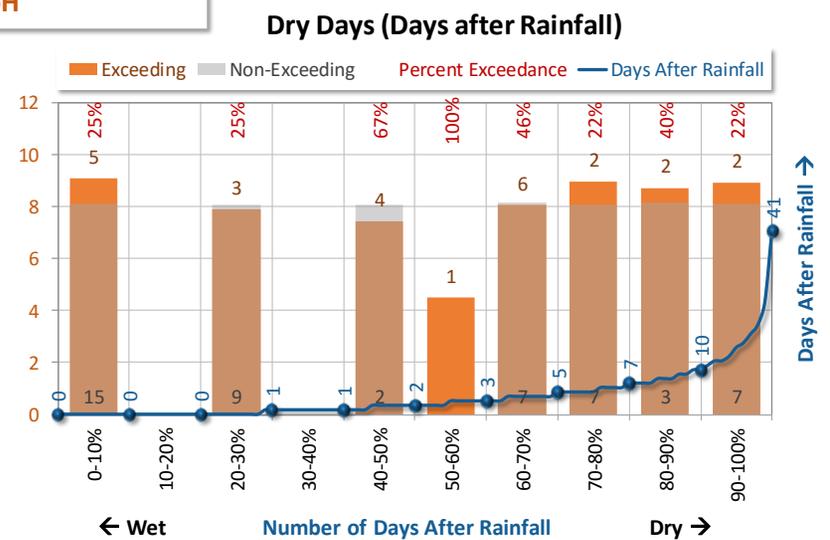
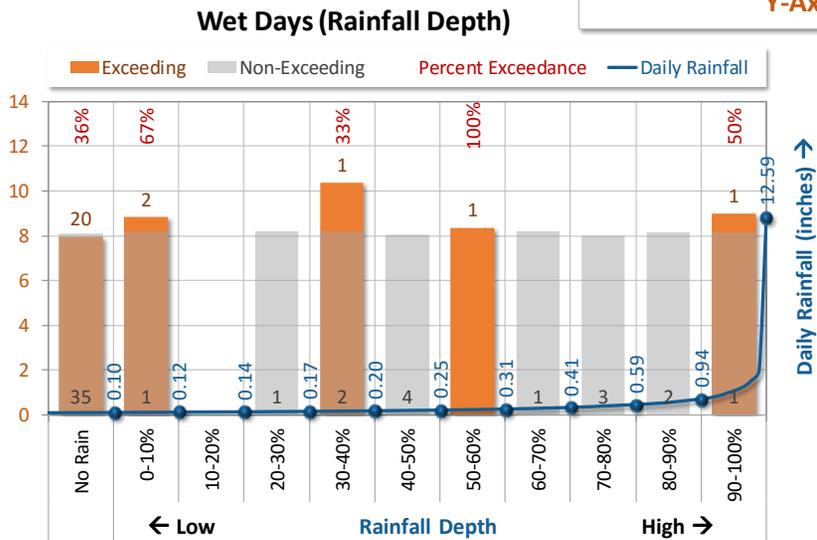
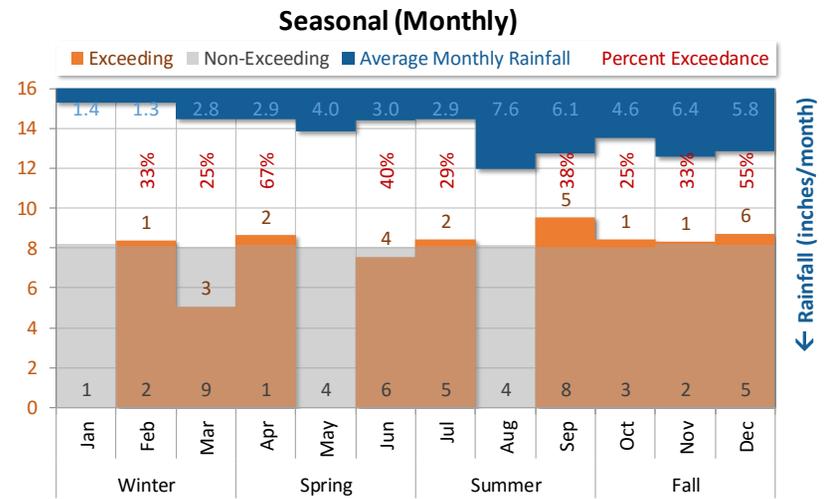
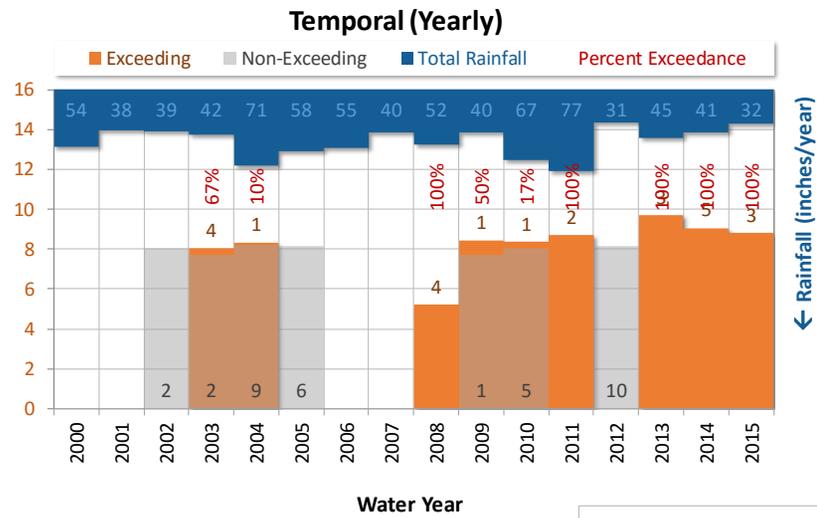


Figure C-4. pH at ALL assessment units, STXEEMP, St. Croix

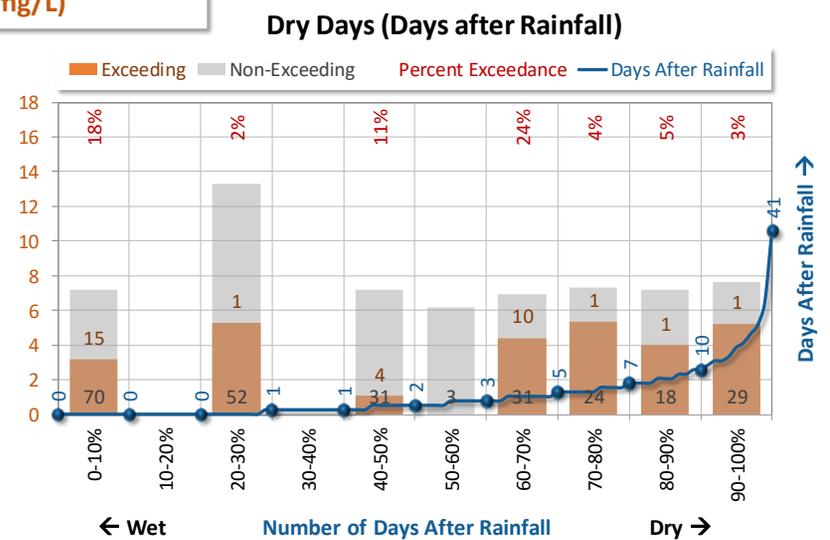
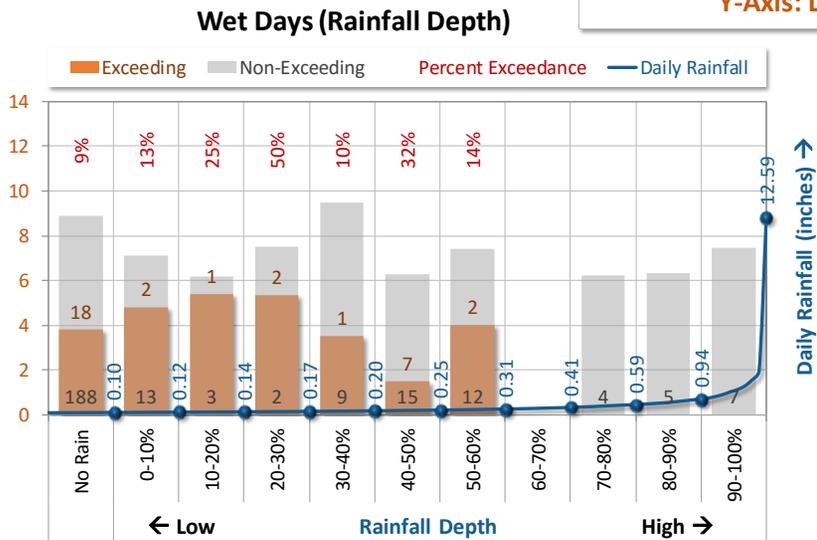
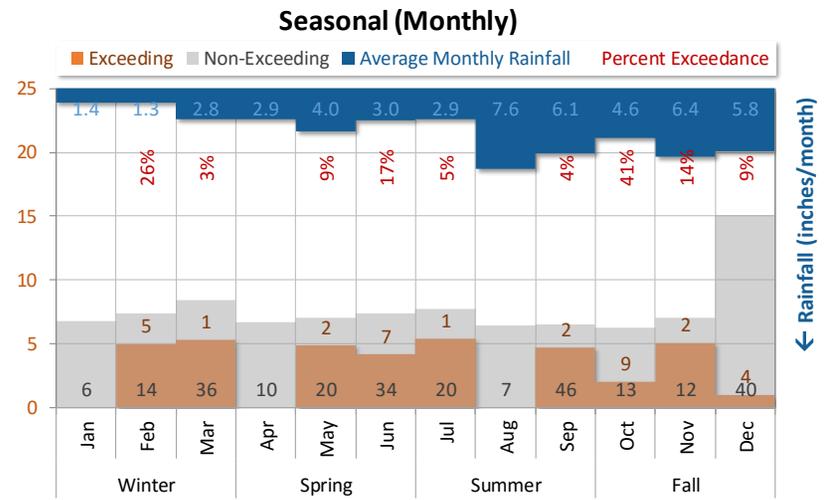
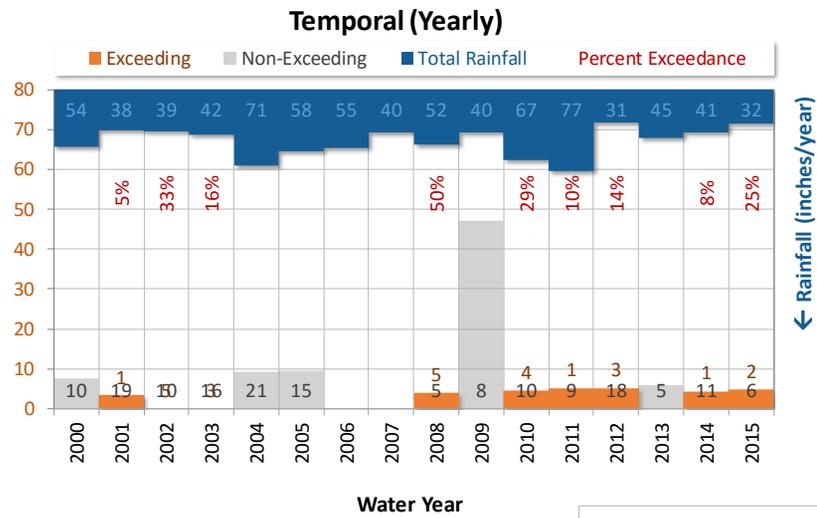


Figure C-5. DO at ALL North Side STXEEMP assessment units, St. Croix

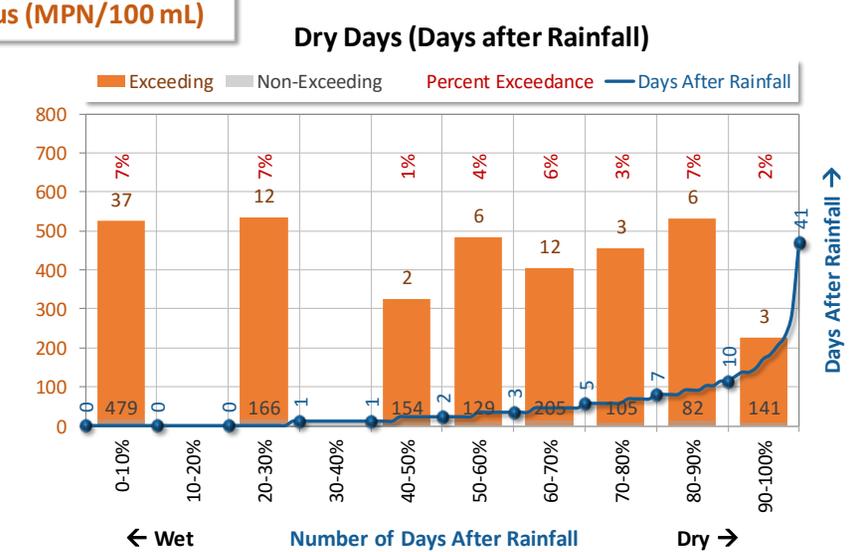
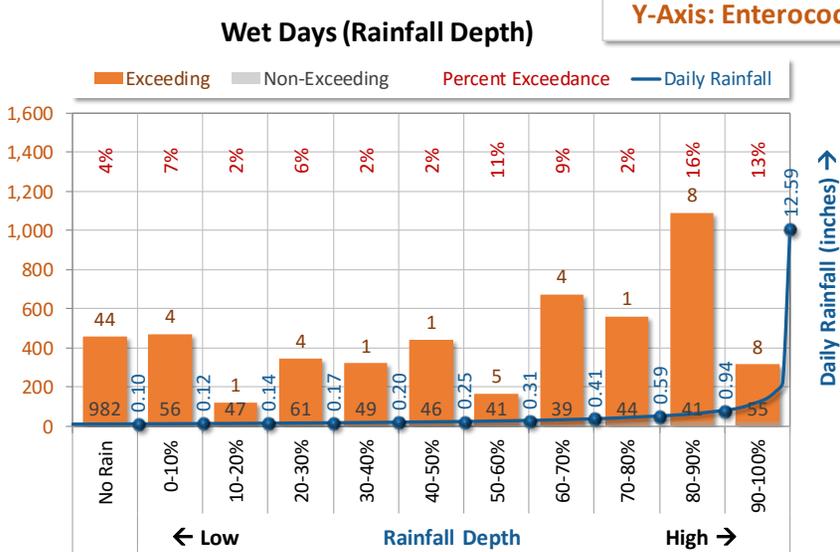
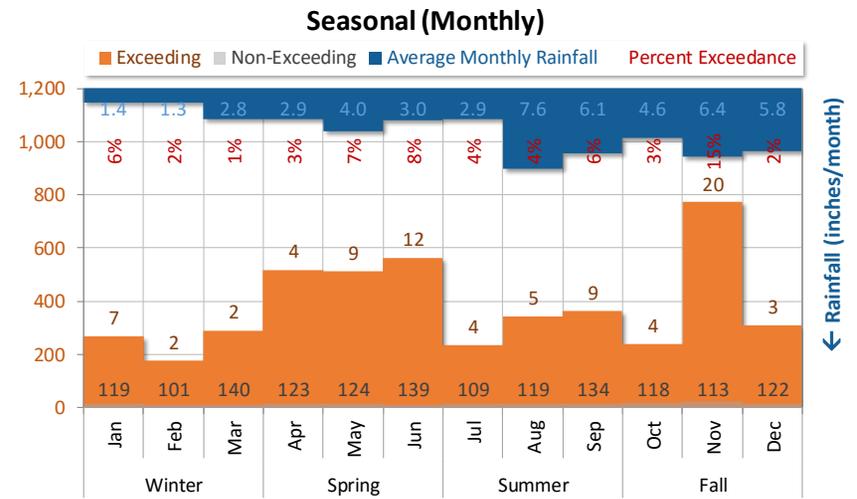
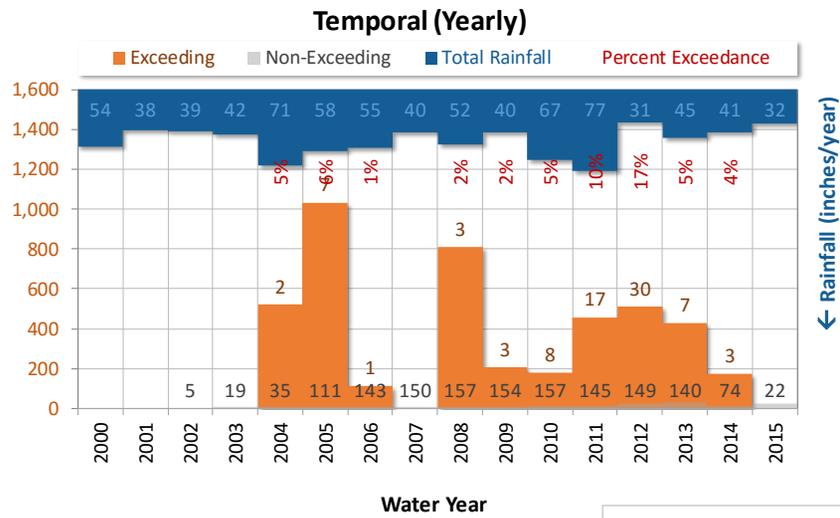


Figure C-6. Enterococcus at ALL North Side STXEEMP assessment units, St. Croix

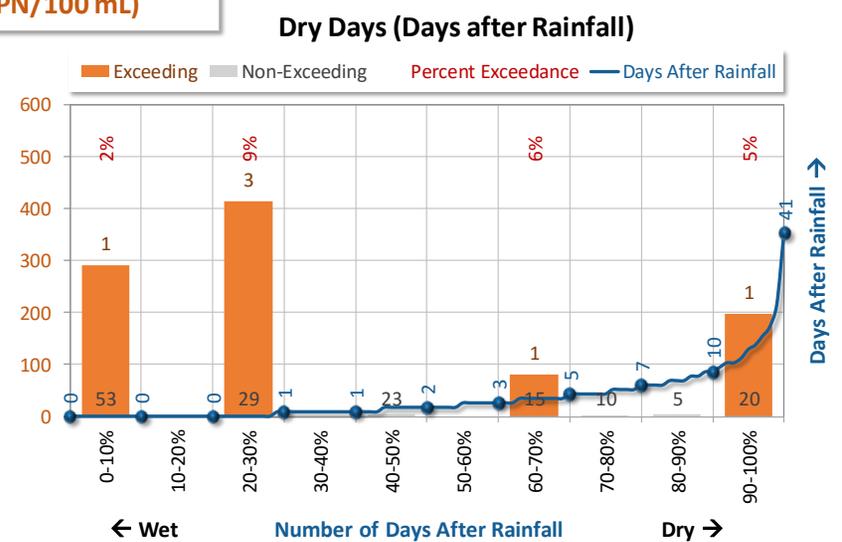
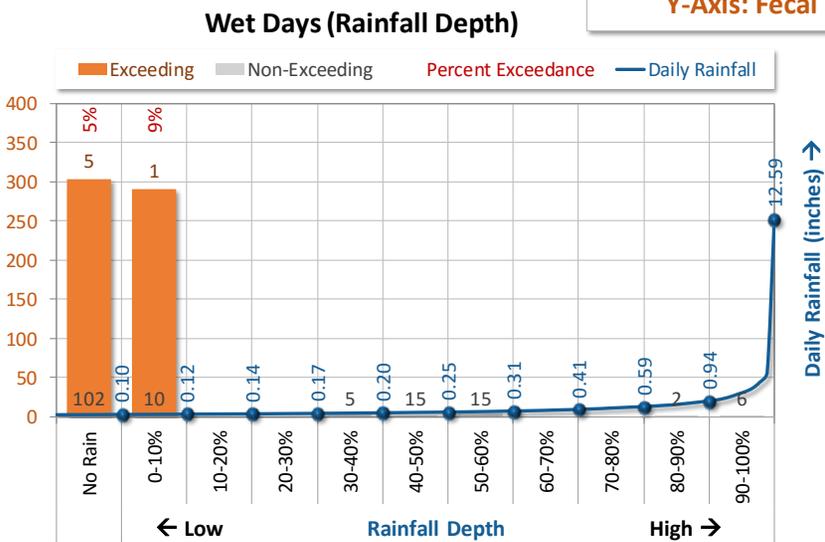
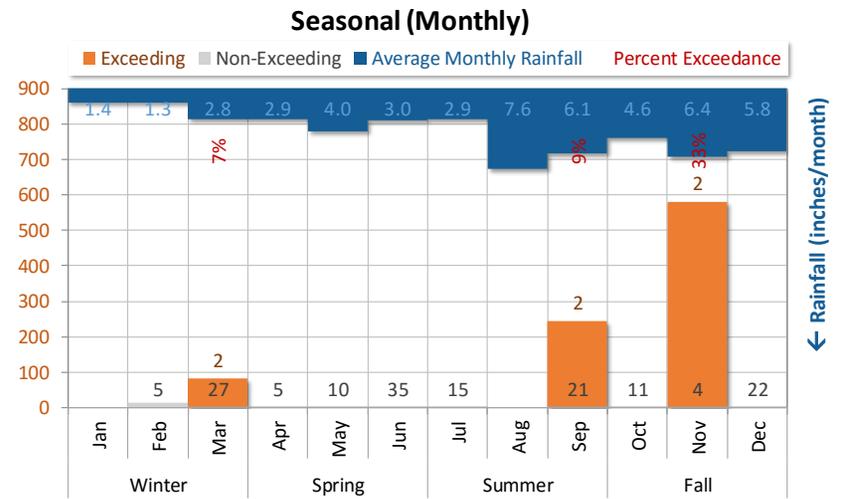
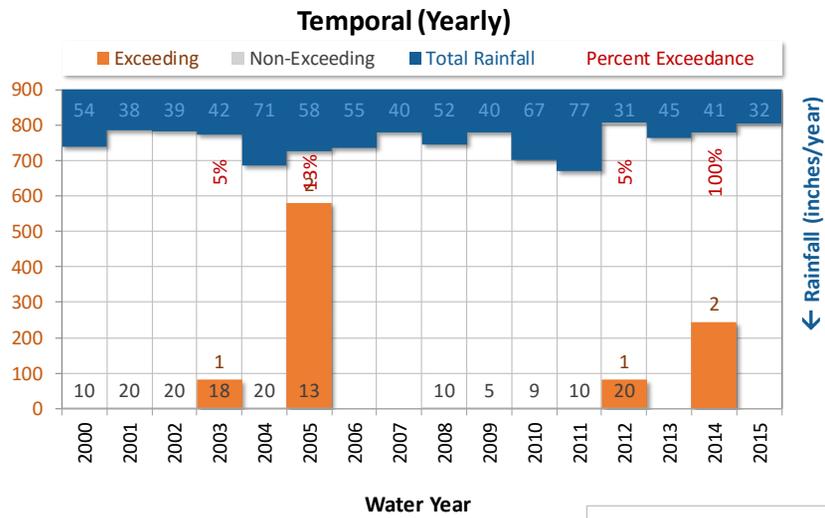


Figure C-7. Fecal Coliform at ALL North Side STXEEMP assessment units, St. Croix

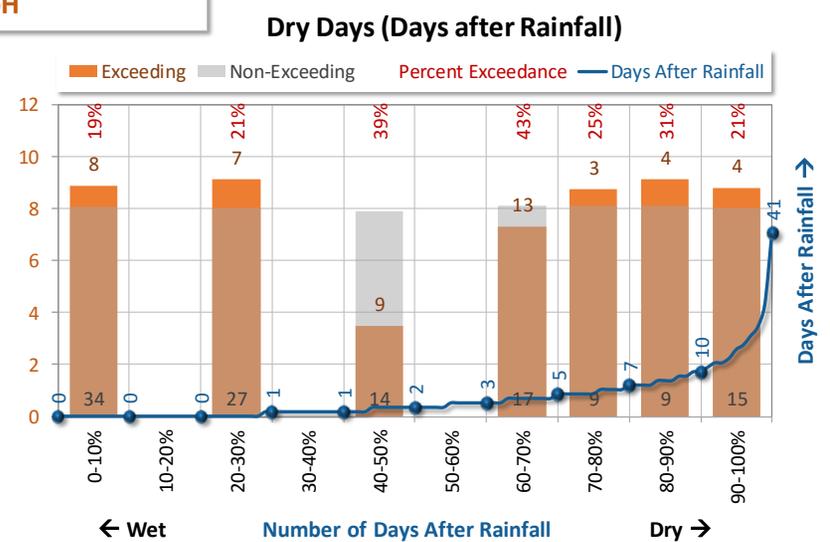
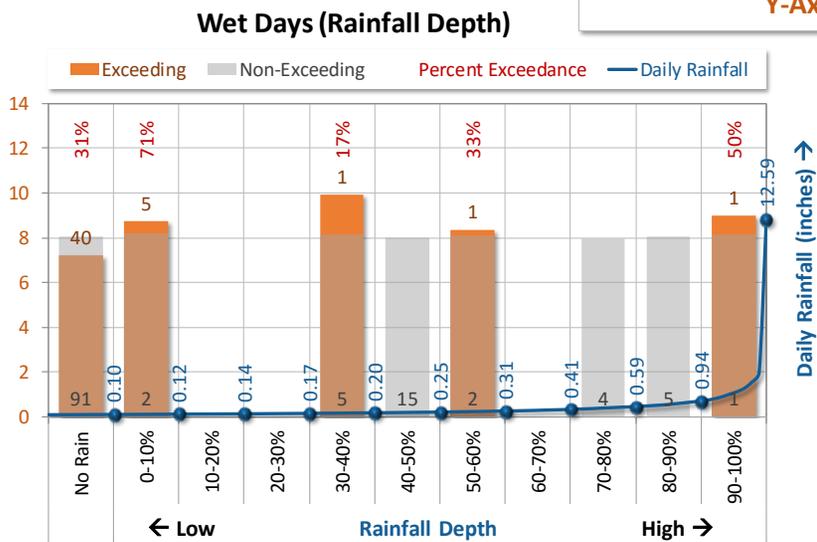
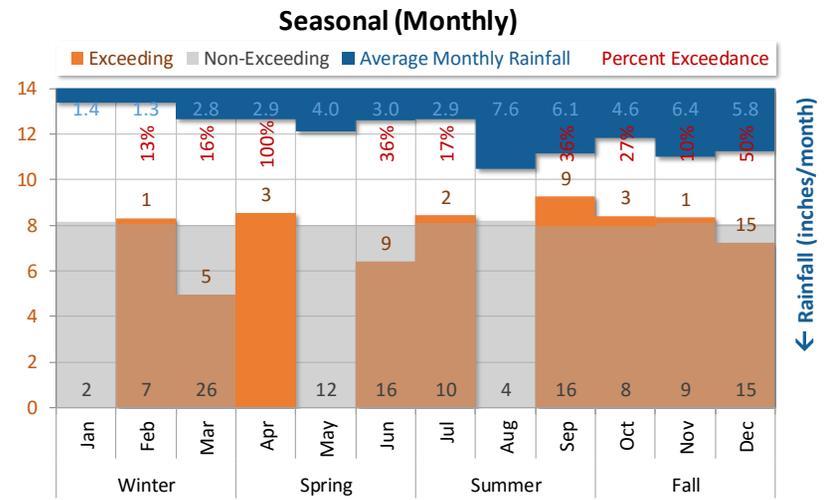
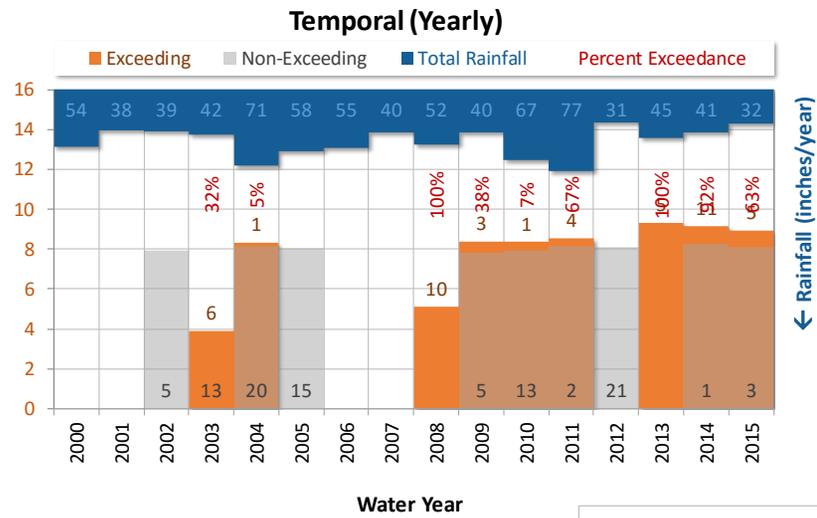


Figure C-8. pH at ALL North Side STXEEMP assessment units, St. Croix

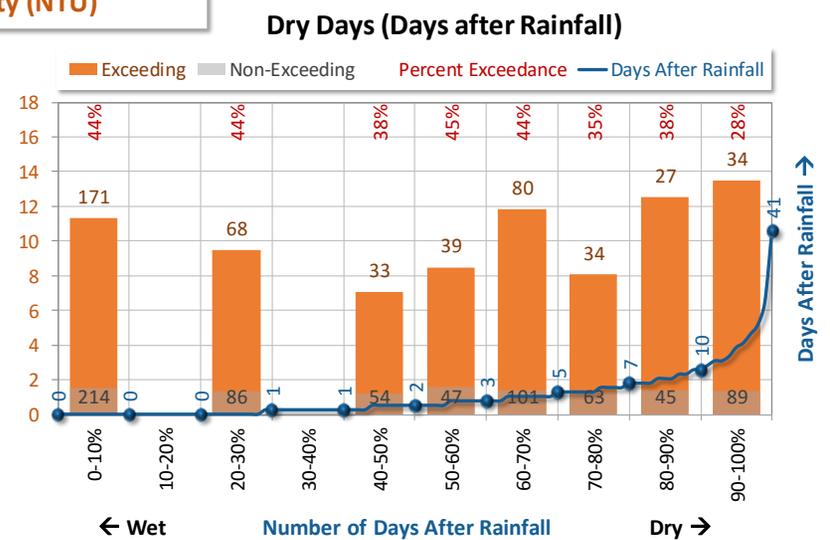
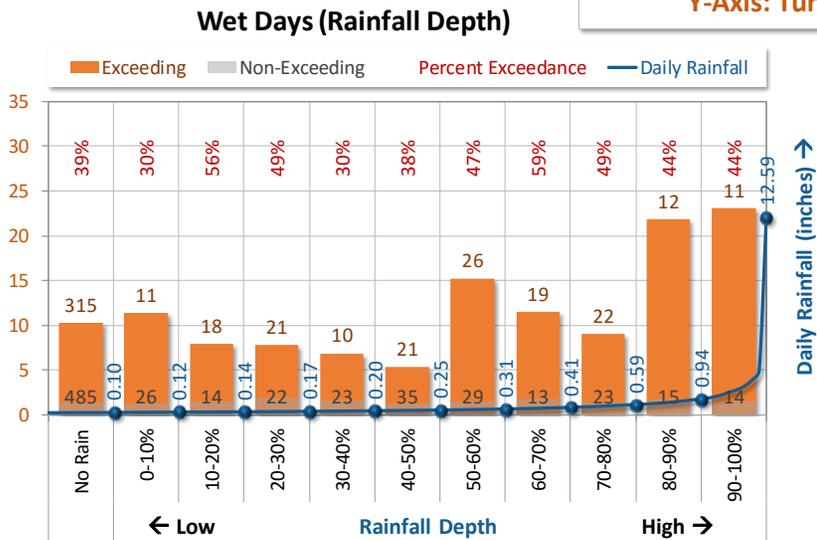
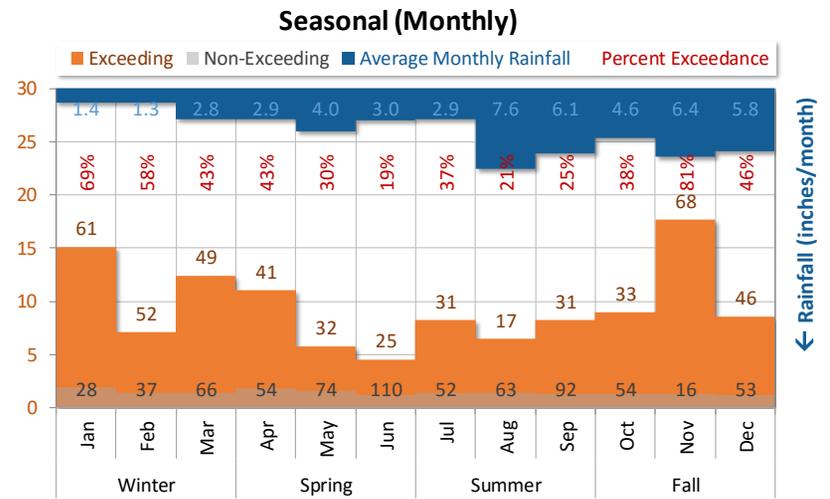
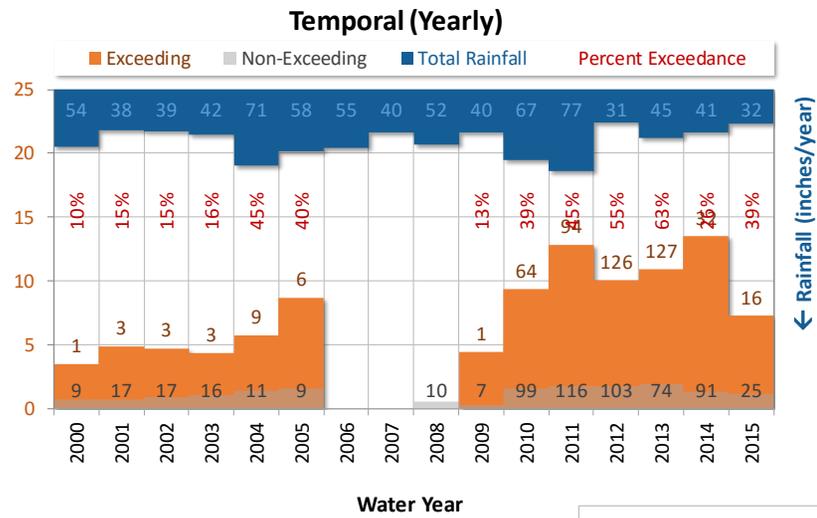


Figure C-9. Turbidity at ALL North Side STXEEMP assessment units, St. Croix

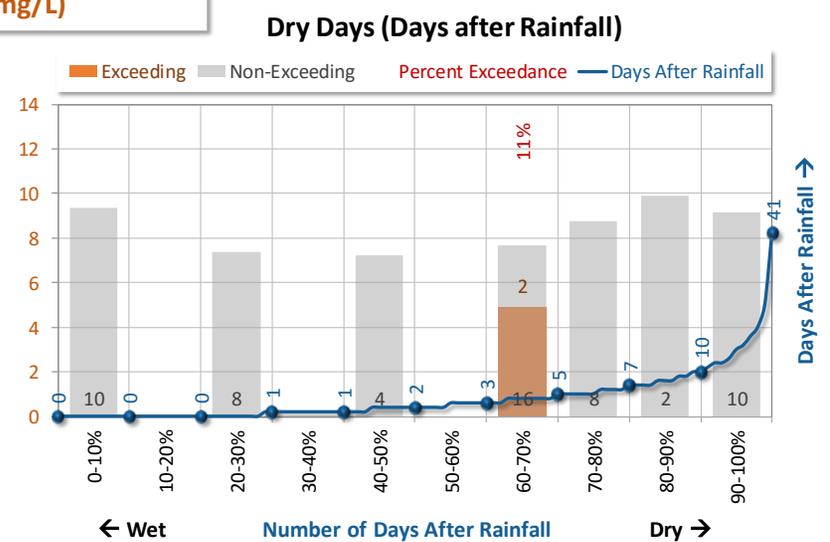
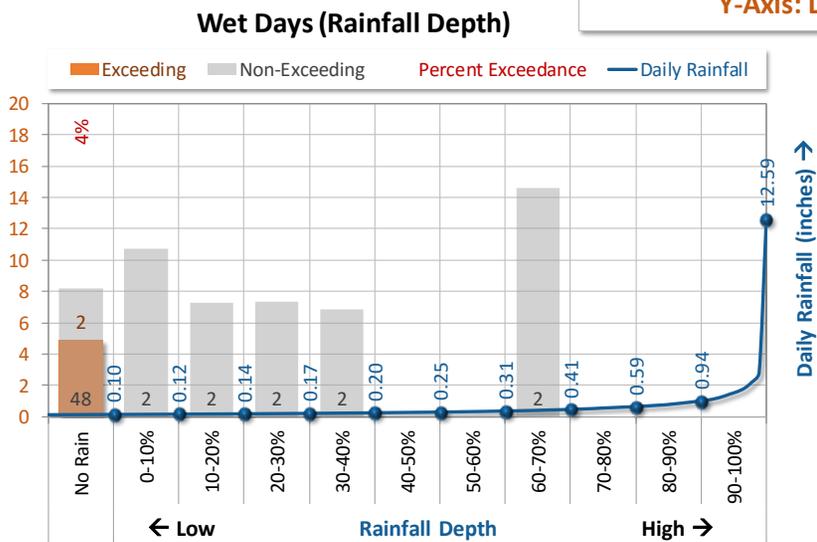
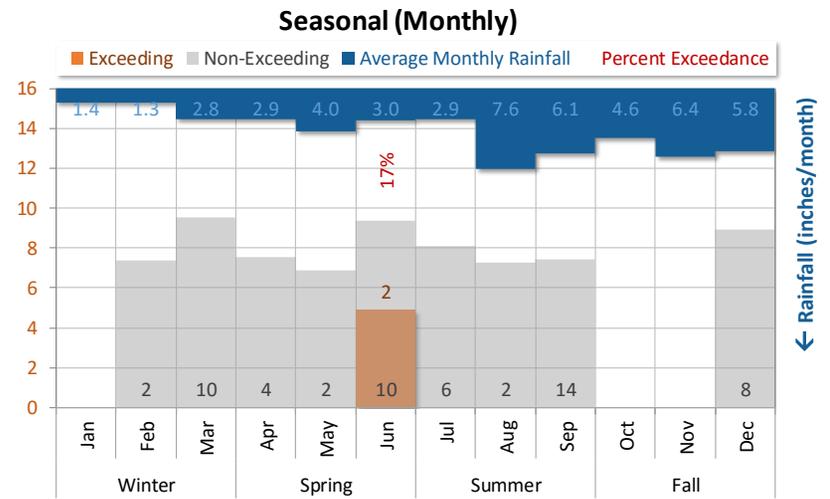
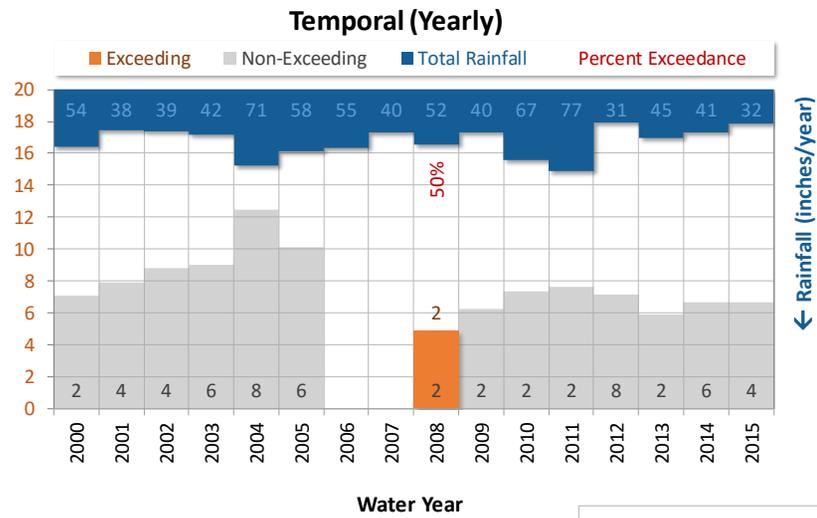
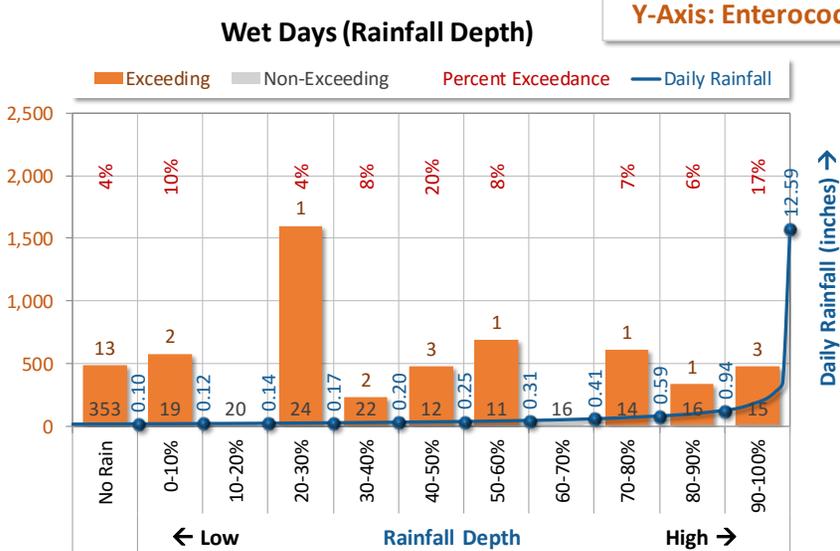
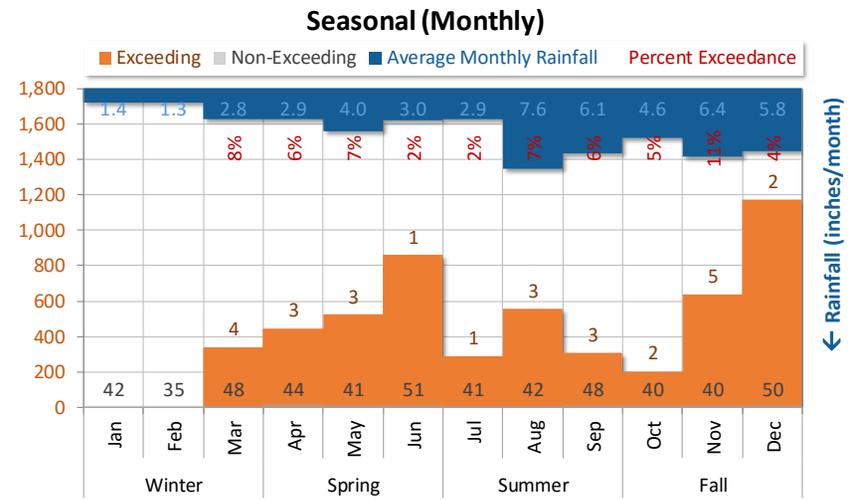
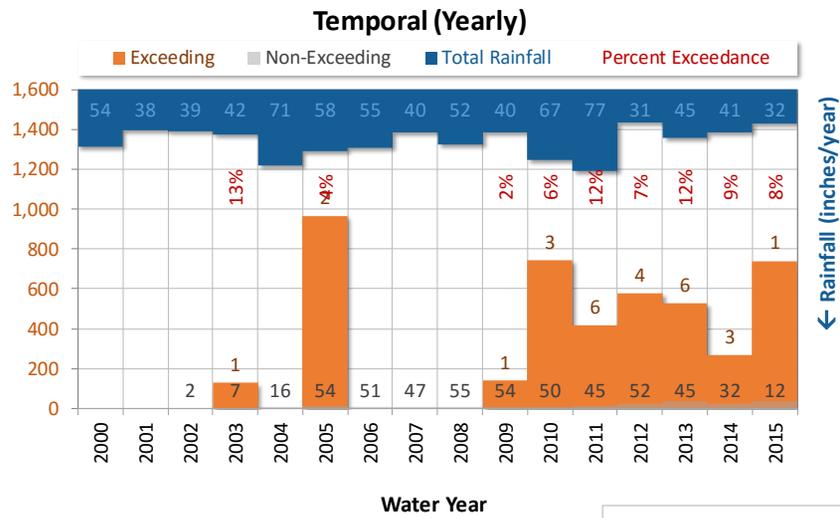


Figure C-10. DO at ALL South Side STXEEMP assessment units, St. Croix



Y-Axis: Enterococcus (MPN/100 mL)

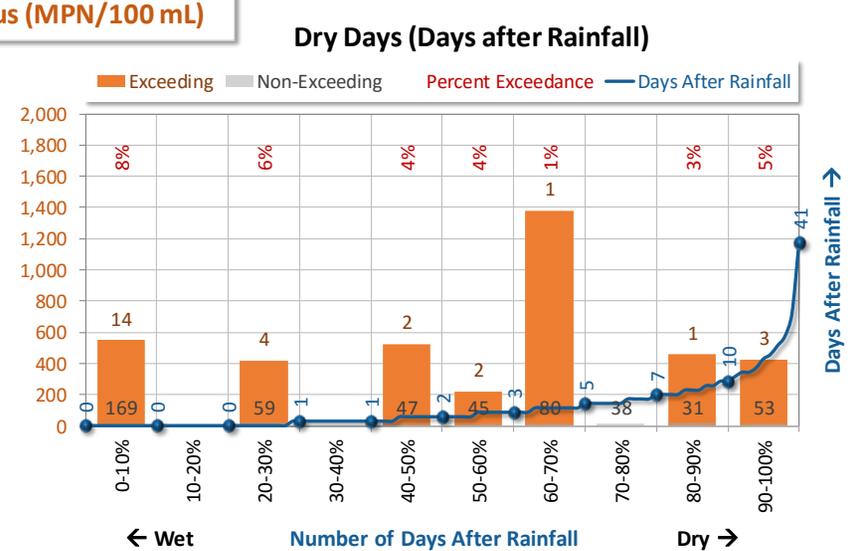


Figure C-11. pH at ALL South Side STXEEMP assessment units, St. Croix

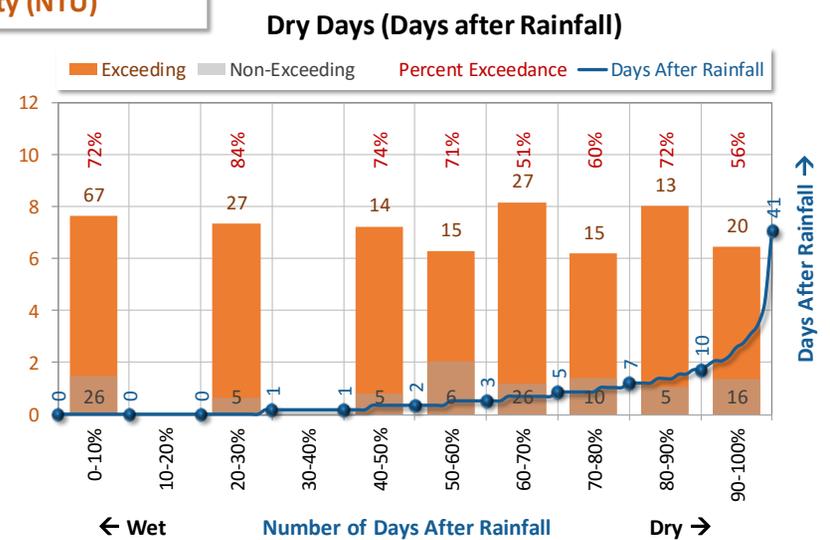
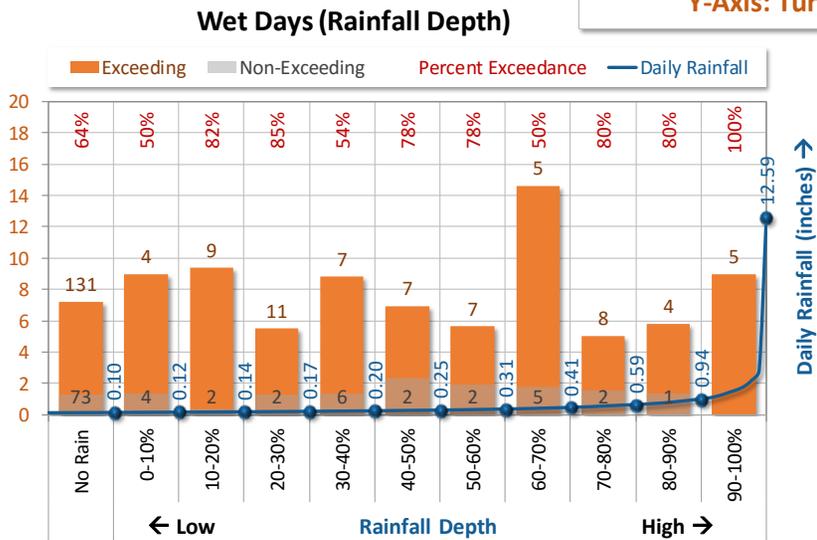
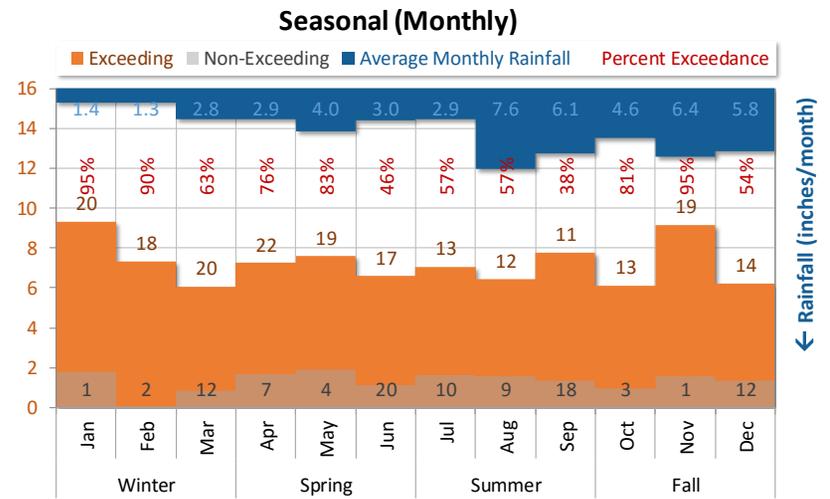
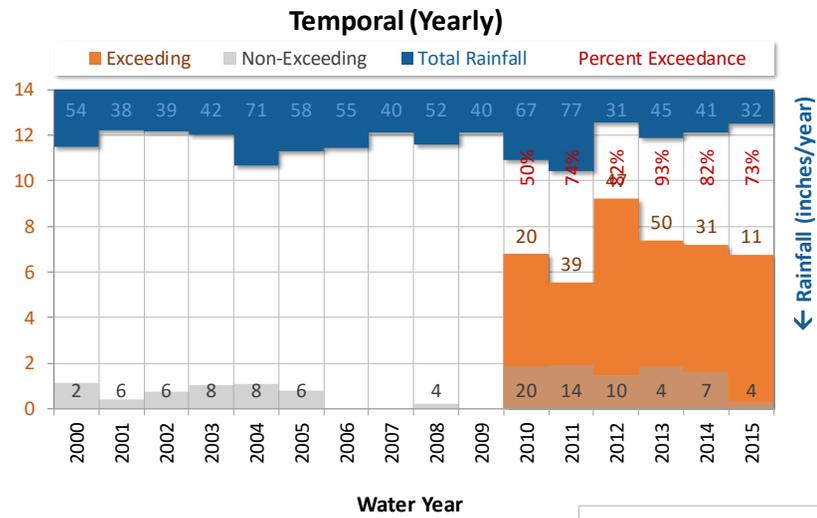


Figure C-12. Turbidity at ALL South Side STXEEMP assessment units, St. Croix

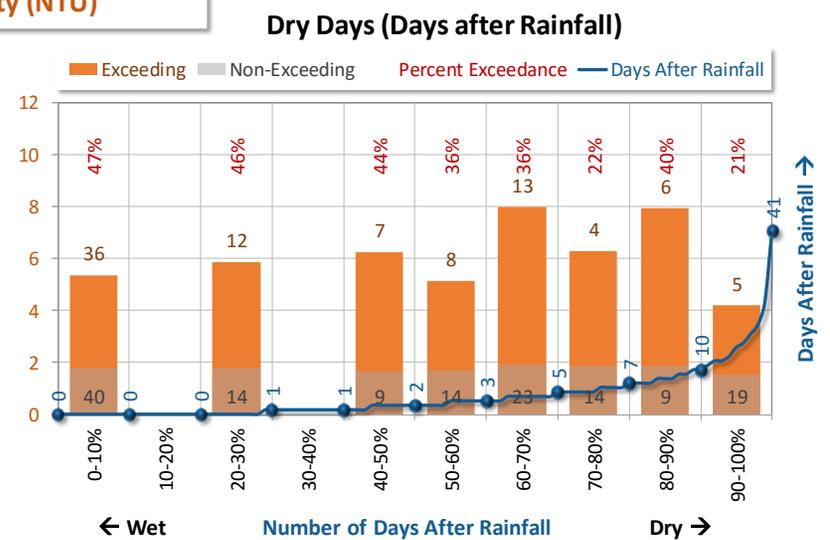
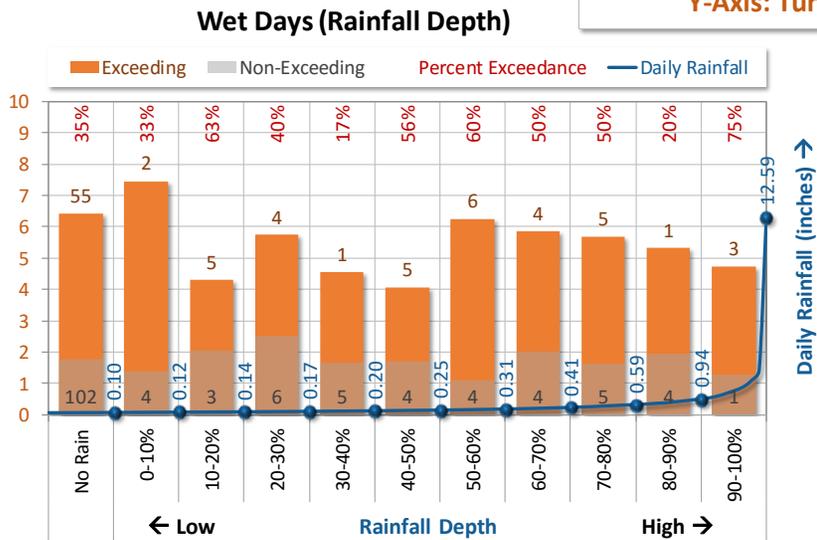
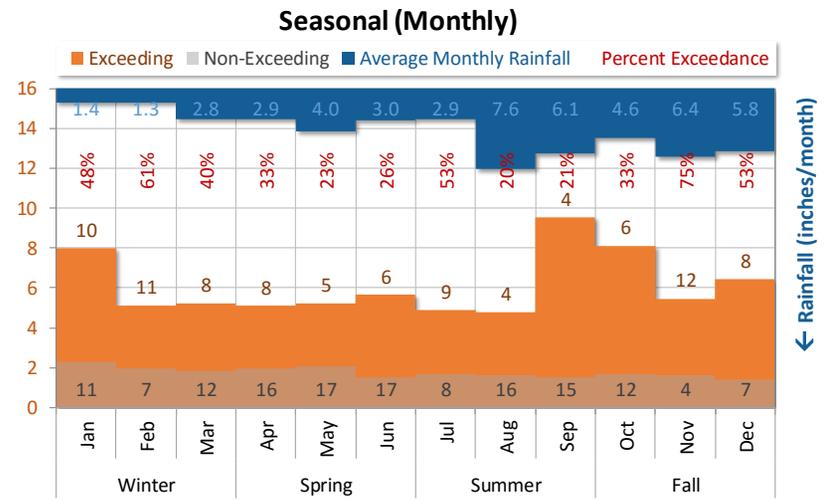
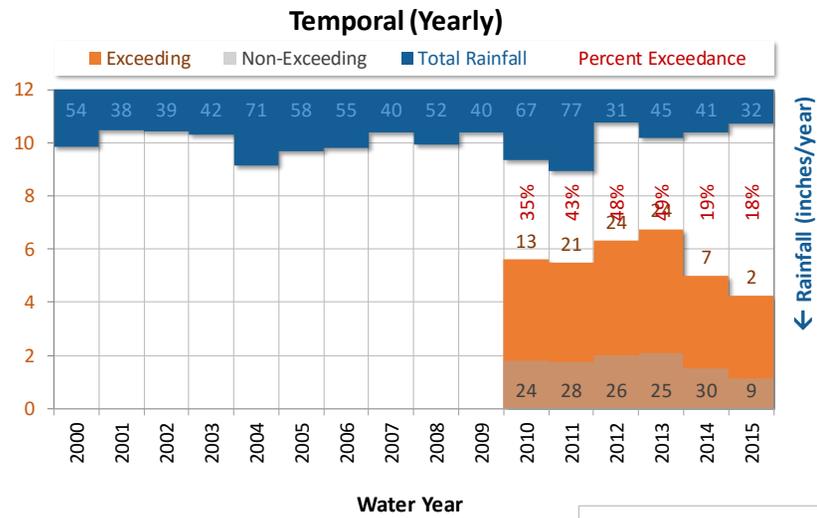


Figure C-13. Turbidity at Punnett Bay (STC-33), STXEEMP, St. Croix

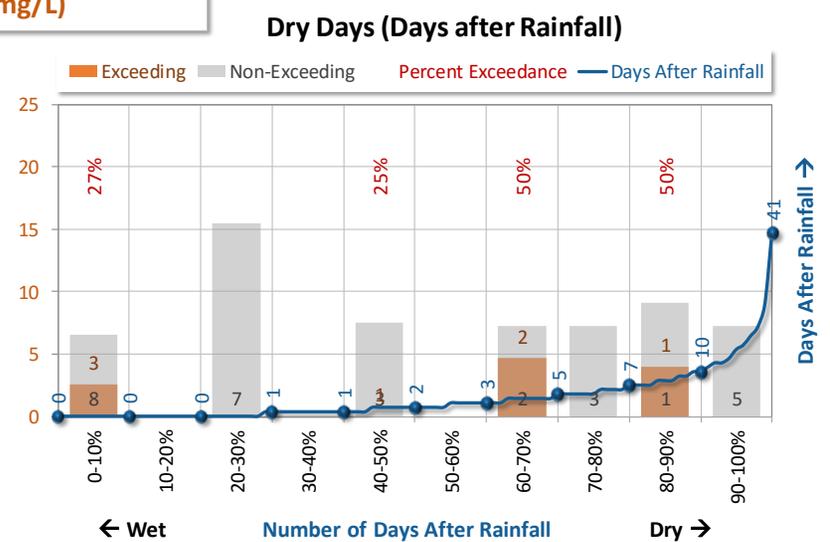
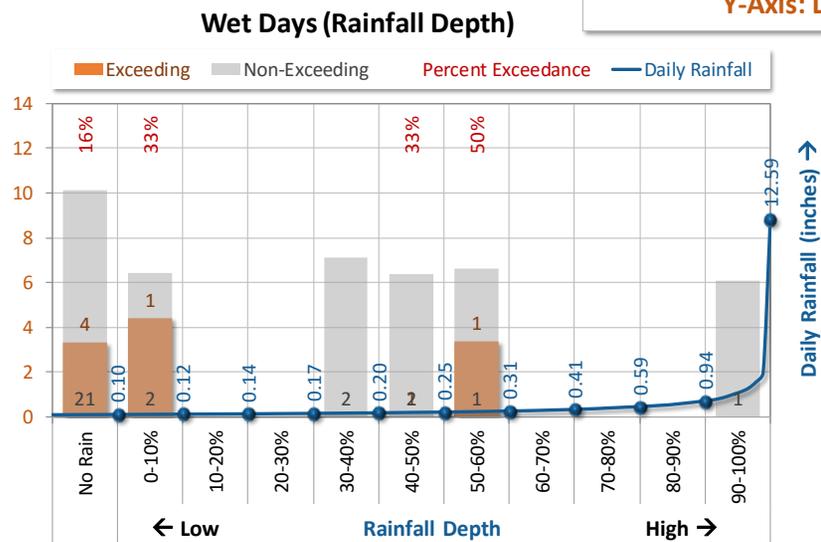
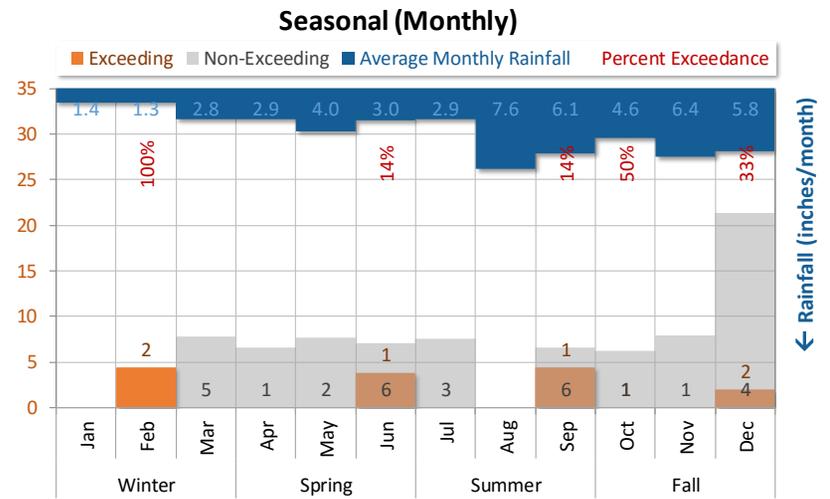
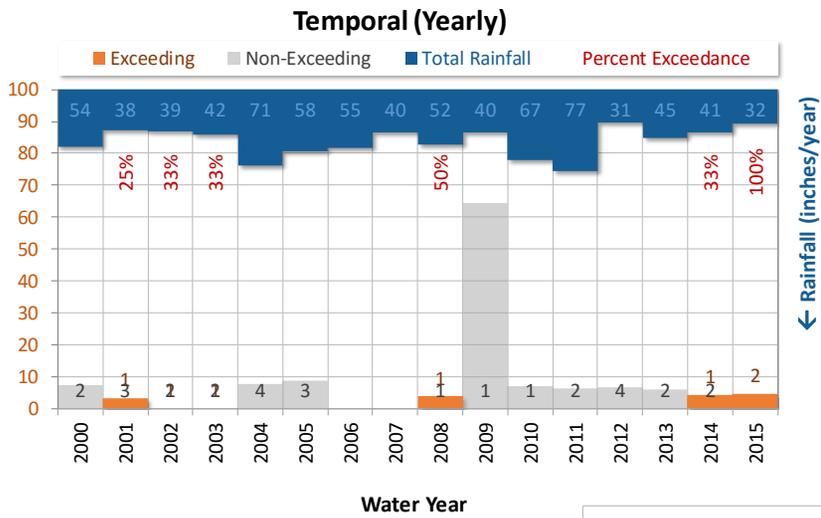


Figure C-14. DO at Tamarind Reef Lagoon (STC-35), STXEEMP, St. Croix

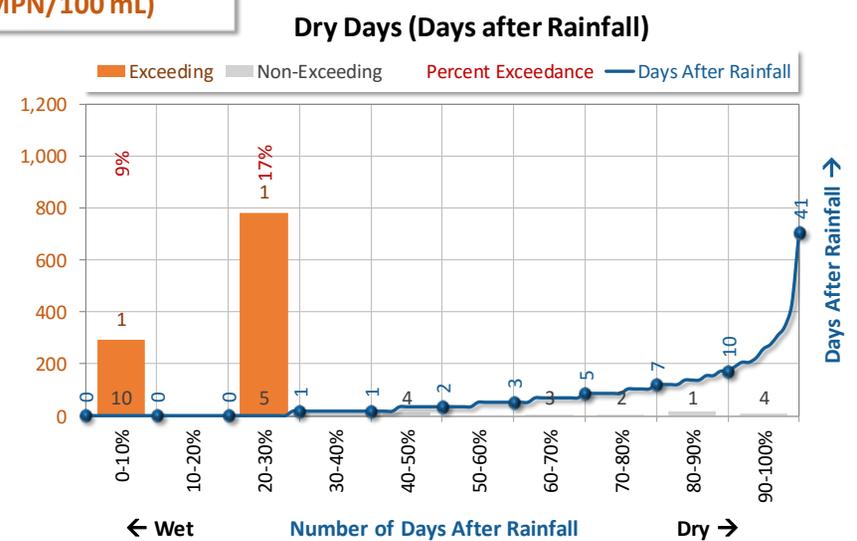
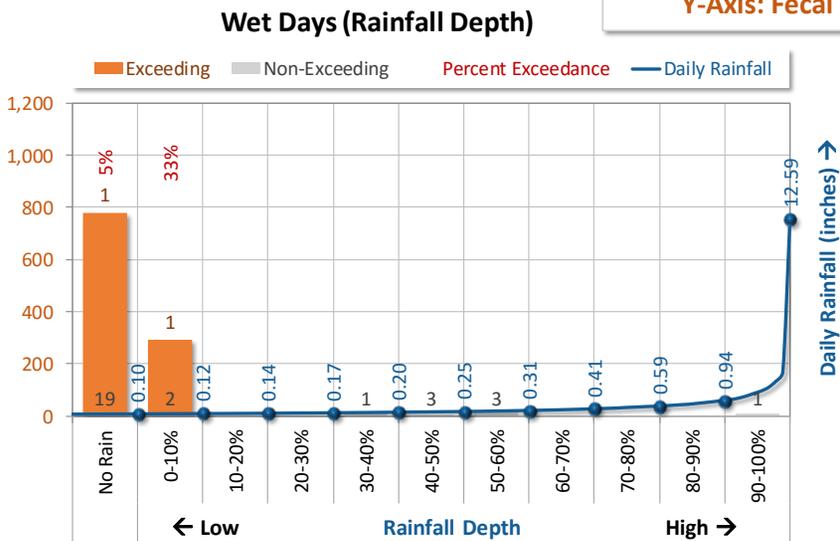
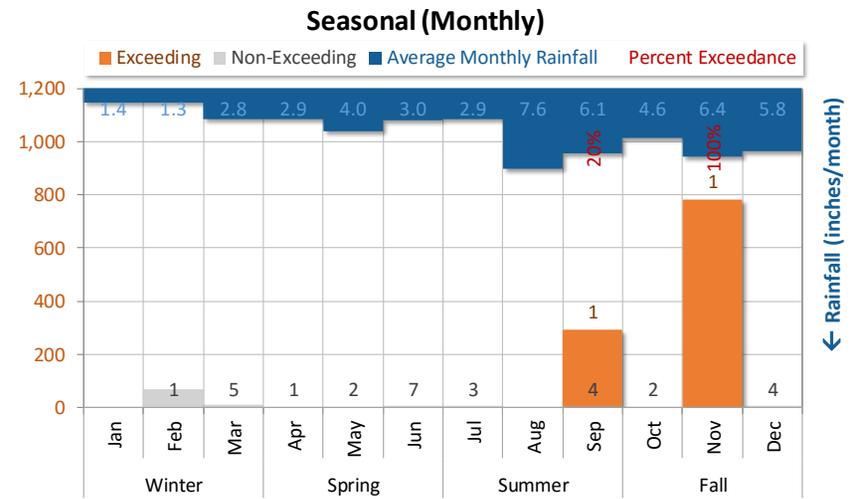
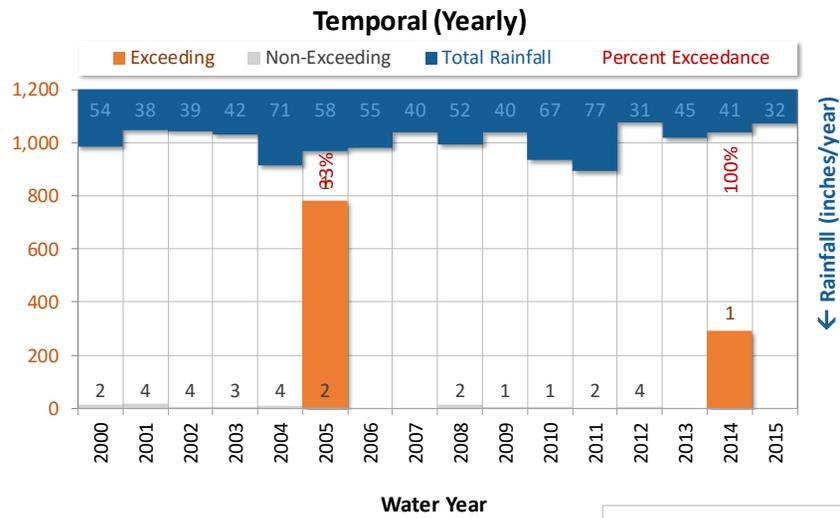


Figure C-15. Fecal Coliform at Tamarind Reef Lagoon (STC-35), STXEEMP, St. Croix

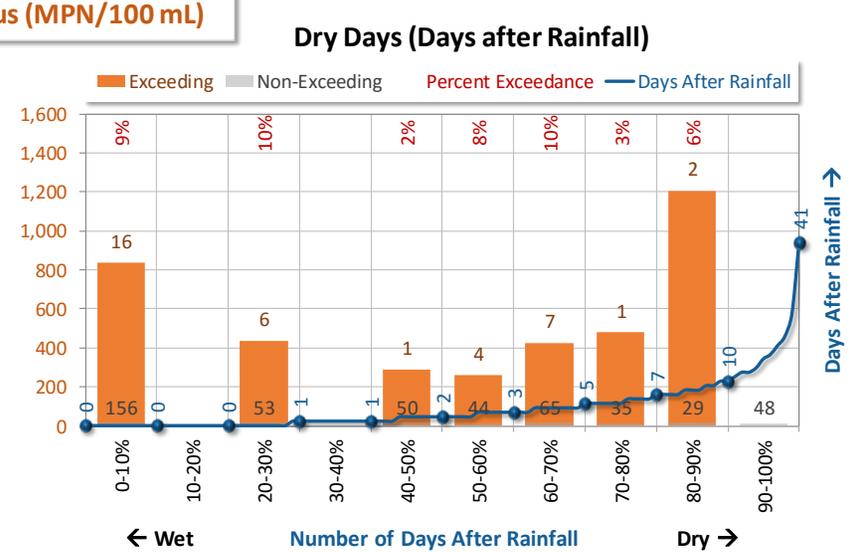
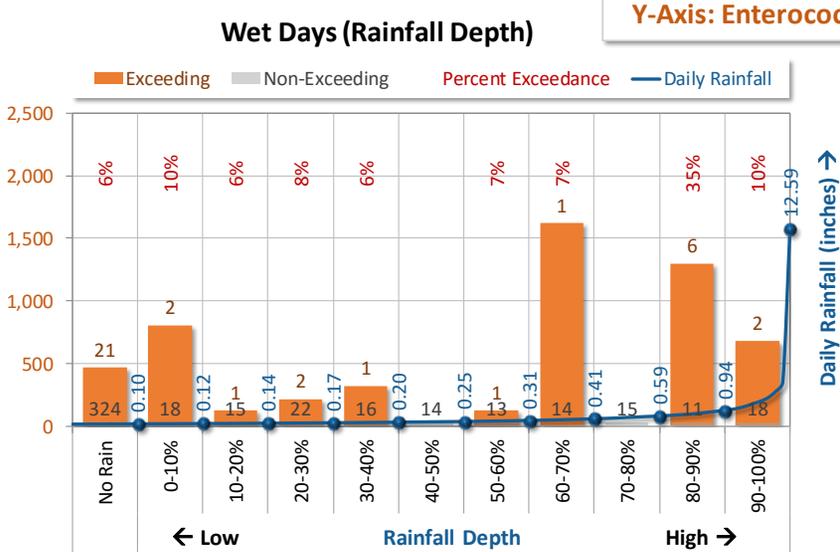
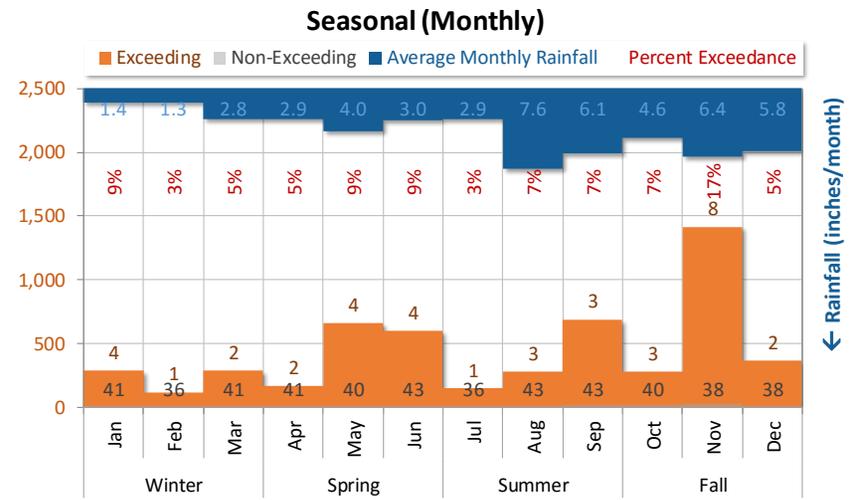
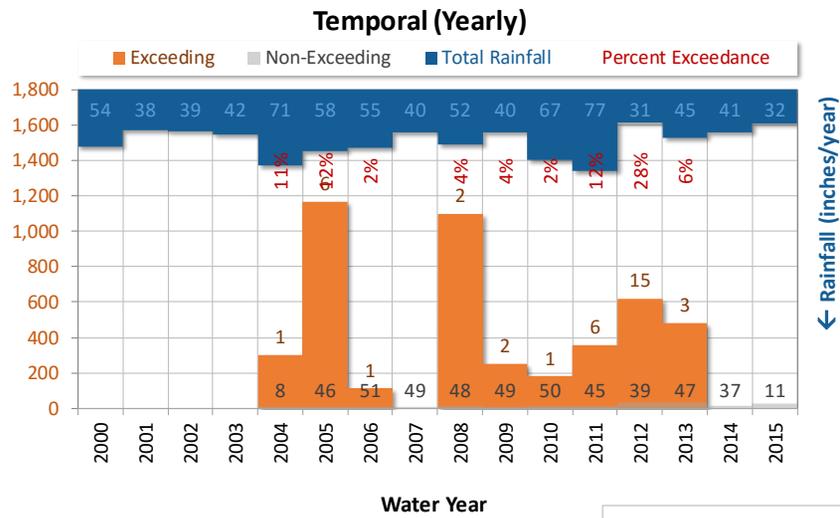
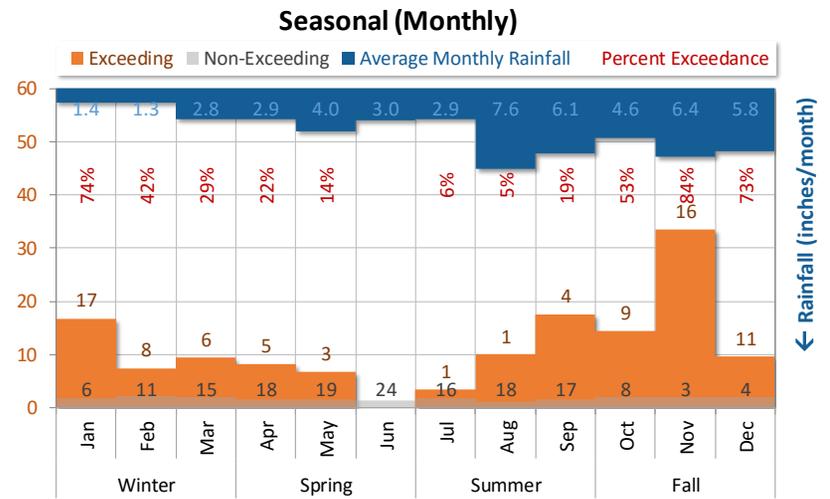
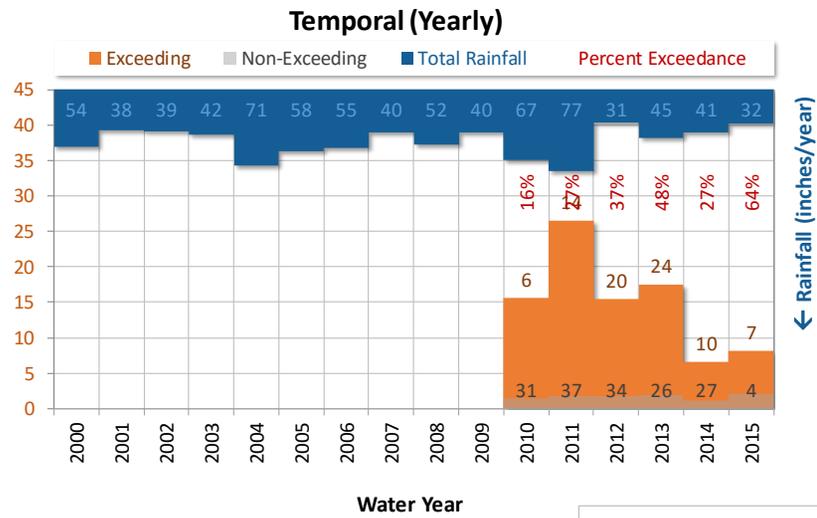
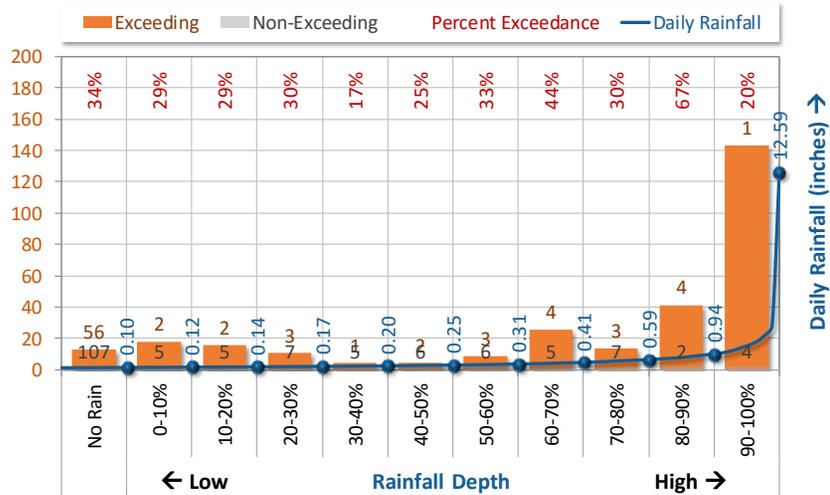


Figure C-16. Enterococcus at Green Cay Beach (STC-36), STXEEMP, St. Croix



### Wet Days (Rainfall Depth)



### Dry Days (Days after Rainfall)

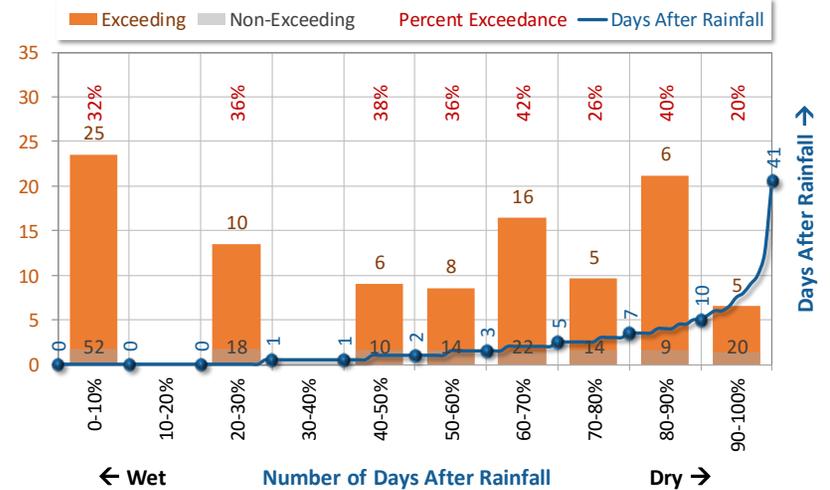


Figure C-17. Turbidity at Green Cay Beach (STC-36), STXEEMP, St. Croix

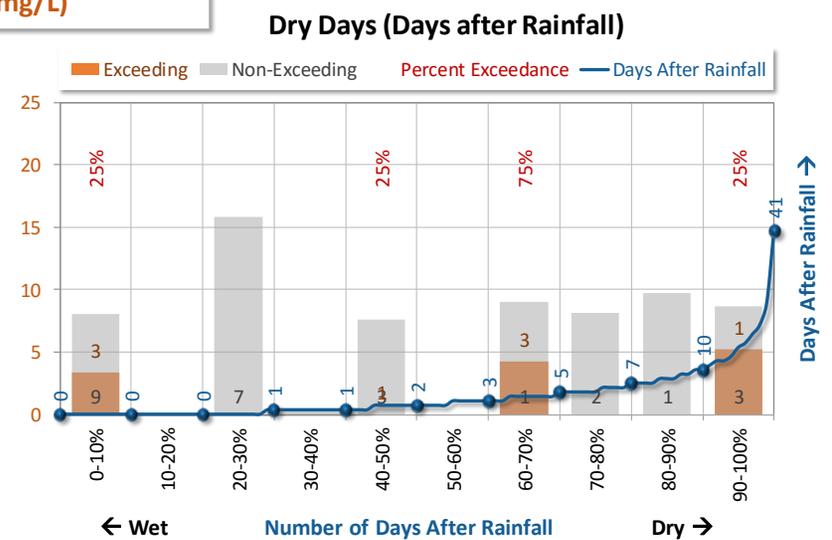
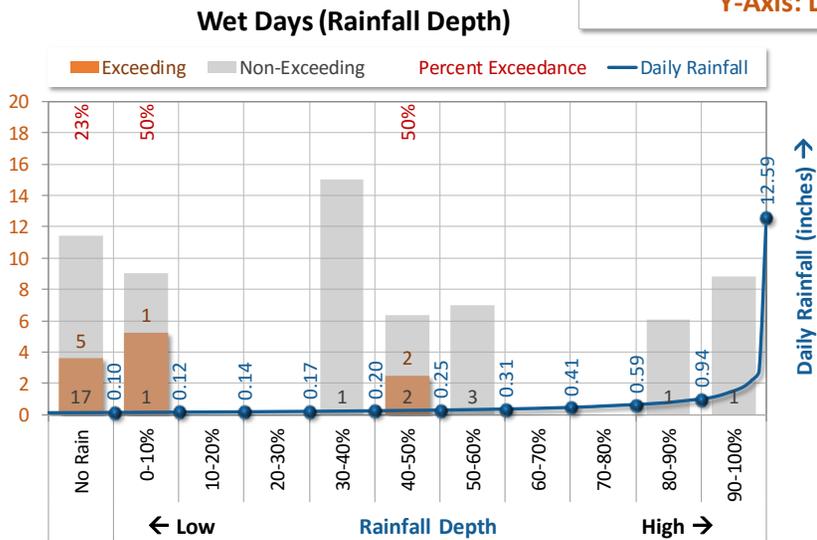
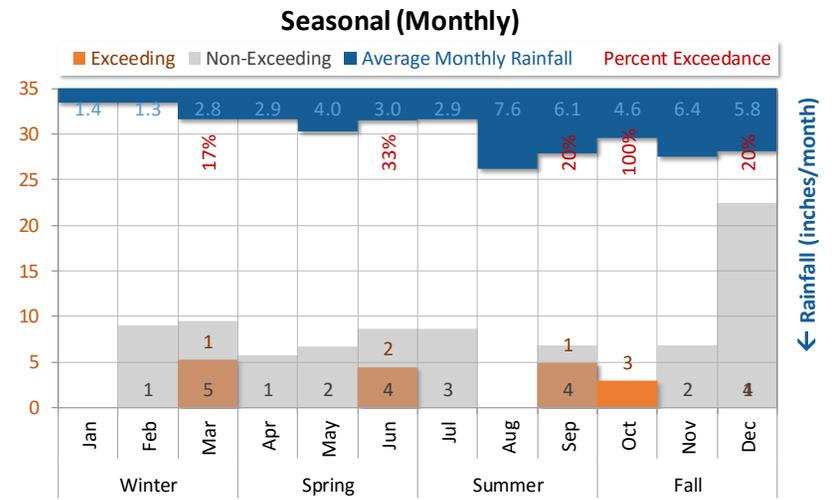
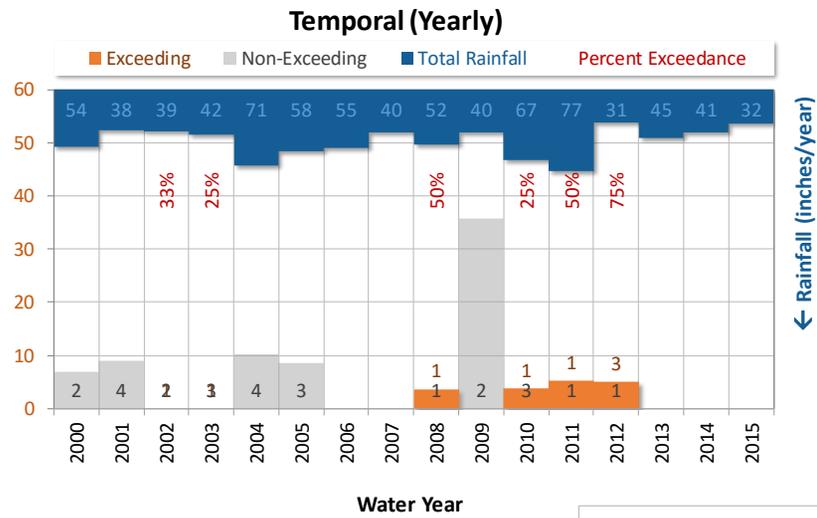
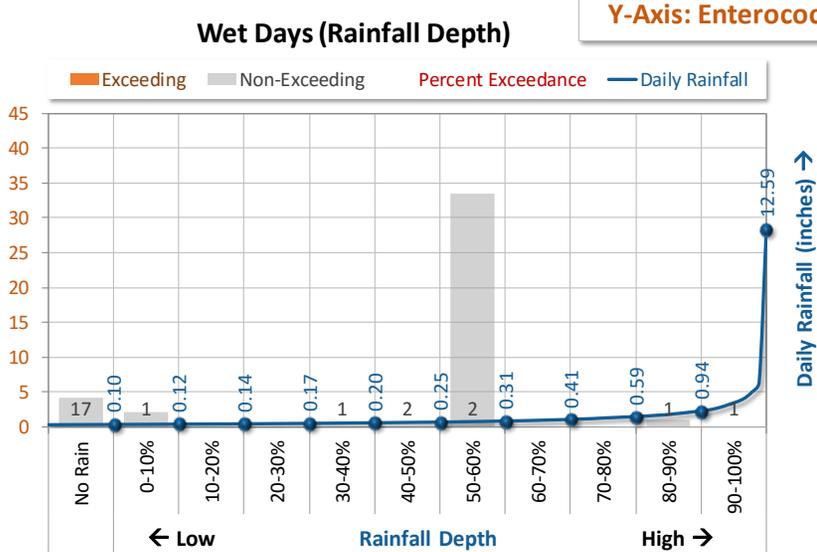
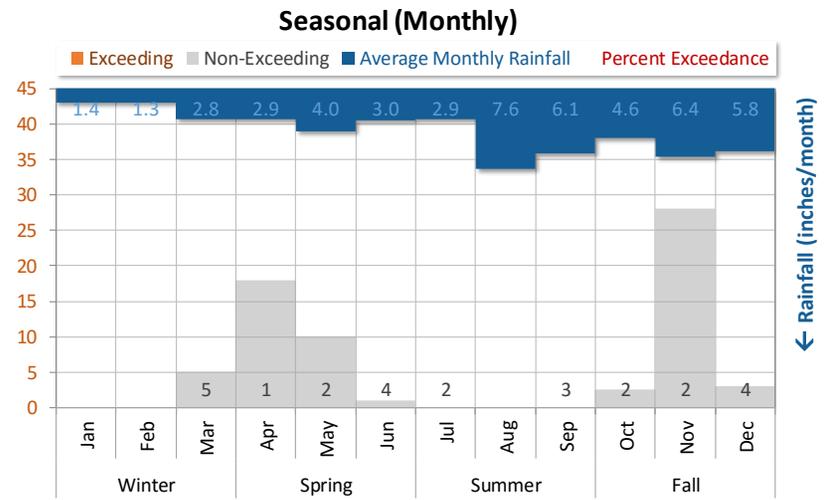
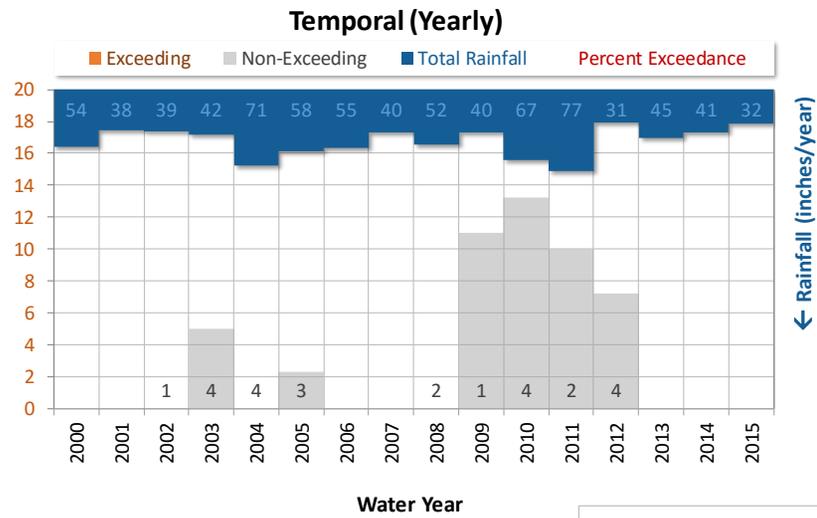


Figure C-18. DO at Southgate, offshore (STC-37), STXEEMP, St. Croix



Y-Axis: Enterococcus (MPN/100 mL)

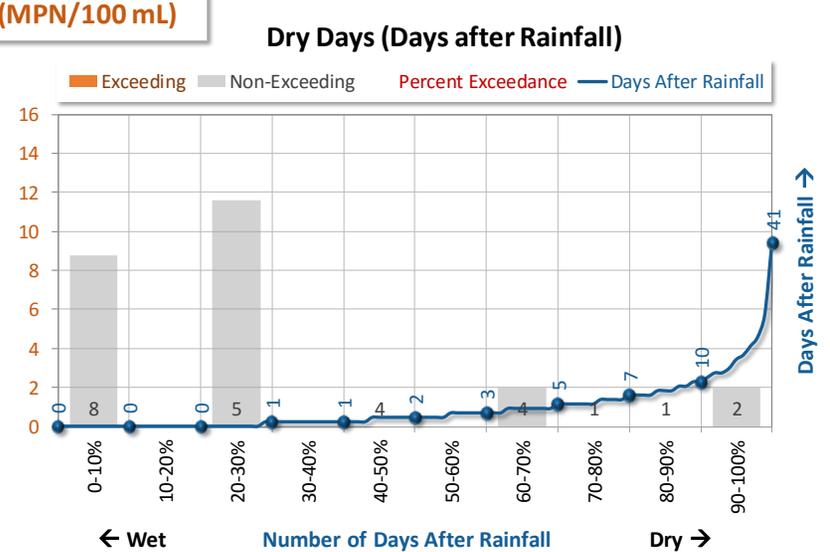


Figure C-19. Enterococcus at Southgate, offshore (STC-37), STXEEMP, St. Croix

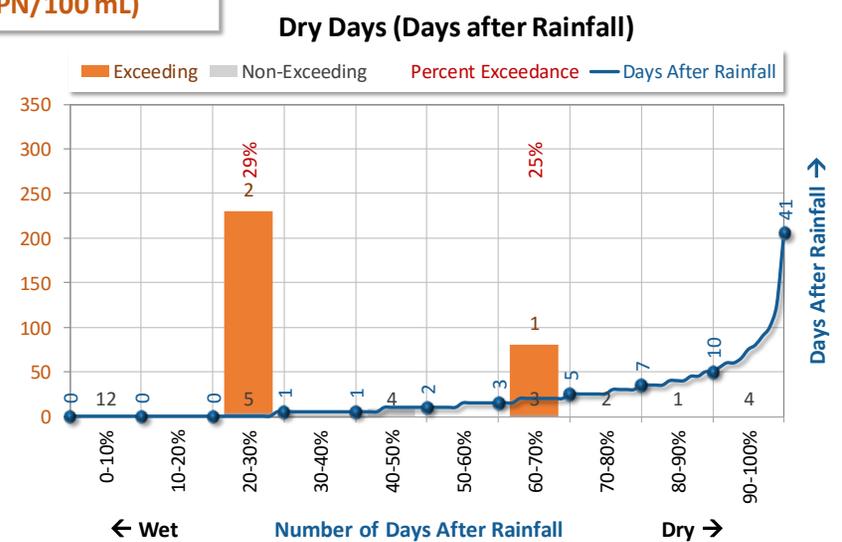
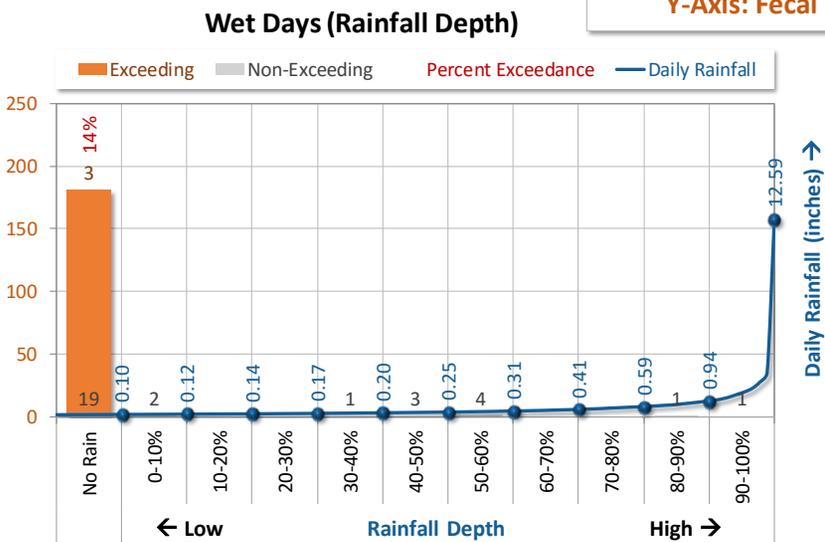
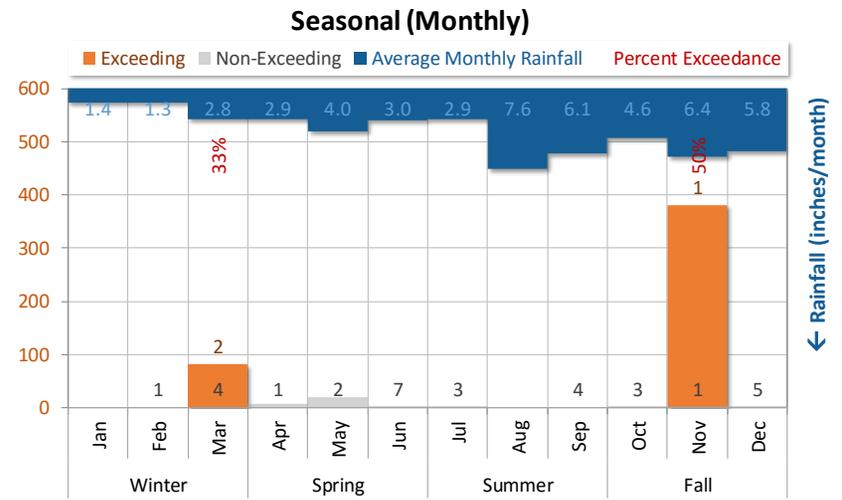
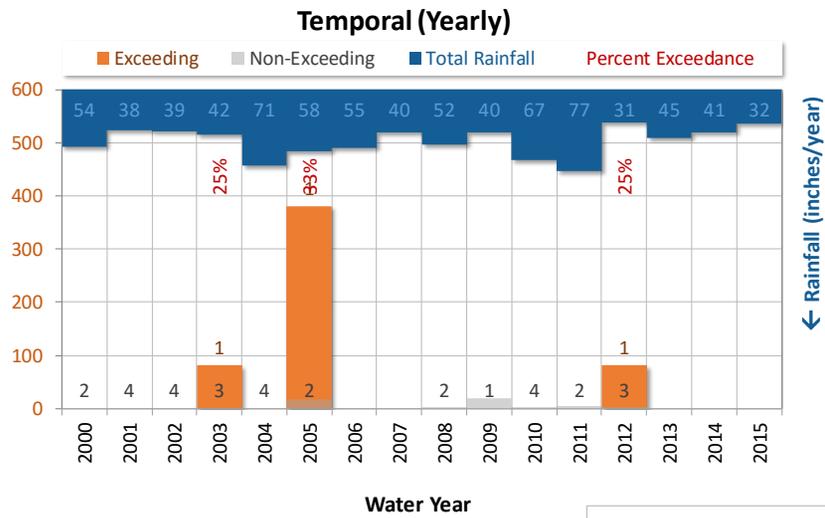


Figure C-20. Fecal Coliform at Southgate, offshore (STC-37), STXEEMP, St. Croix

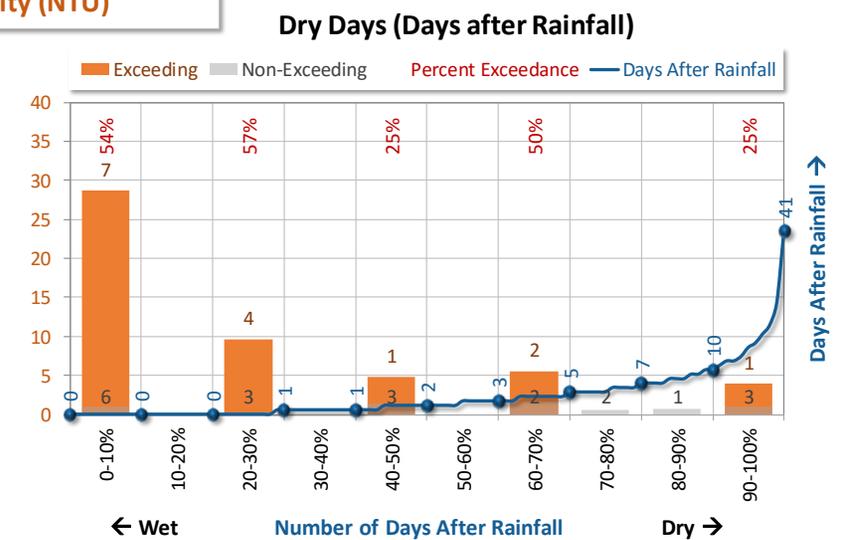
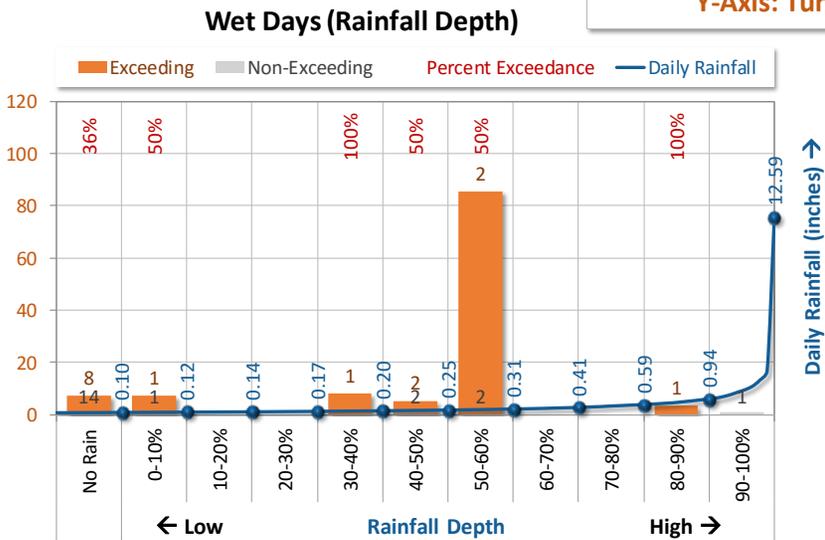
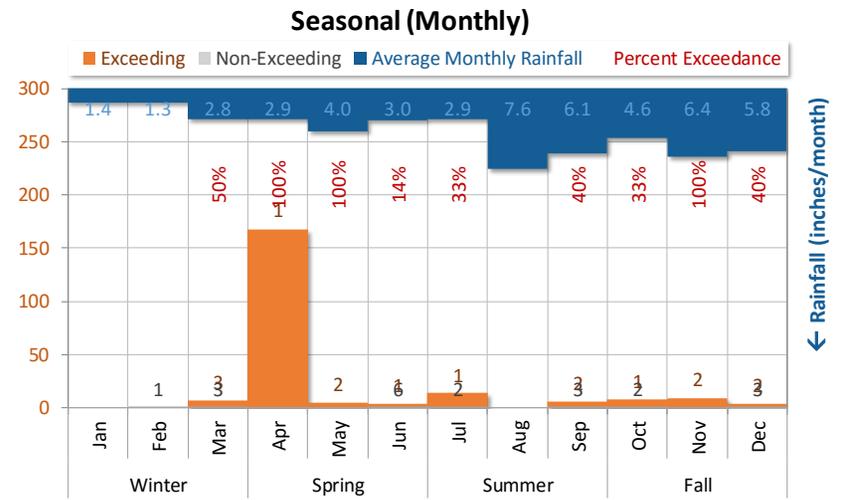
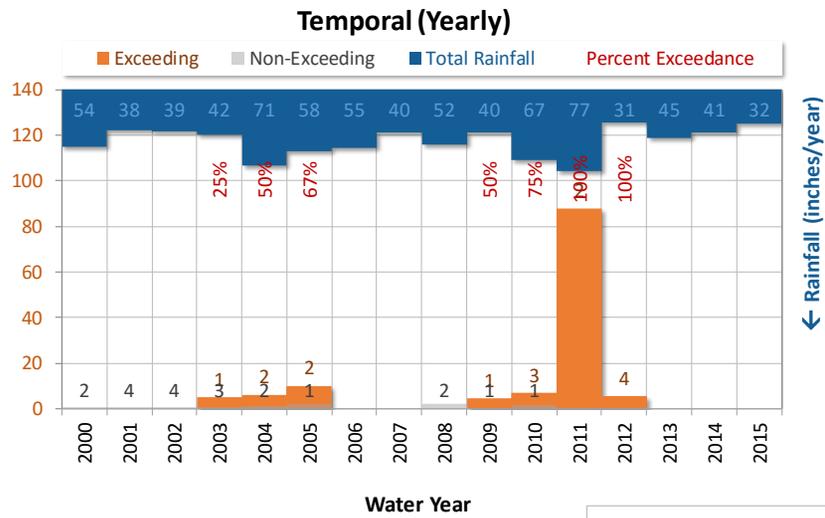


Figure C-21. Turbidity at Southgate, offshore (STC-37), STXEEMP, St. Croix

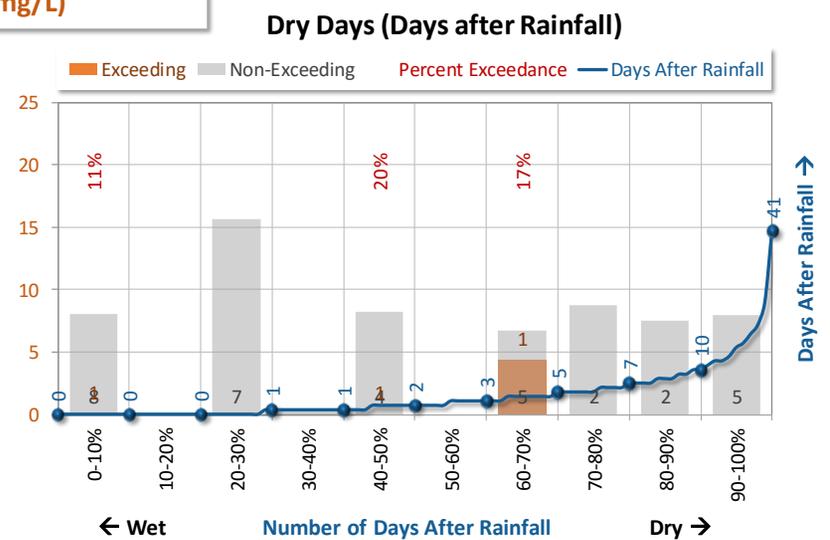
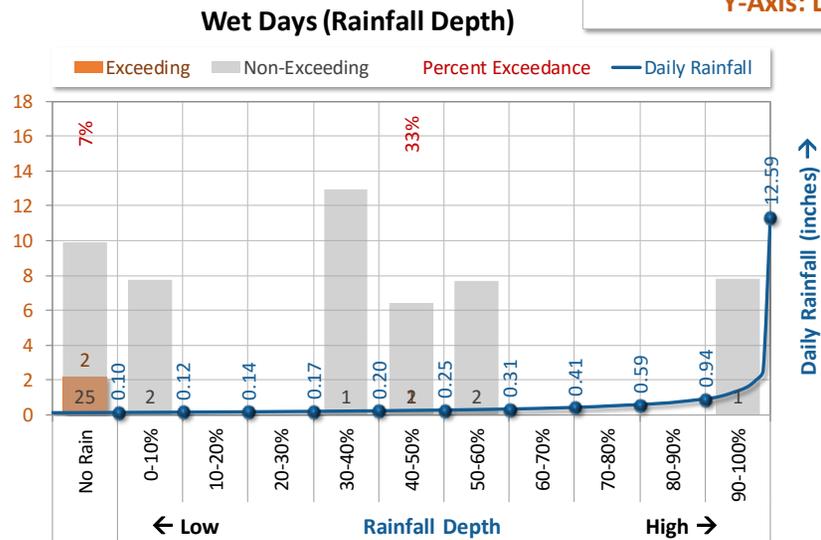
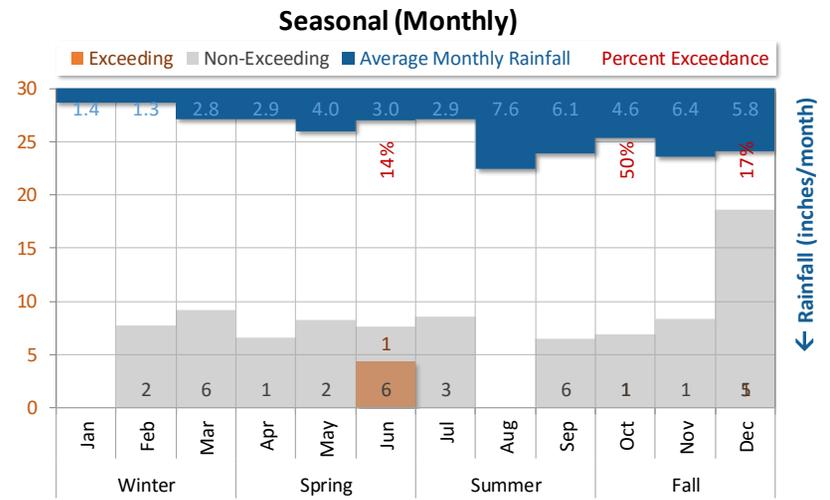
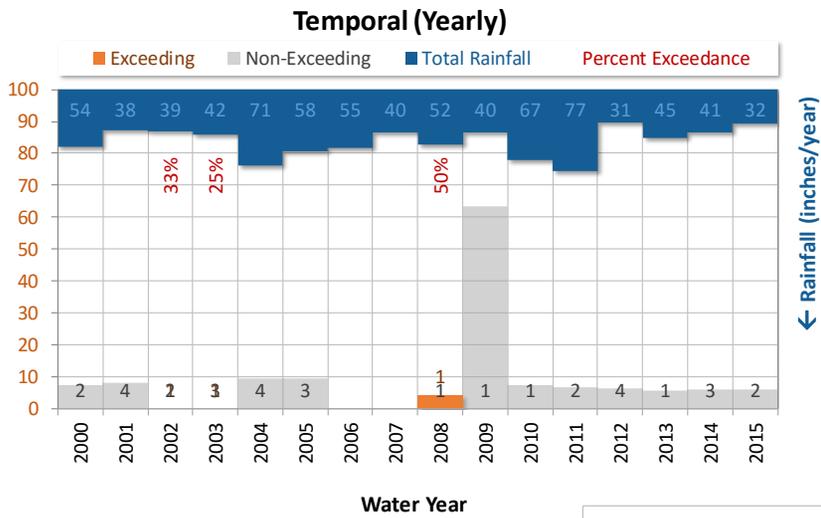
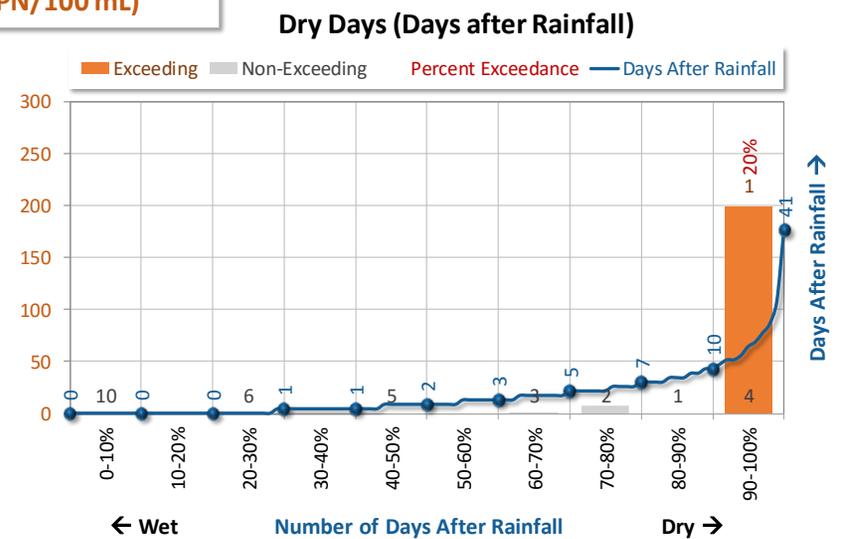
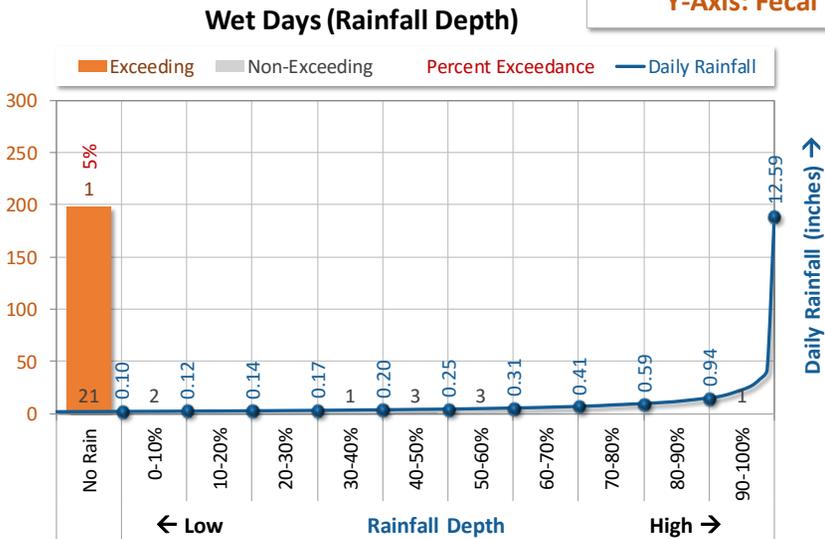
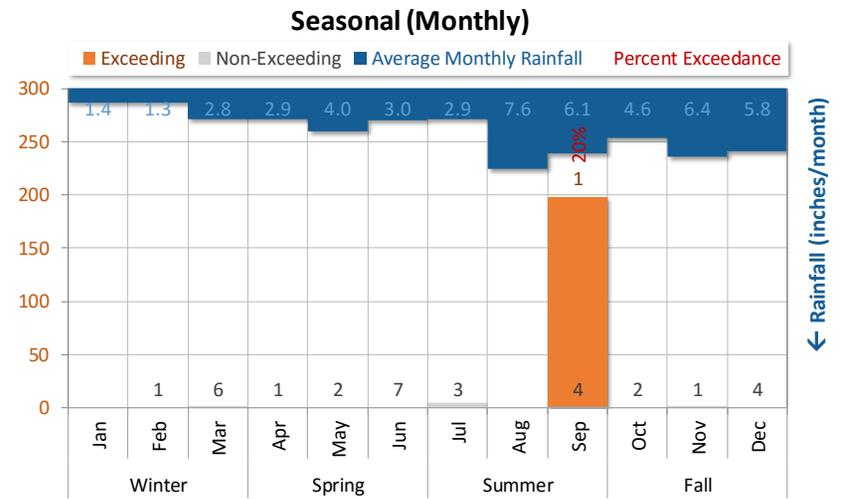
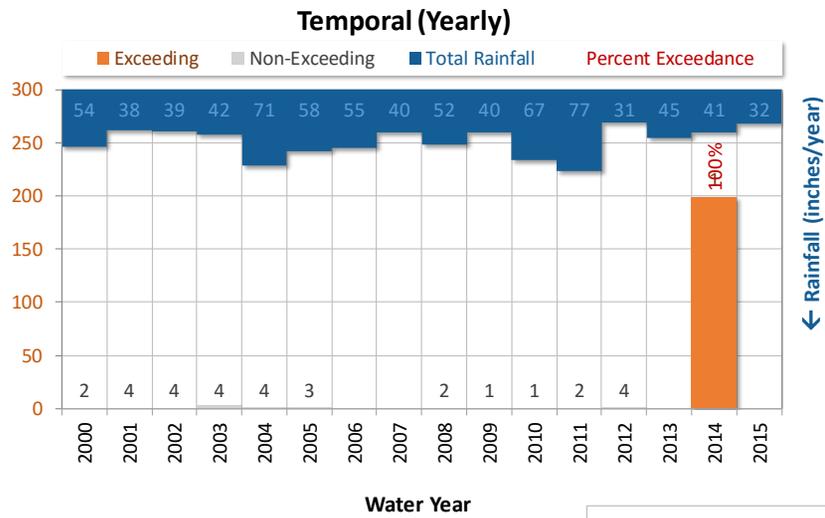


Figure C-22. DO at Teague Bay (STC-39), STXEEMP, St. Croix



Y-Axis: Fecal (MPN/100 mL)

Figure C-23. Fecal Coliform at Teague Bay (STC-39), STXEEMP, St. Croix

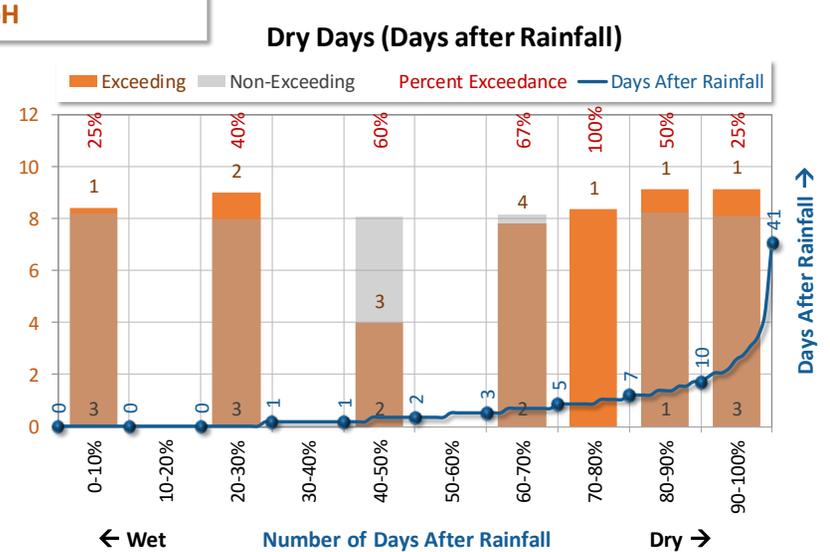
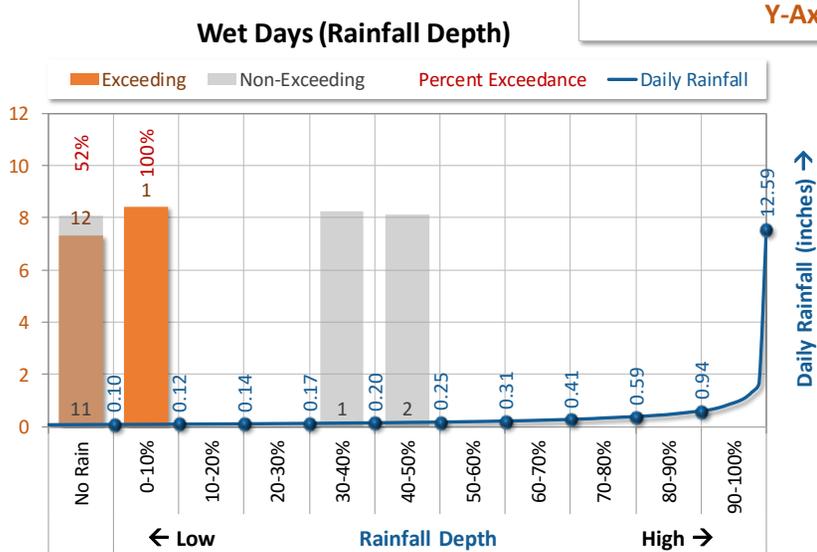
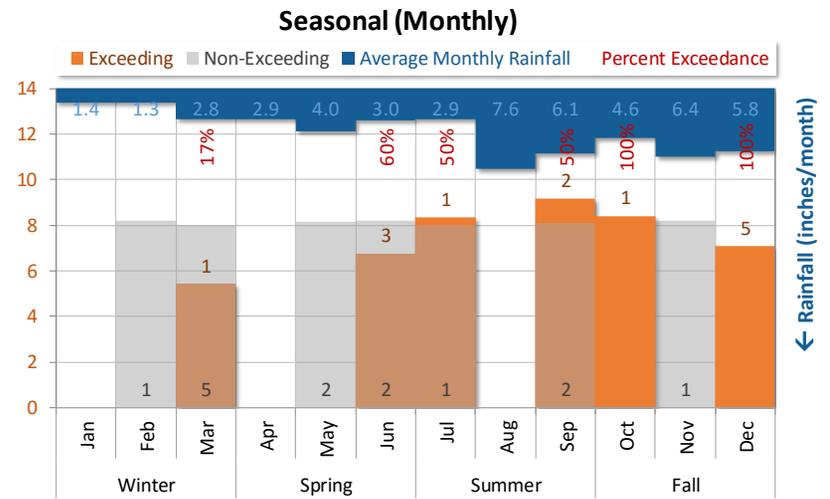
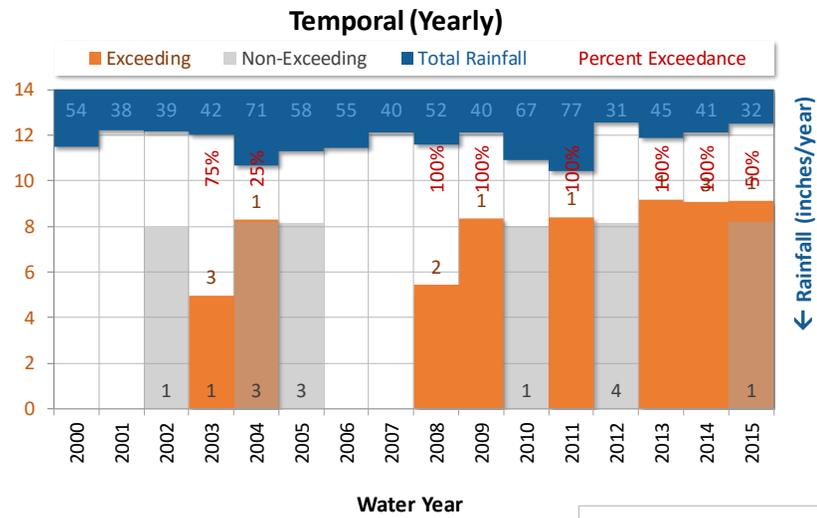


Figure C-24. pH at Teague Bay (STC-39), STXEEMP, St. Croix

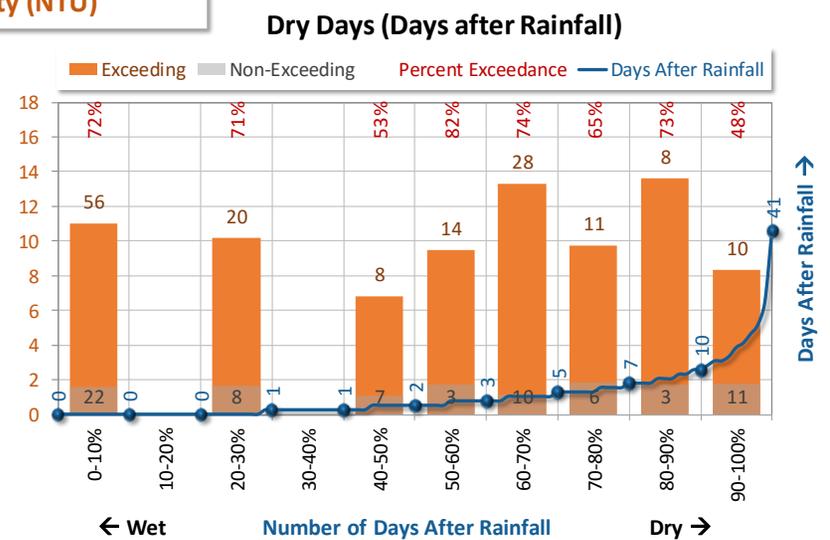
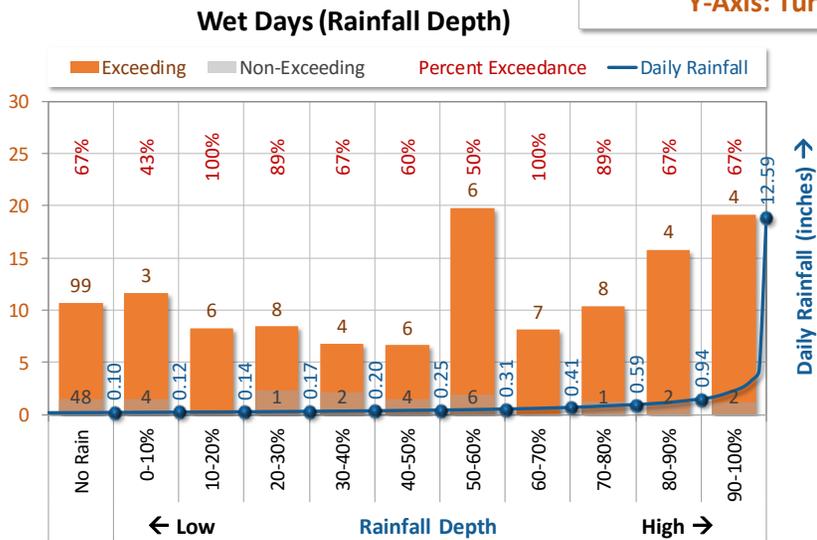
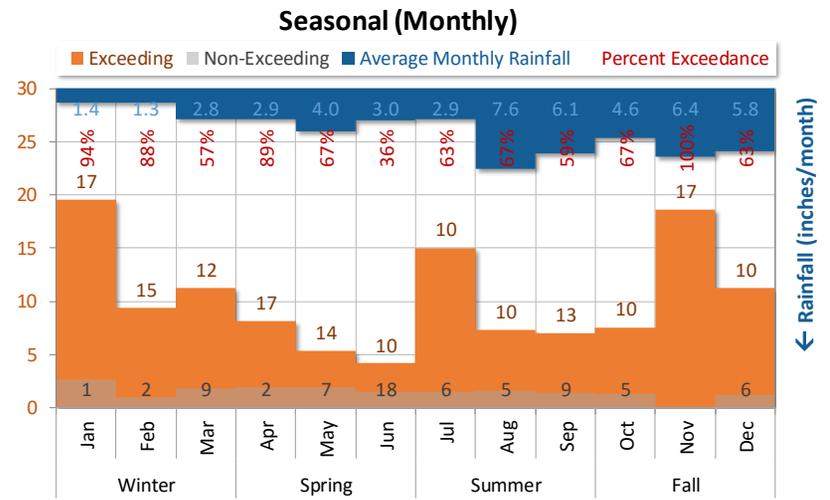
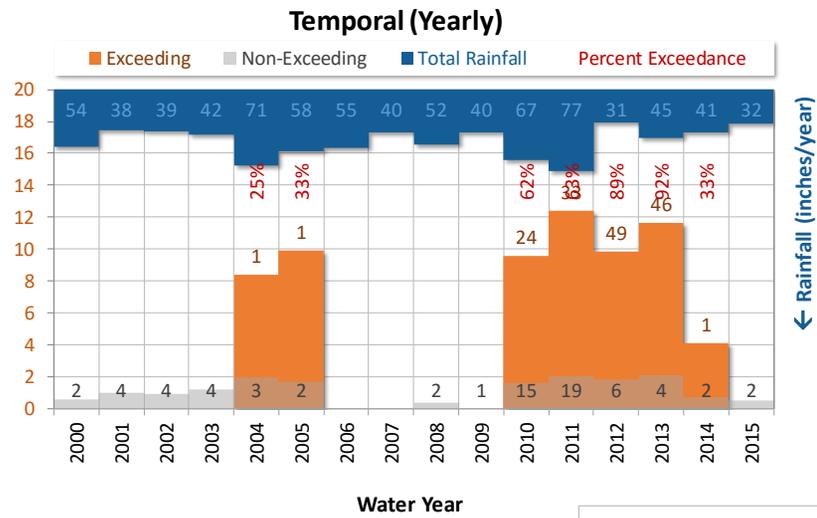
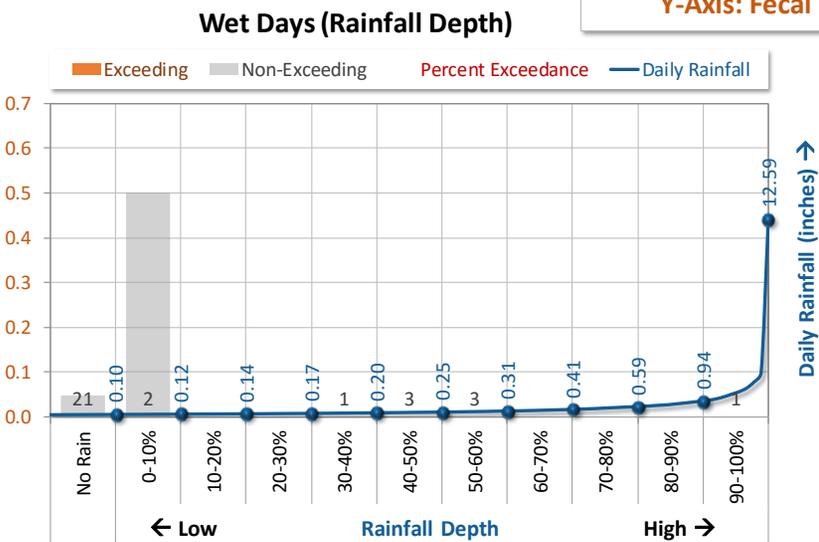
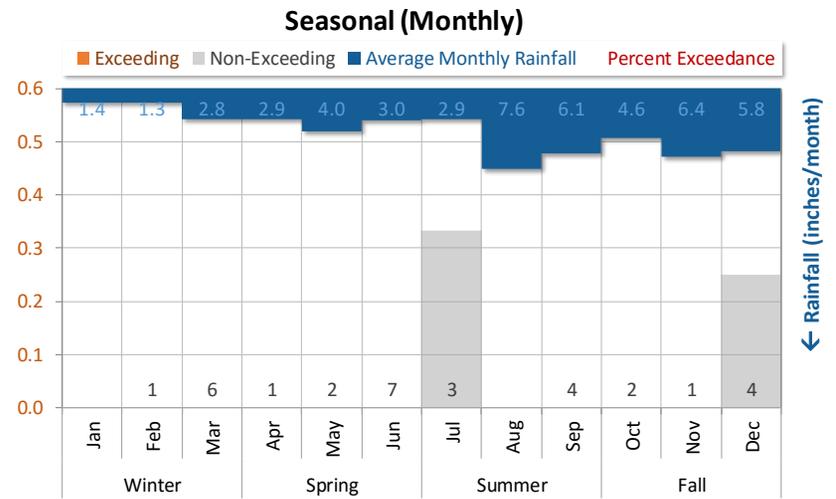
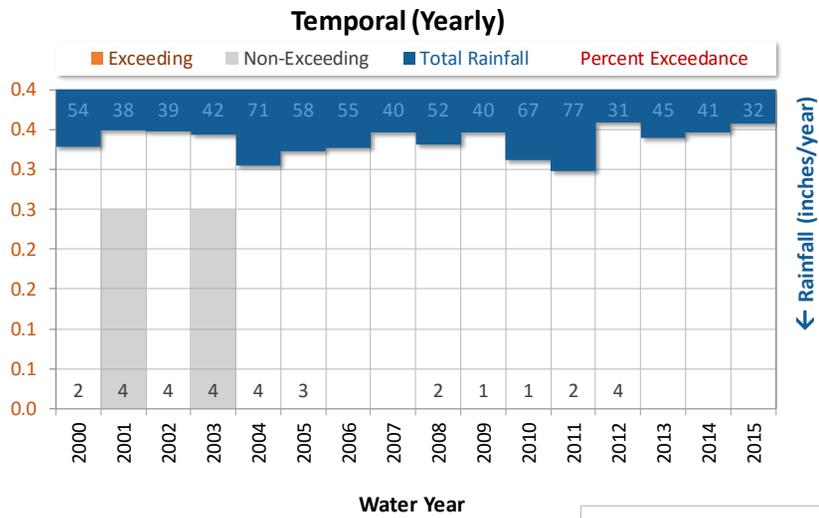


Figure C-25. Turbidity at Teague Bay (STC-39), STXEEMP, St. Croix



Y-Axis: Fecal (MPN/100 mL)

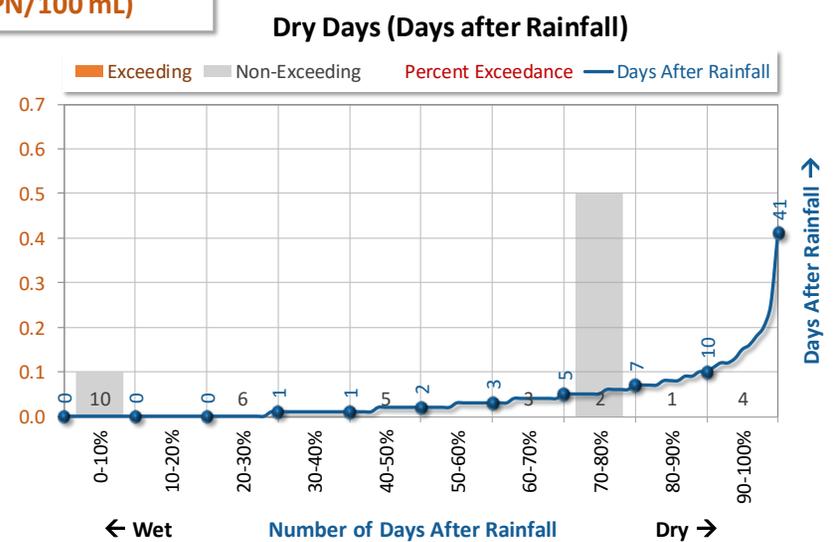


Figure C-26. Fecal Coliform at Teague Bay Backreef (STC-40), STXEEMP, St. Croix

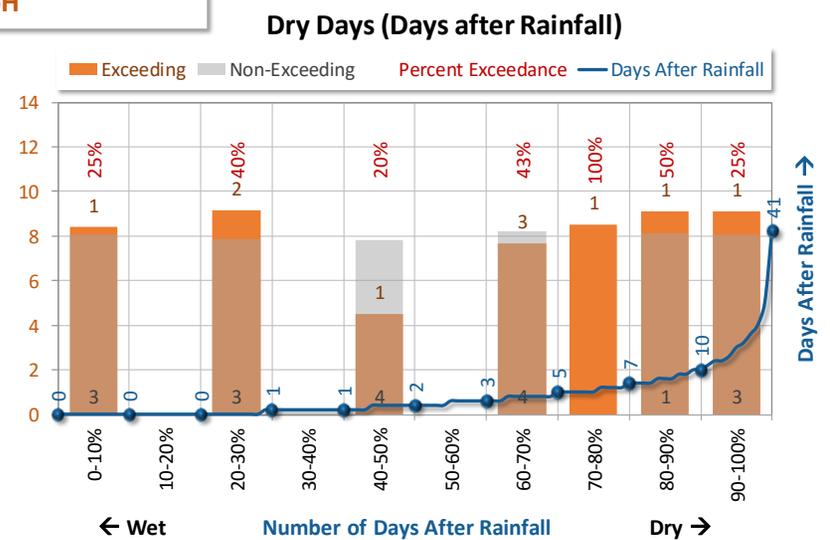
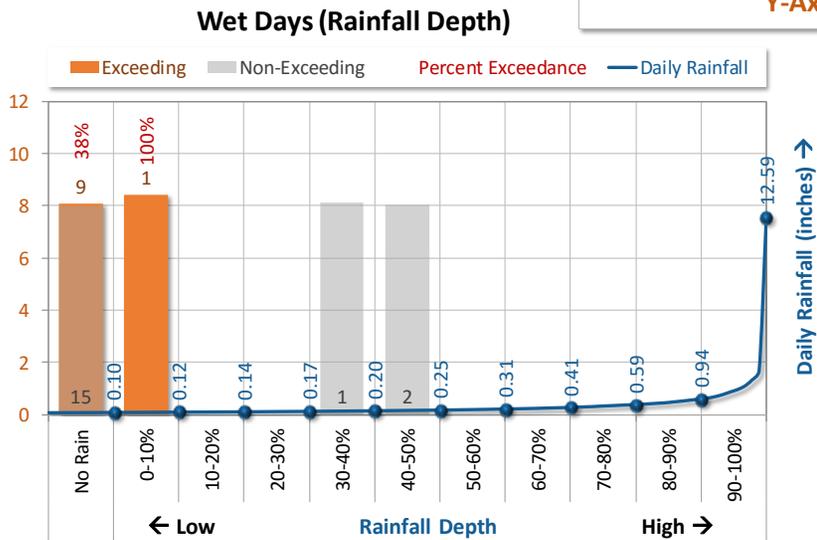
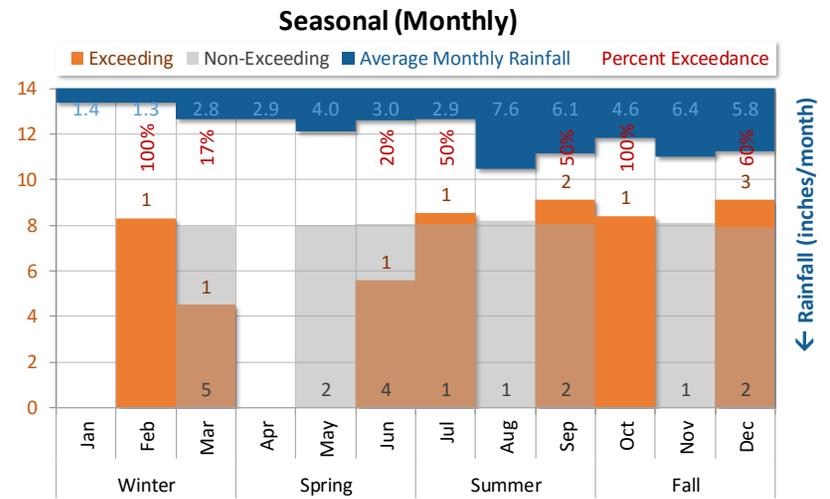
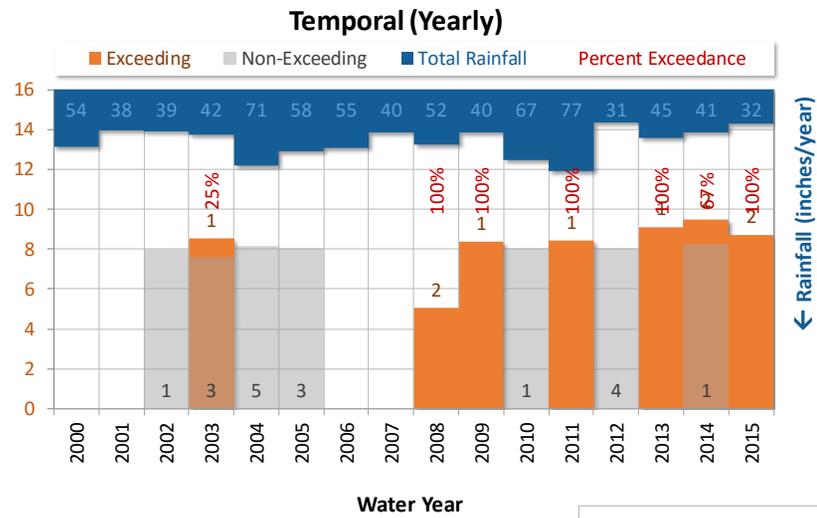


Figure C-27. pH at Teague Bay Backreef (STC-40), STXEEMP, St. Croix

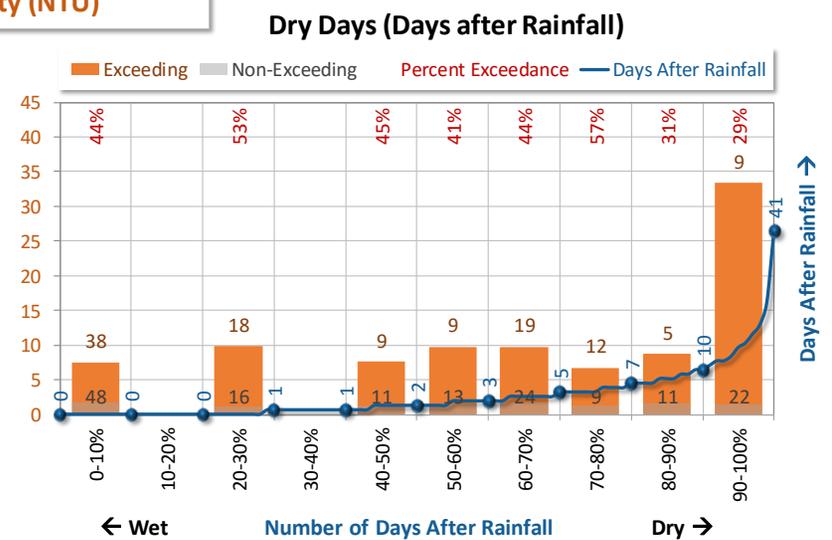
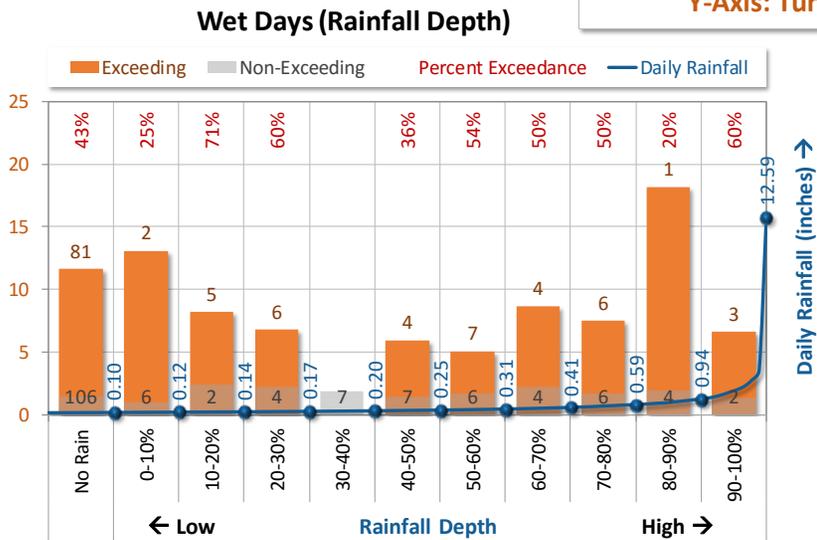
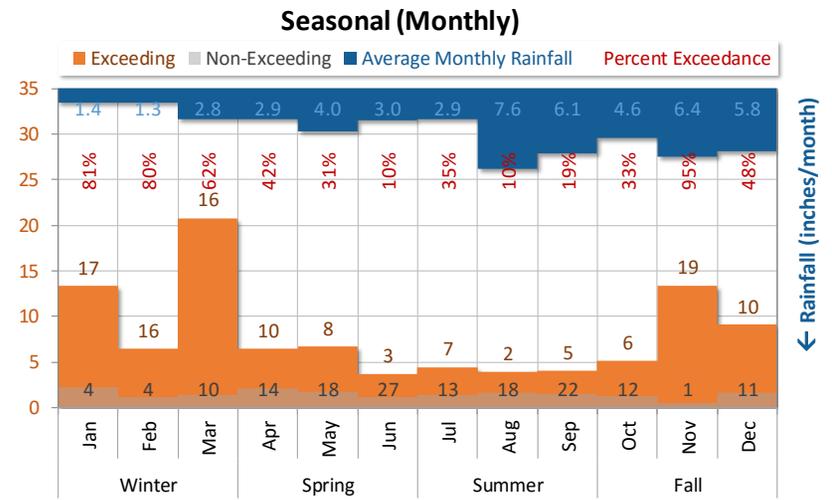
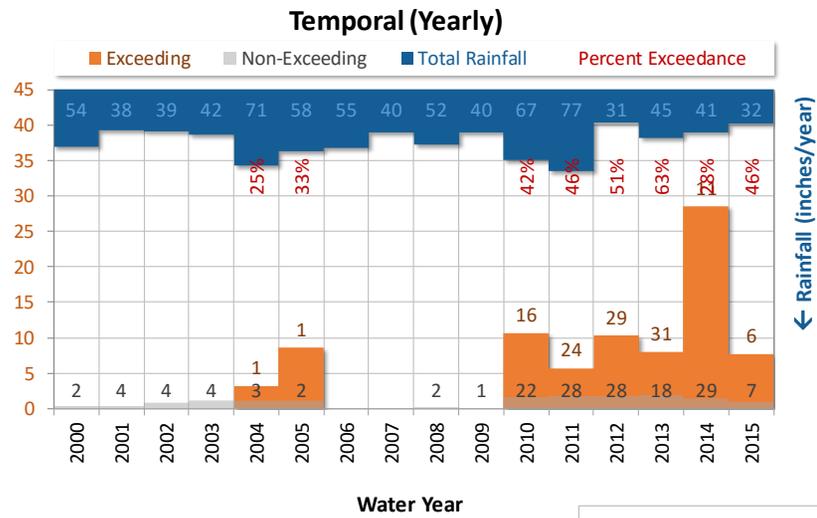


Figure C-28. Turbidity at Teague Bay Backreef (STC-40), STXEEMP, St. Croix

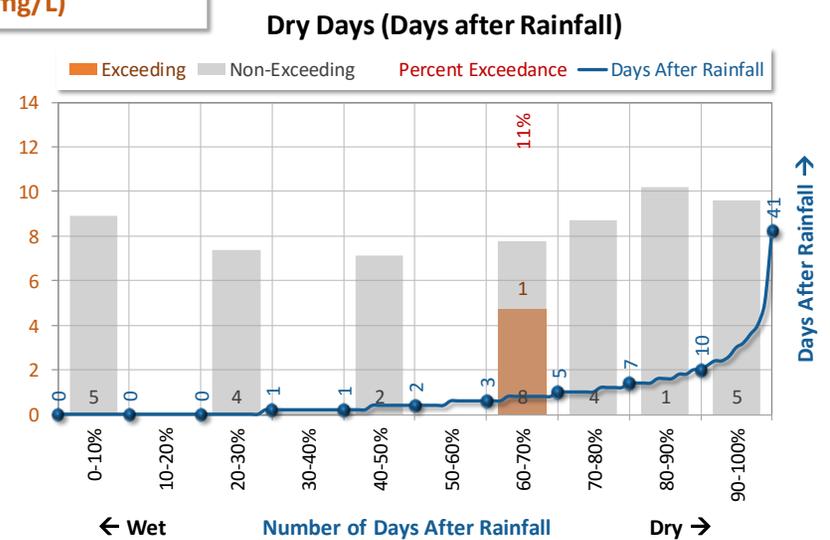
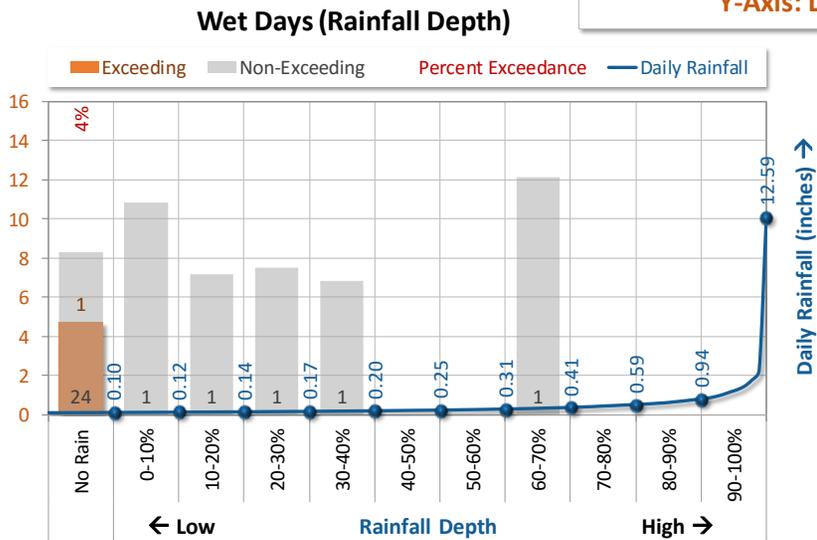
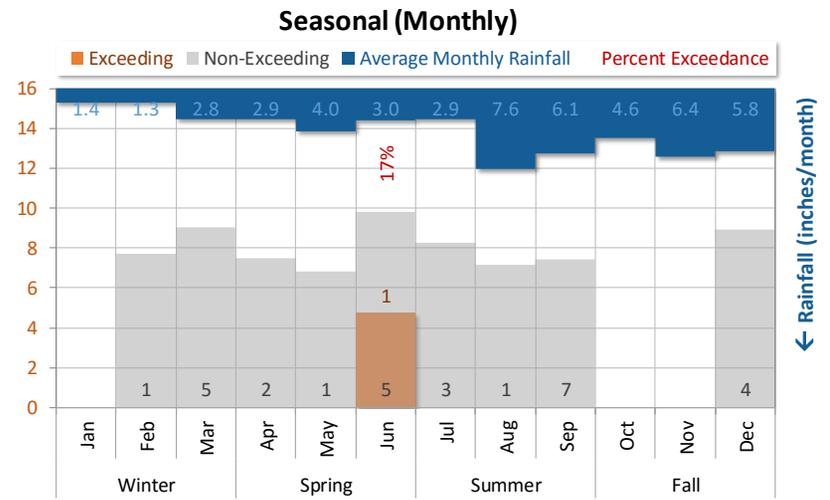
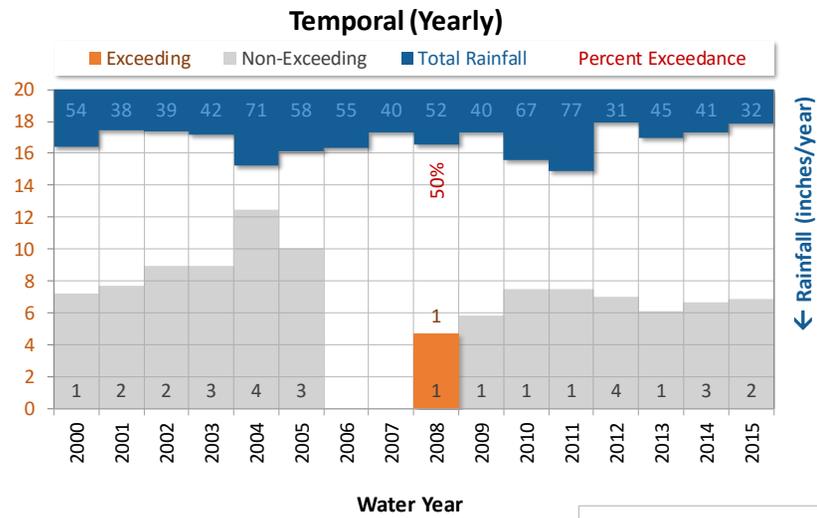


Figure C-29. DO at Grapetree Bay (STC-46), STXEEMP, St. Croix

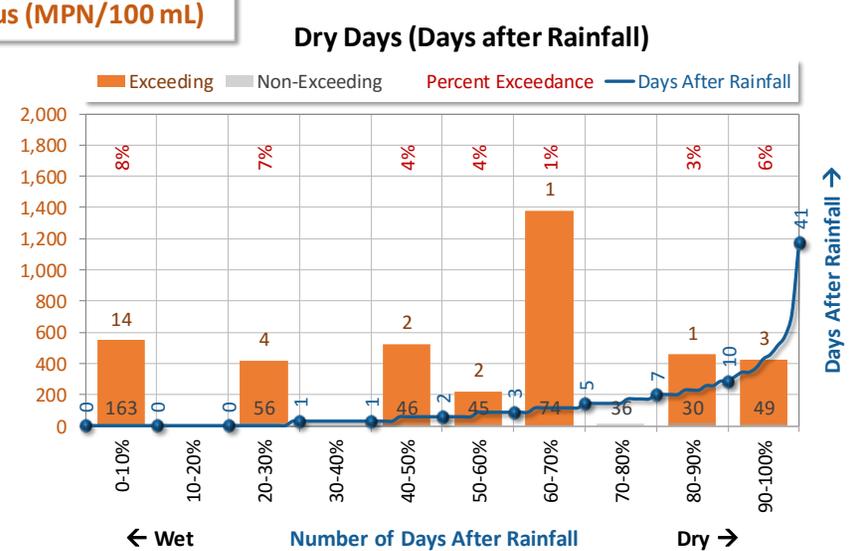
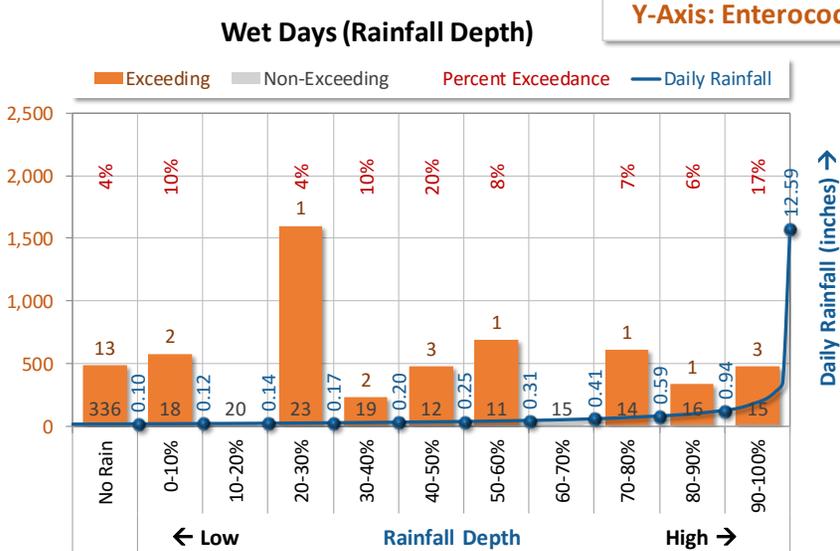
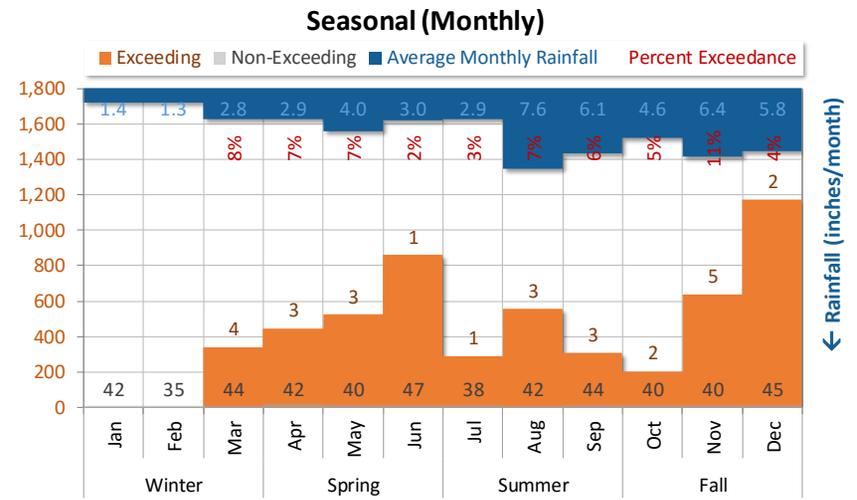
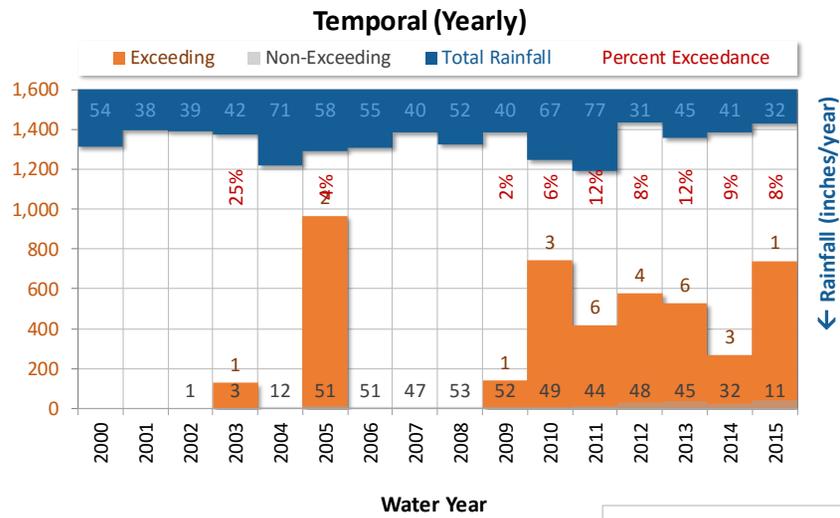


Figure C-30. Enterococcus at Turner Hole Backreef (STC-47), STXEEMP, St. Croix

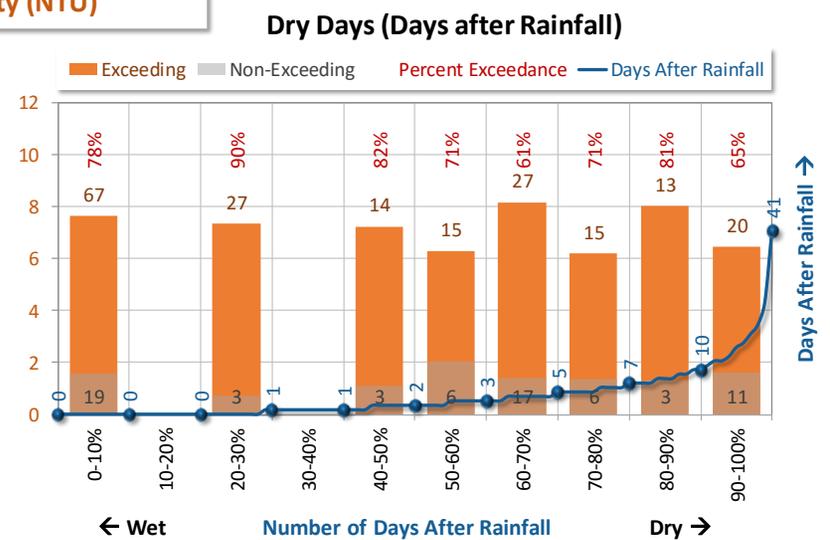
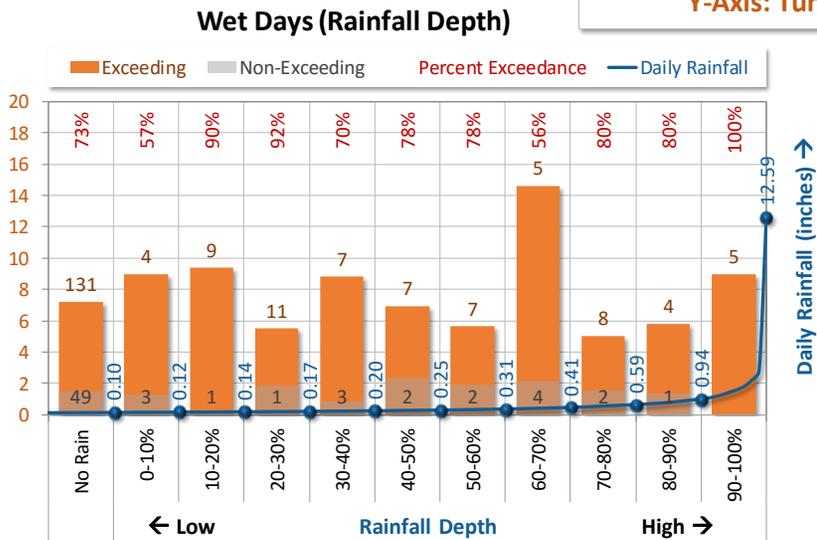
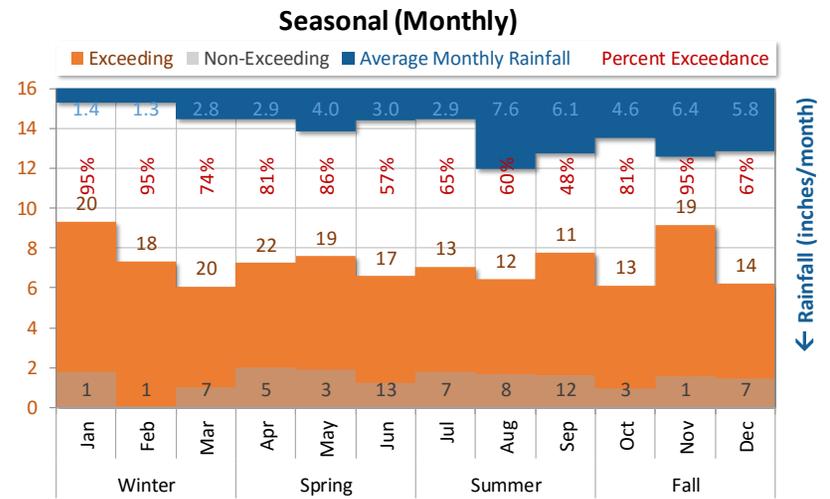
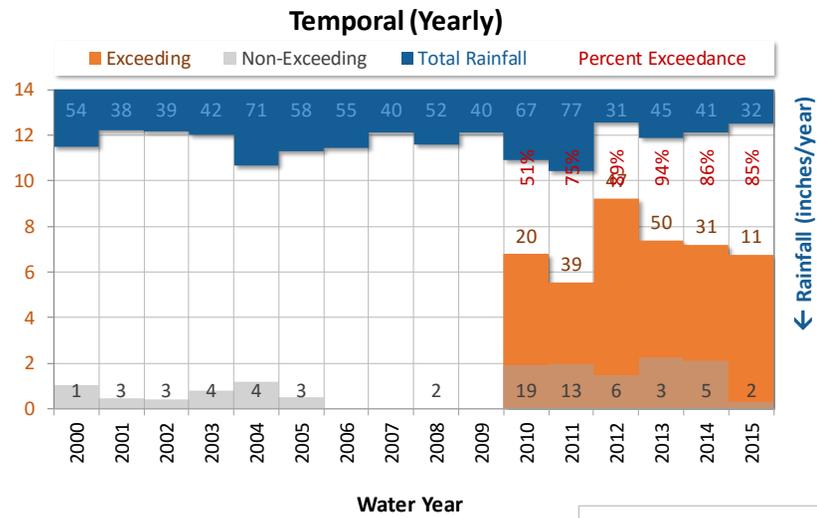


Figure C-31. Turbidity at Turner Hole Backreef (STC-47), STXEEMP, St. Croix