

**Figure 1. Total April-September Rainfall in River Falls, WI: 2004-2013**

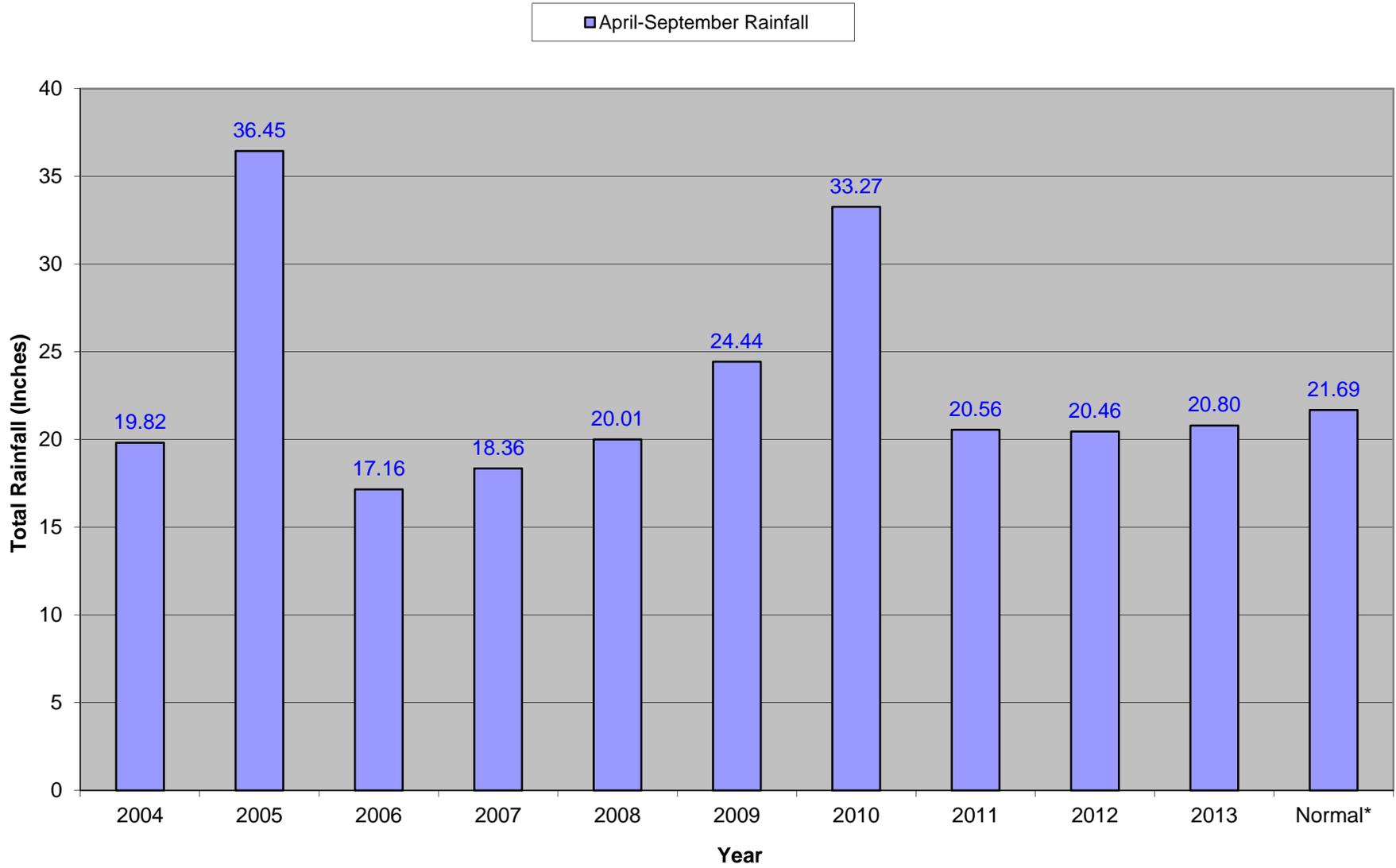
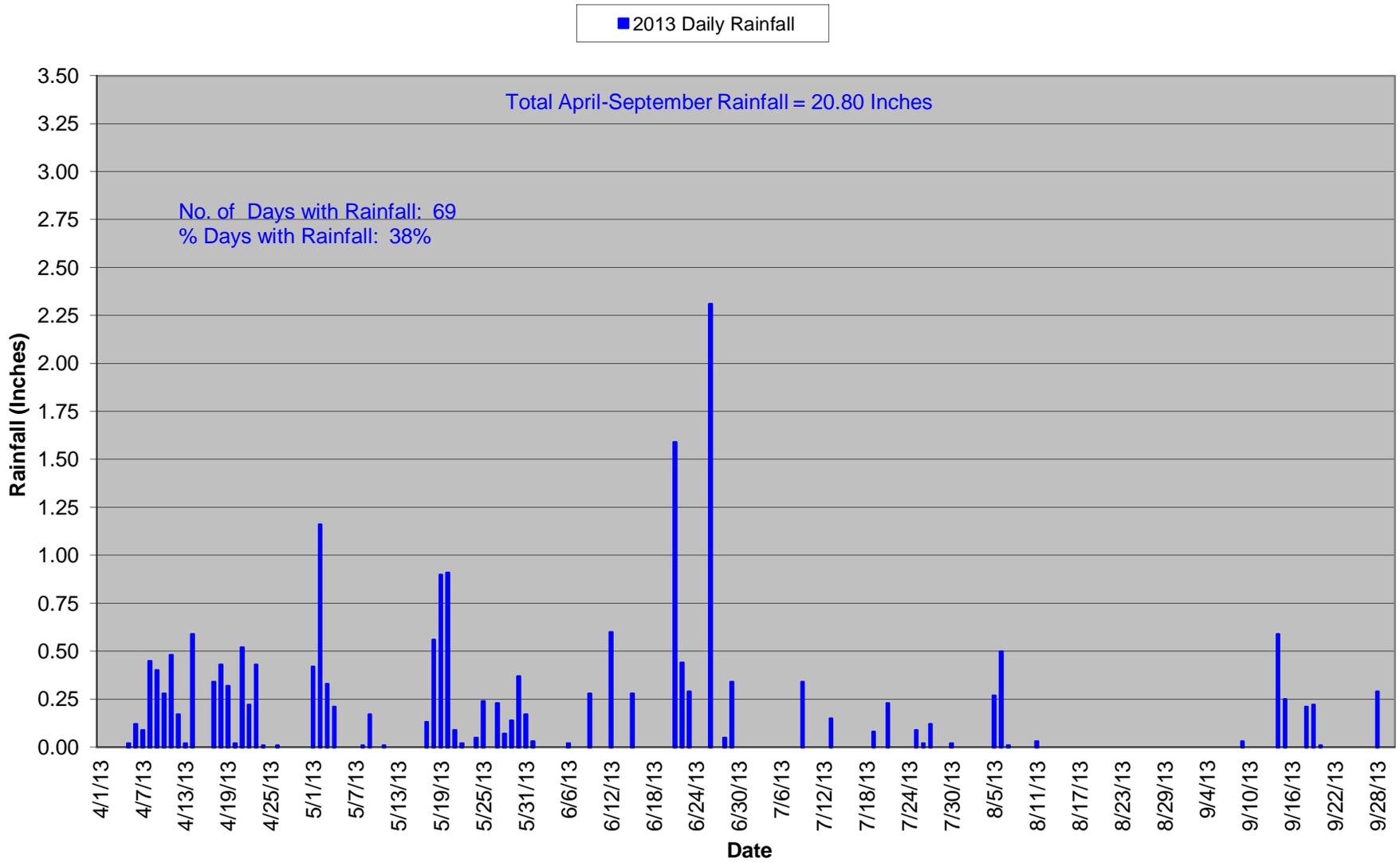
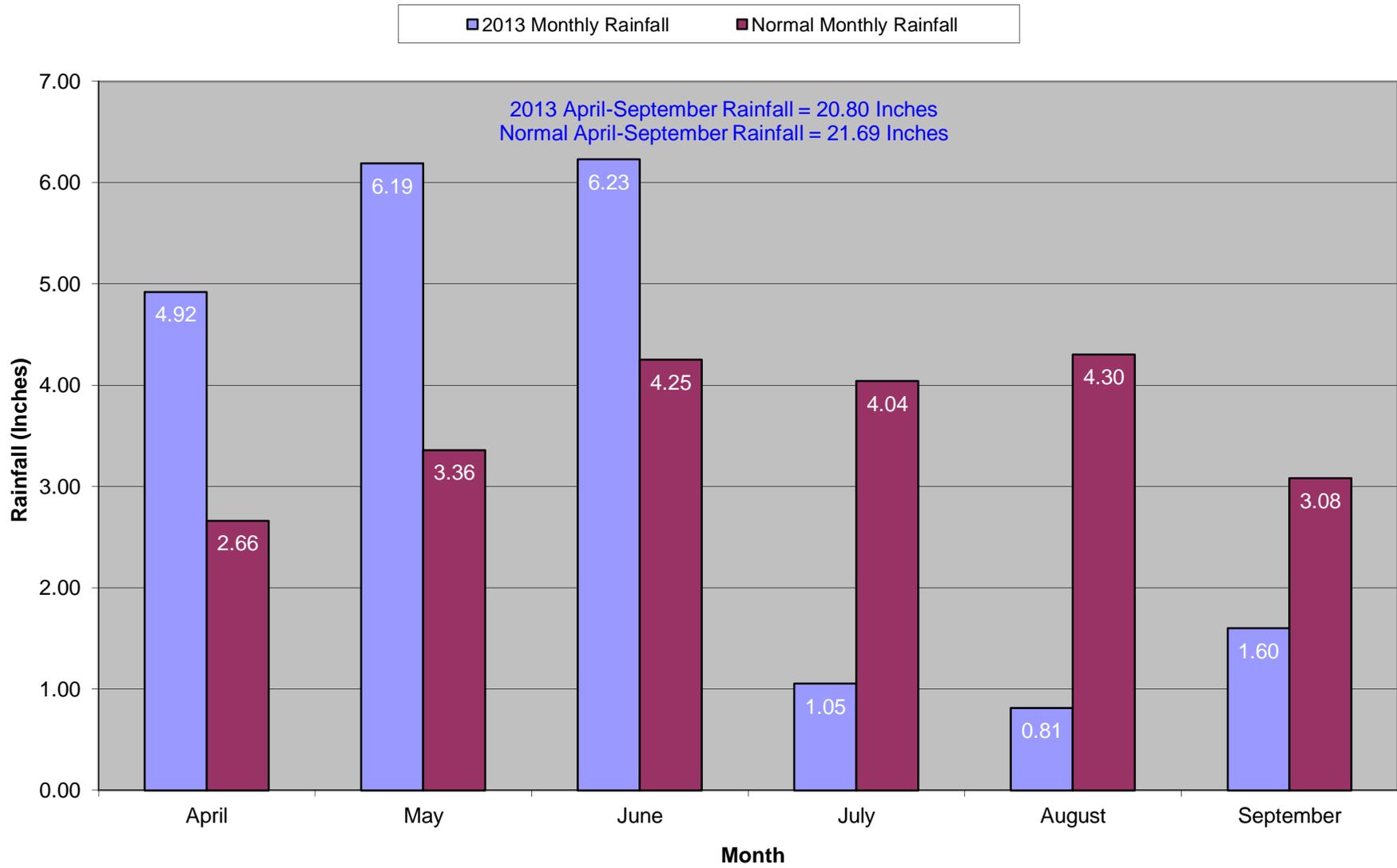


Figure 2. River Falls Daily Rainfall: April-September 2013



**Figure 3. River Falls Monthly Rainfall: April-September 2013**



**Figure 4. River Falls Monthly Mean Air Temperatures: April-September 2013**

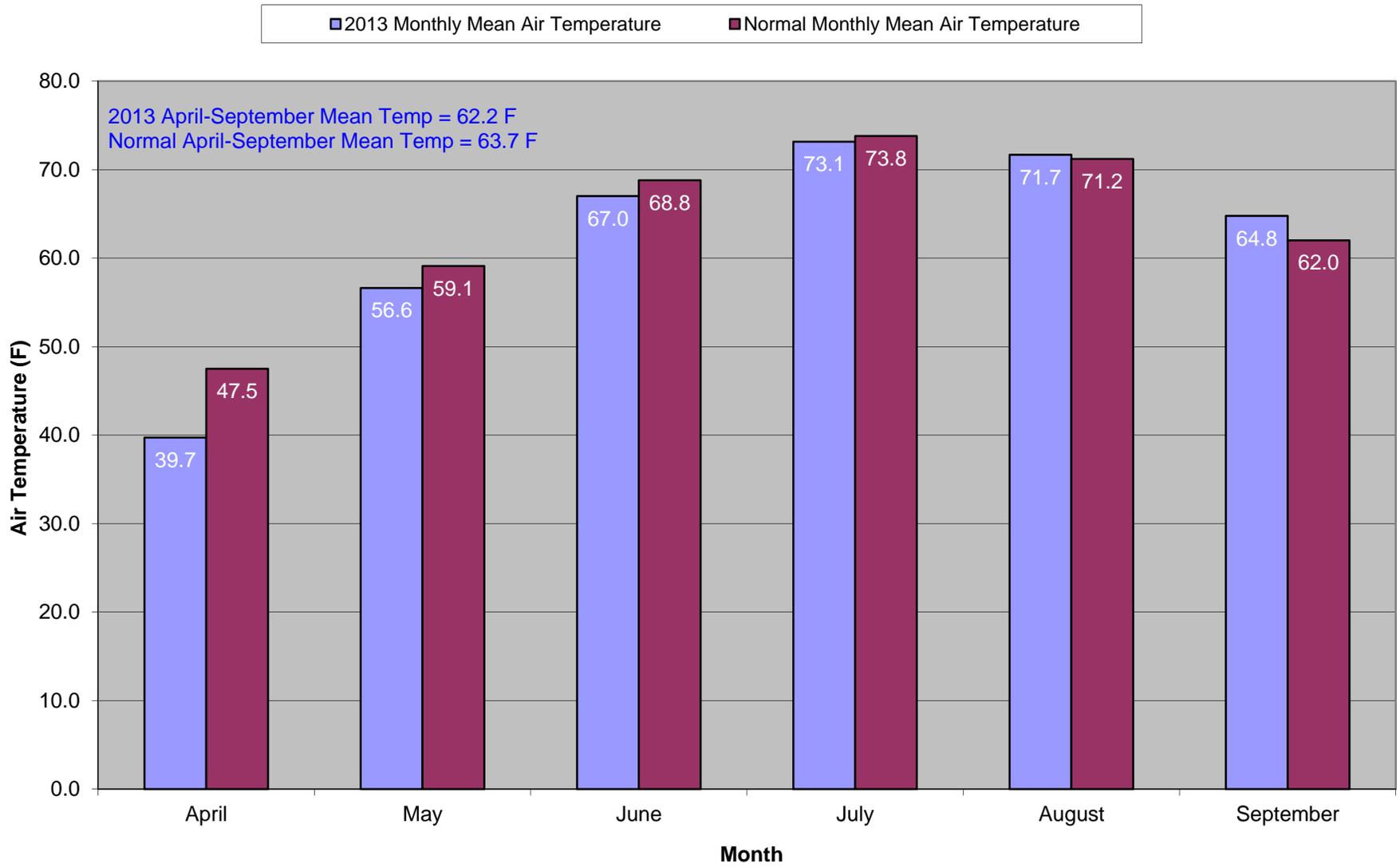
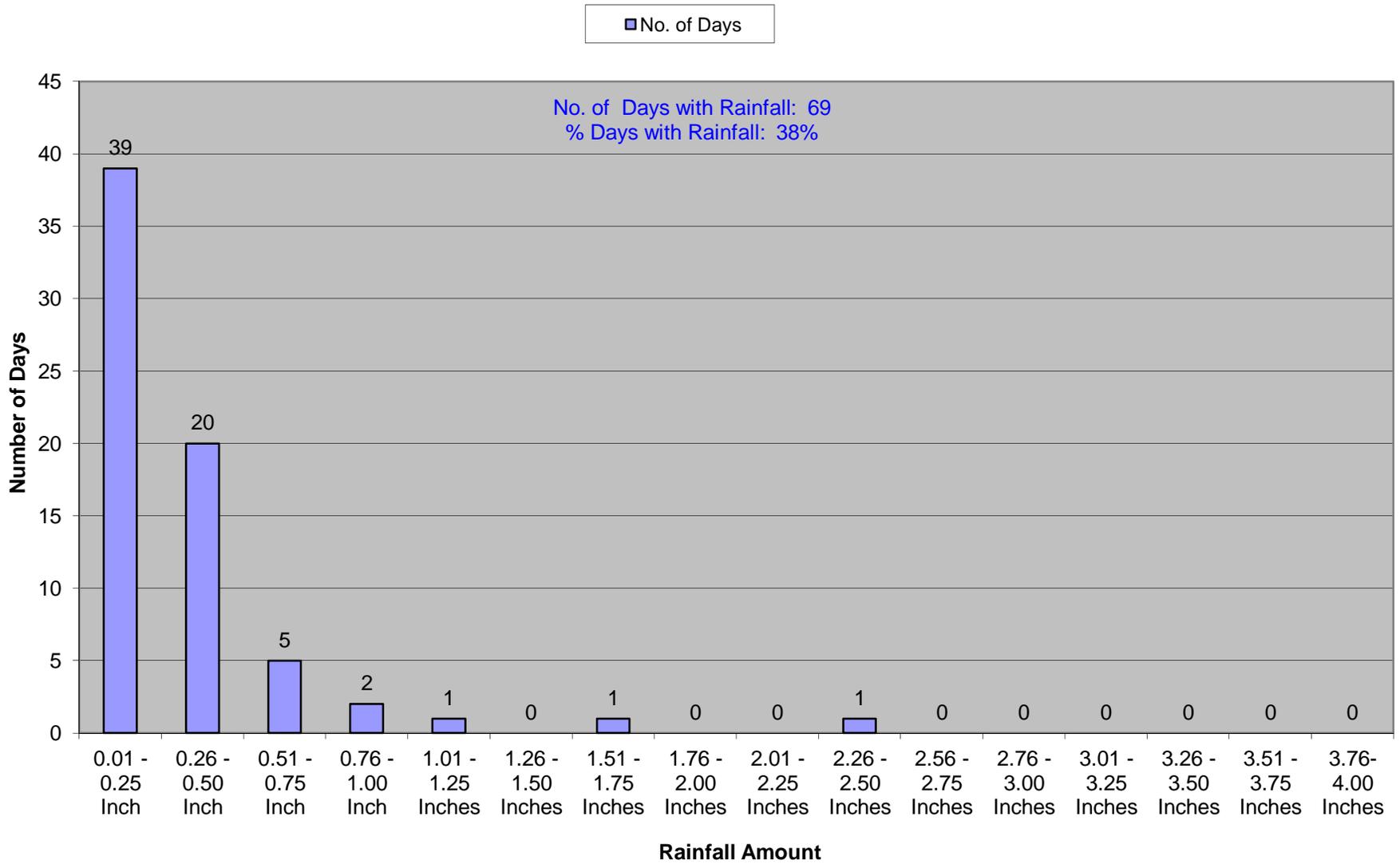
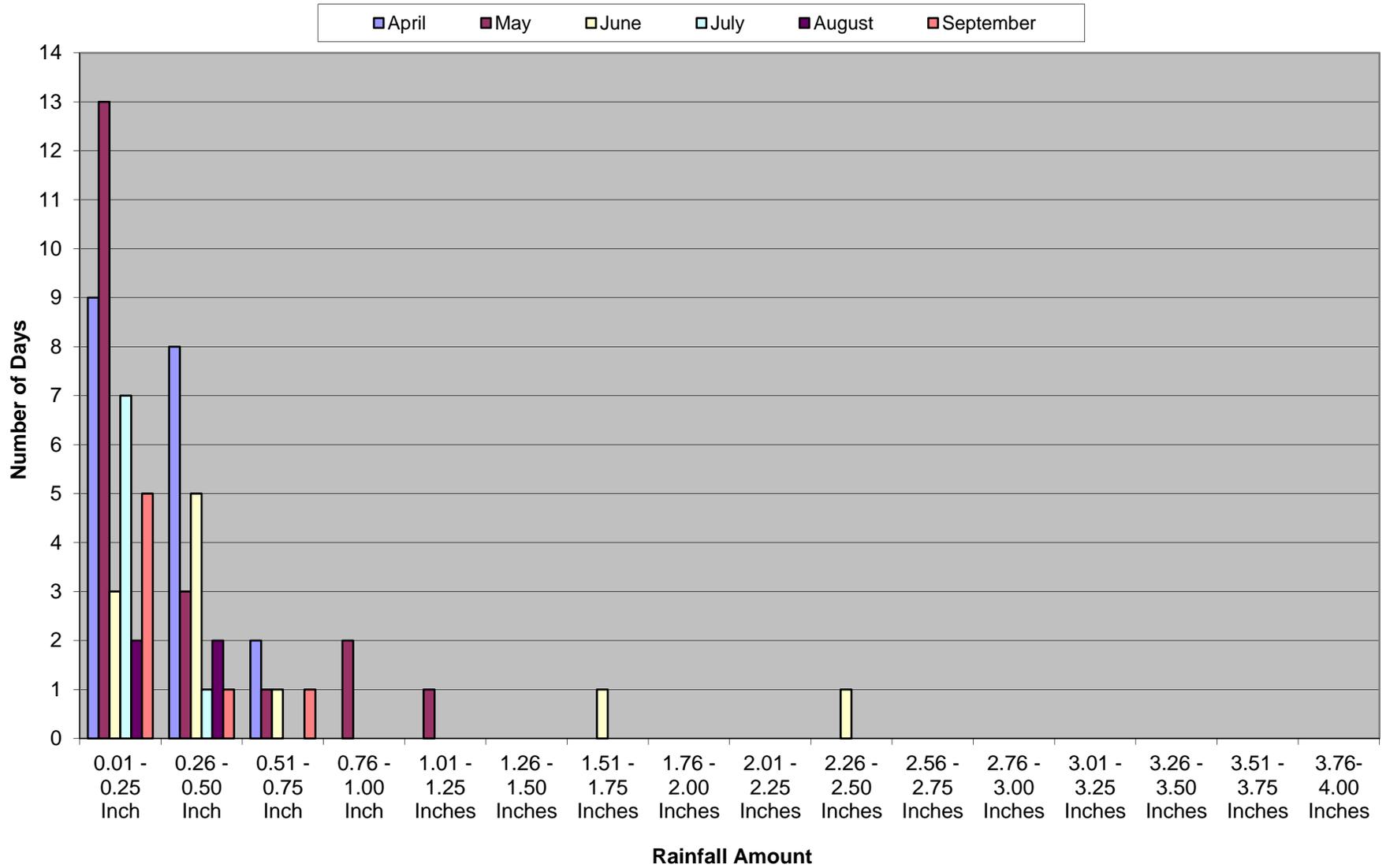


Figure 5. Distribution of River Falls Daily Rainfall: April-September 2013



**Figure 6. Distribution of River Falls Daily Rainfall, by Month: April-September 2013**



**Figure 7. Annual Effectiveness of River Falls Storm Water Ordinance (April-September)**

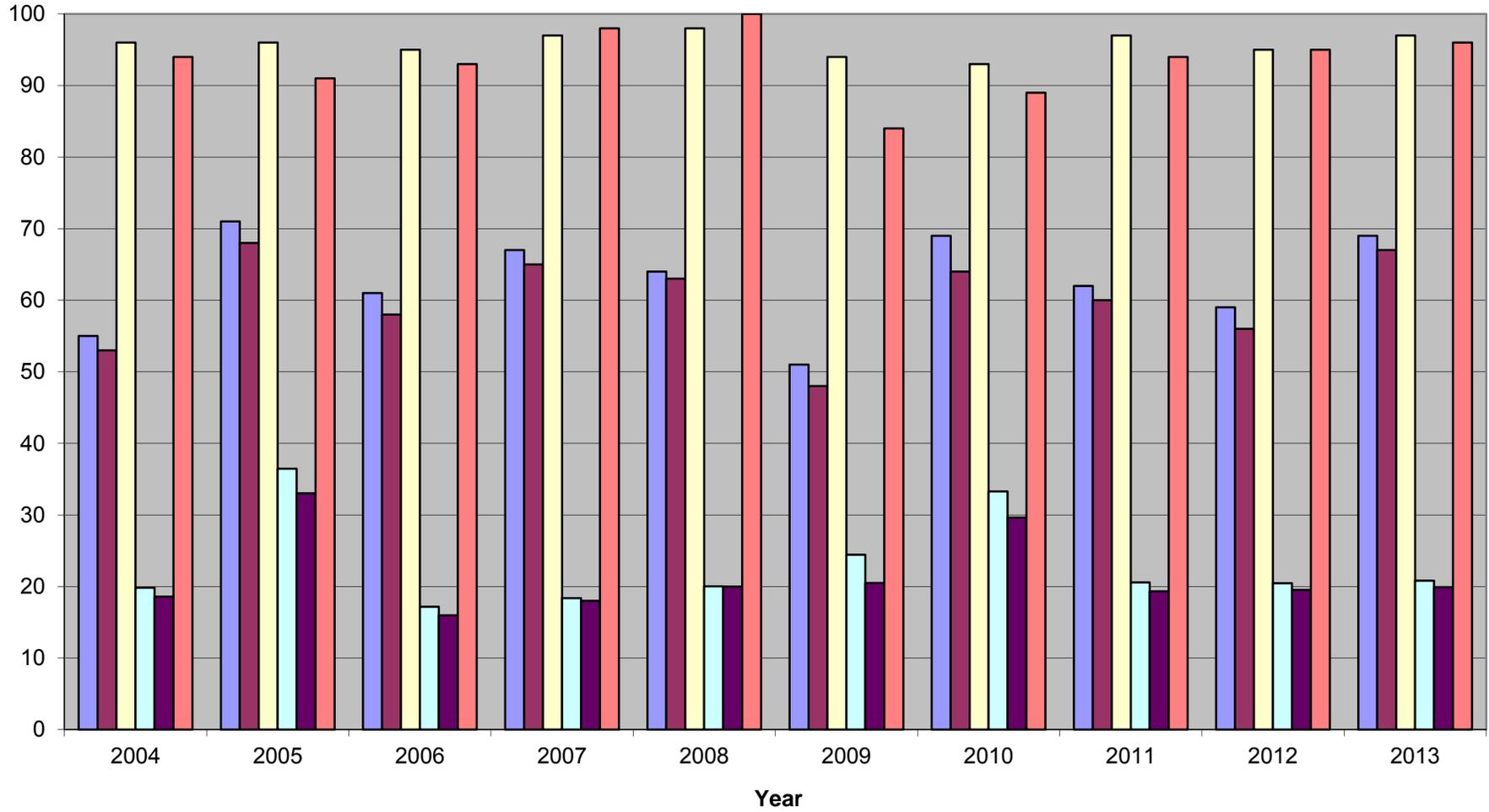
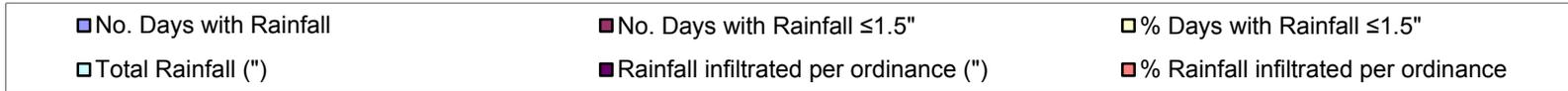
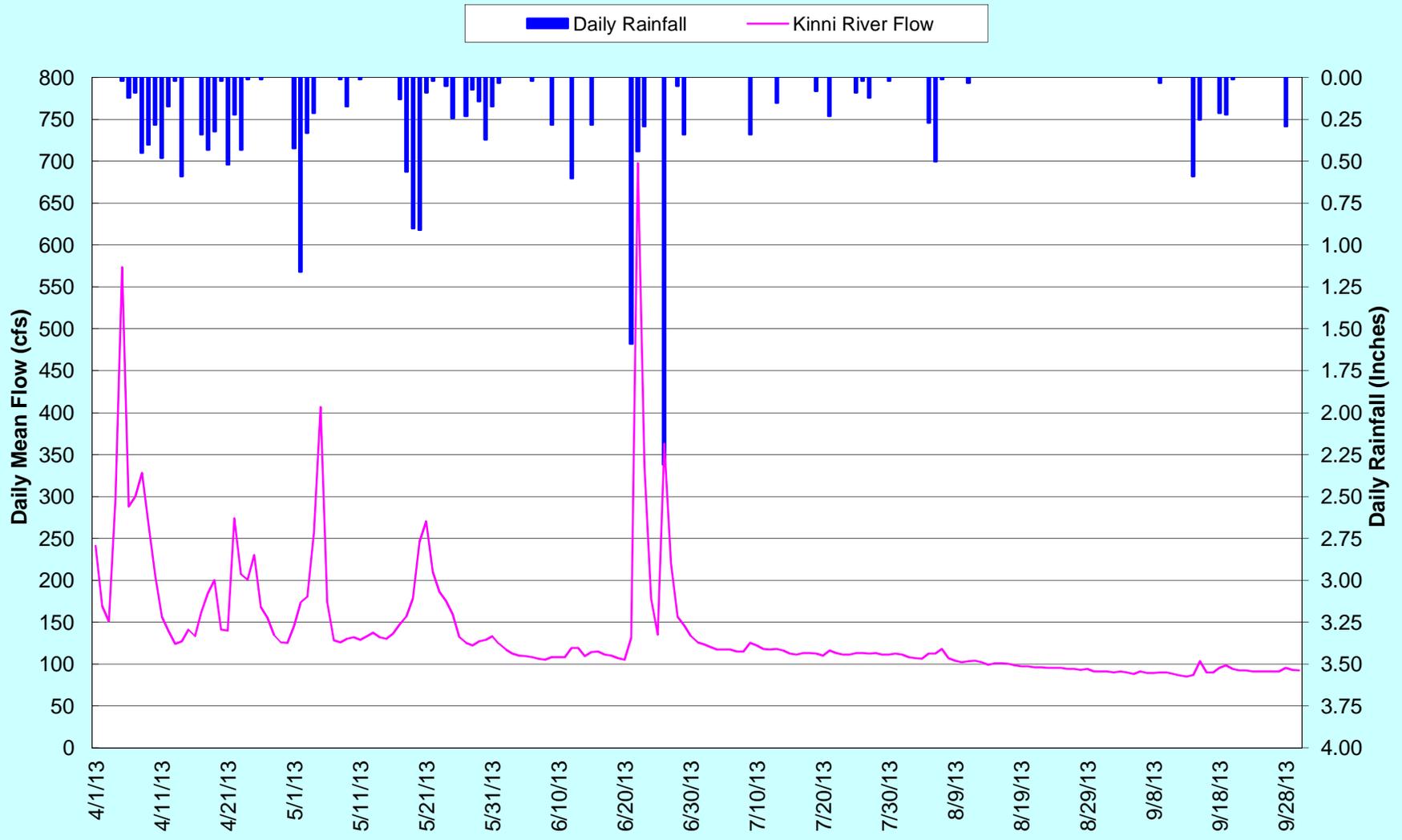


Figure 8. Kinnickinnic River Flow and River Falls Rainfall: April-September 2013



Flow measured by USGS at County Road F (Preliminary Data)

Figure 9. Kinnickinnic River Temperature at Site 1: May-September 2013

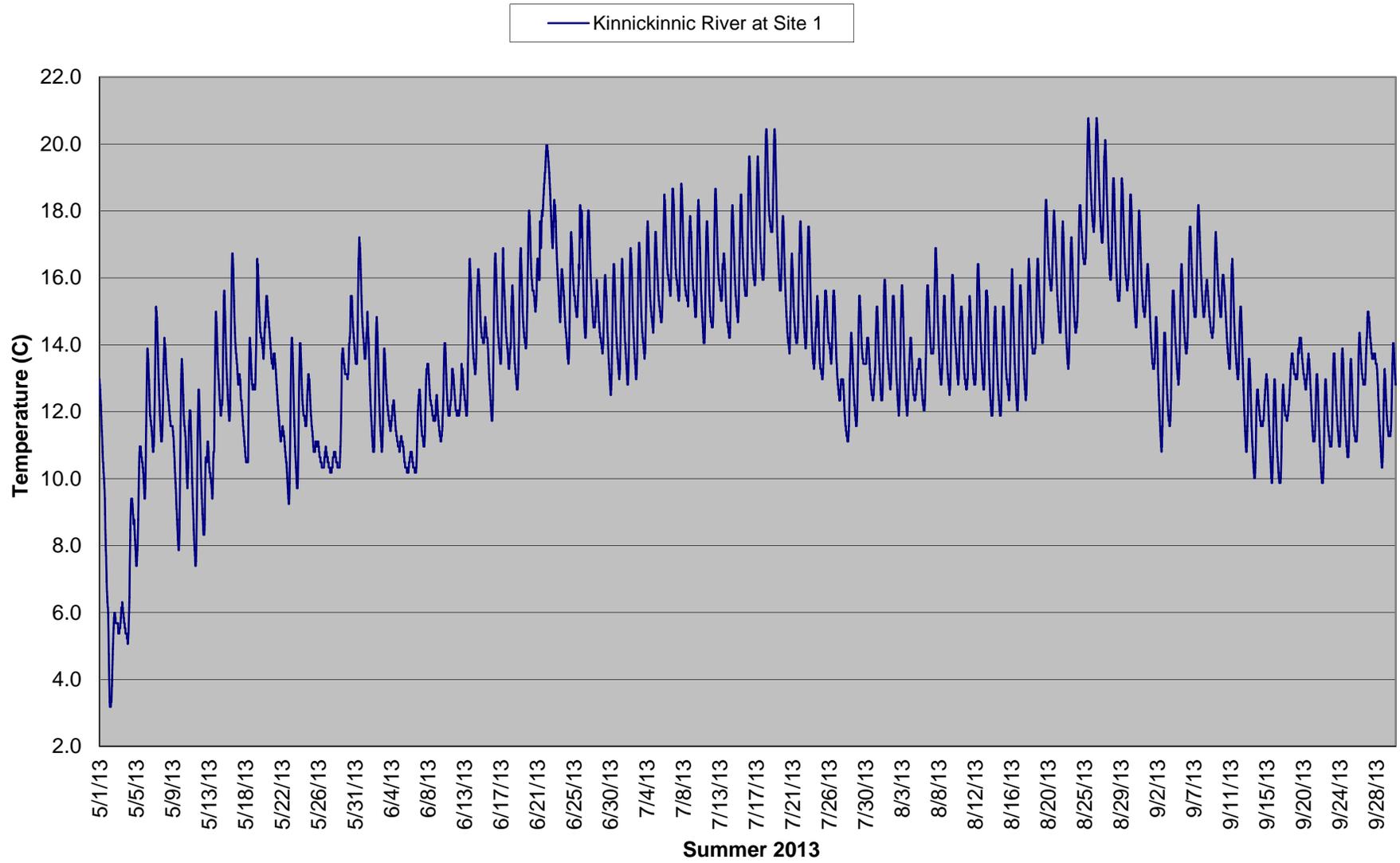


Figure 10. Kinnickinnic River Temperature at Site 1A: May-September 2013

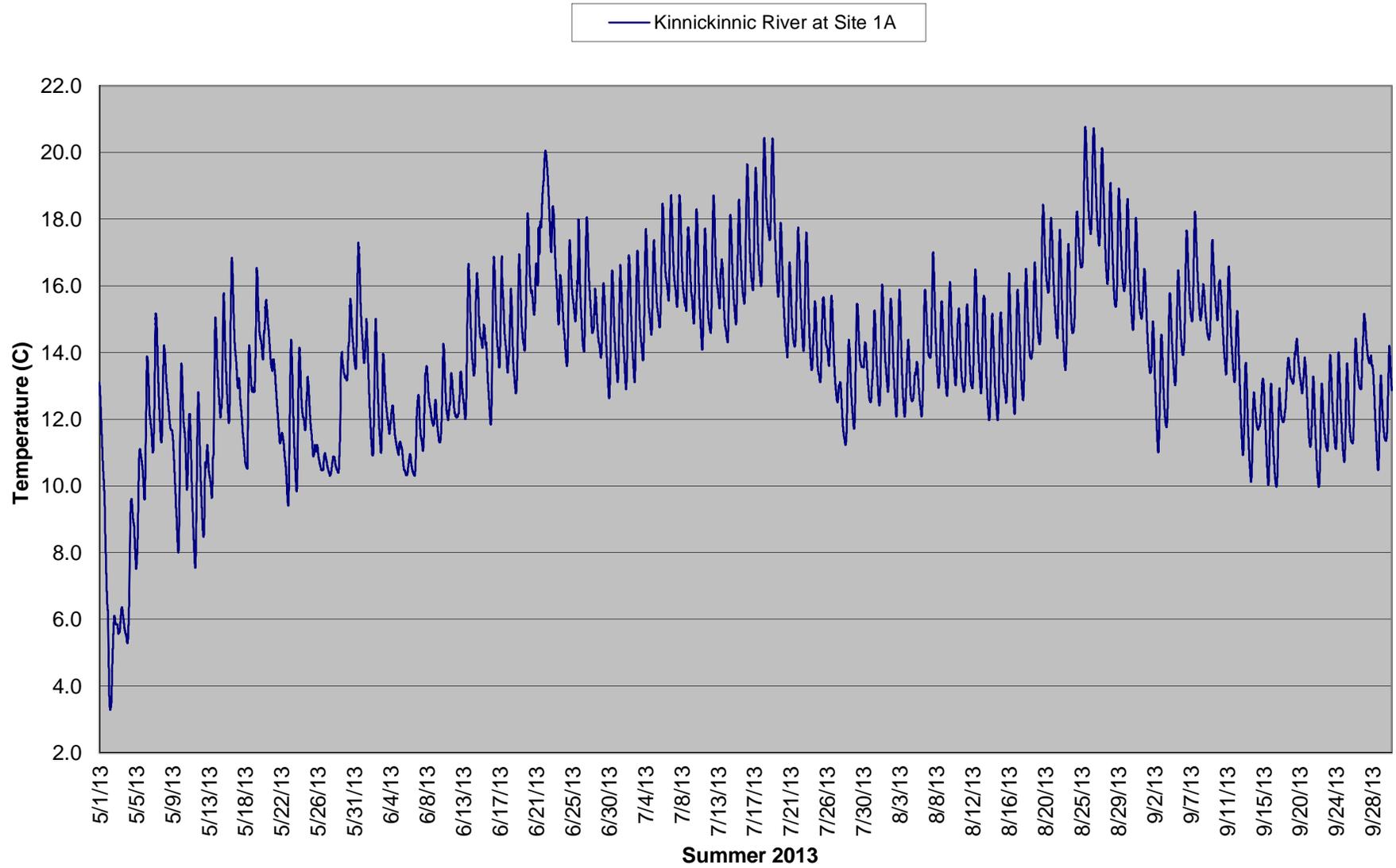
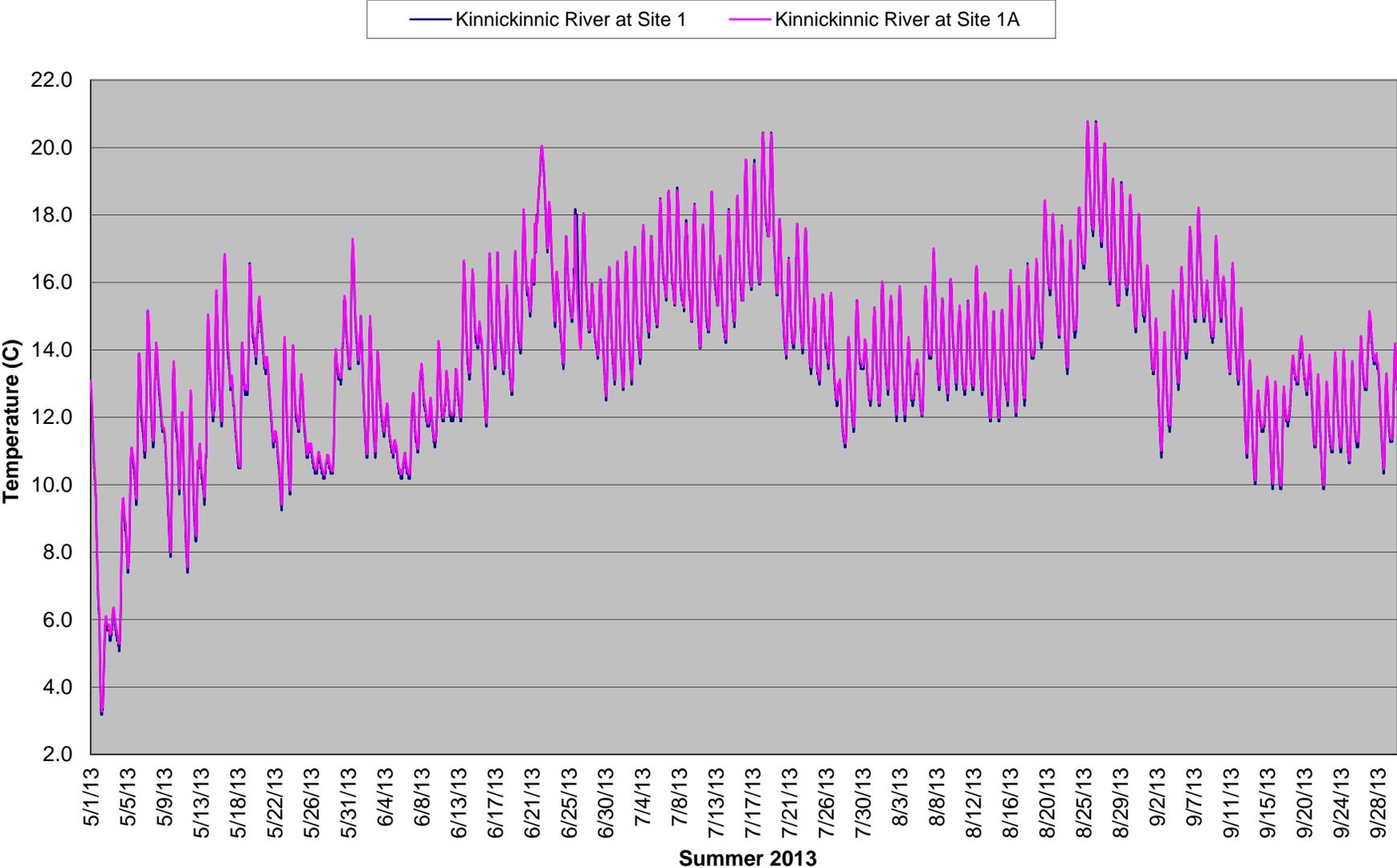
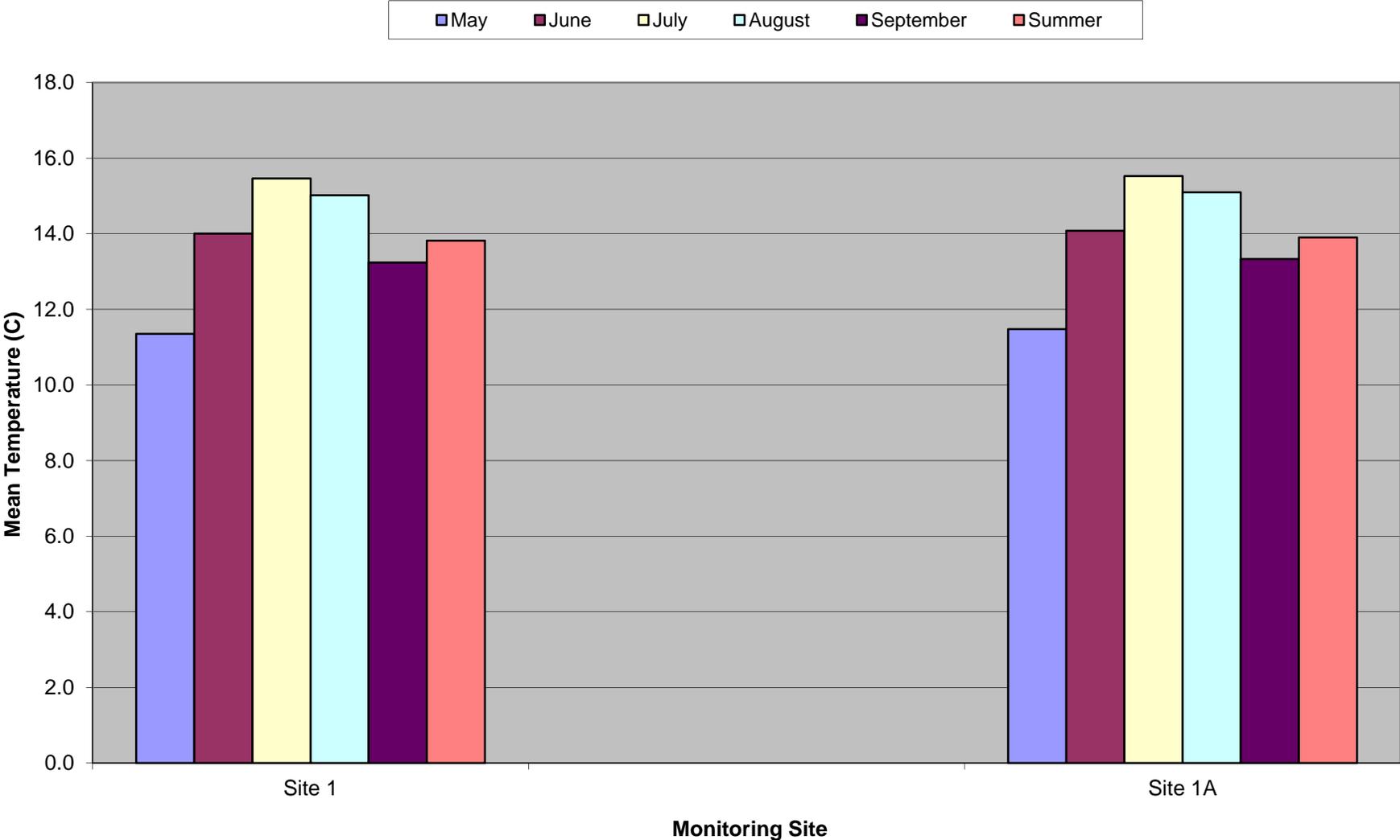


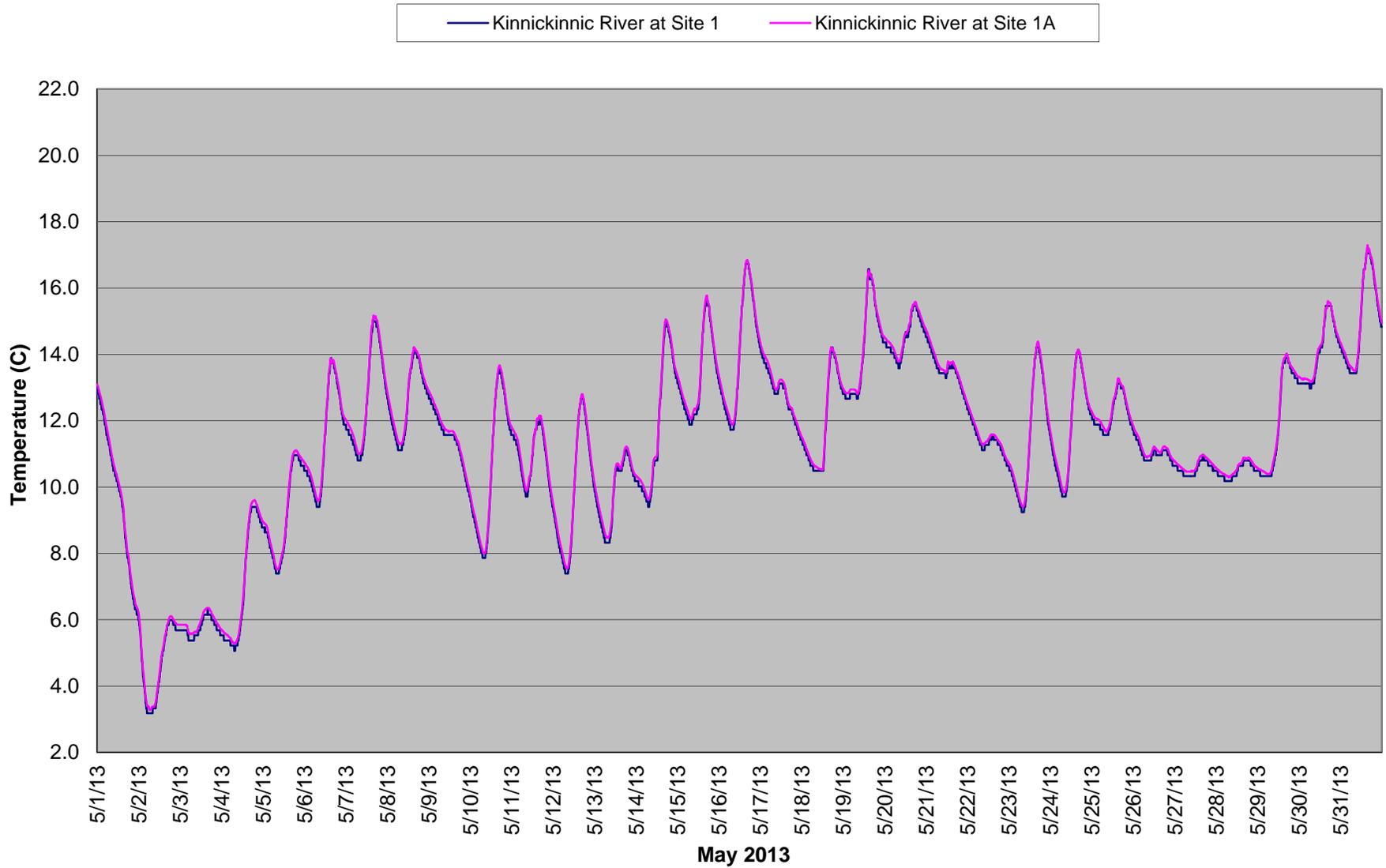
Figure 11. Kinnickinnic River Temperatures at Sites 1 and 1A: May-September 2013



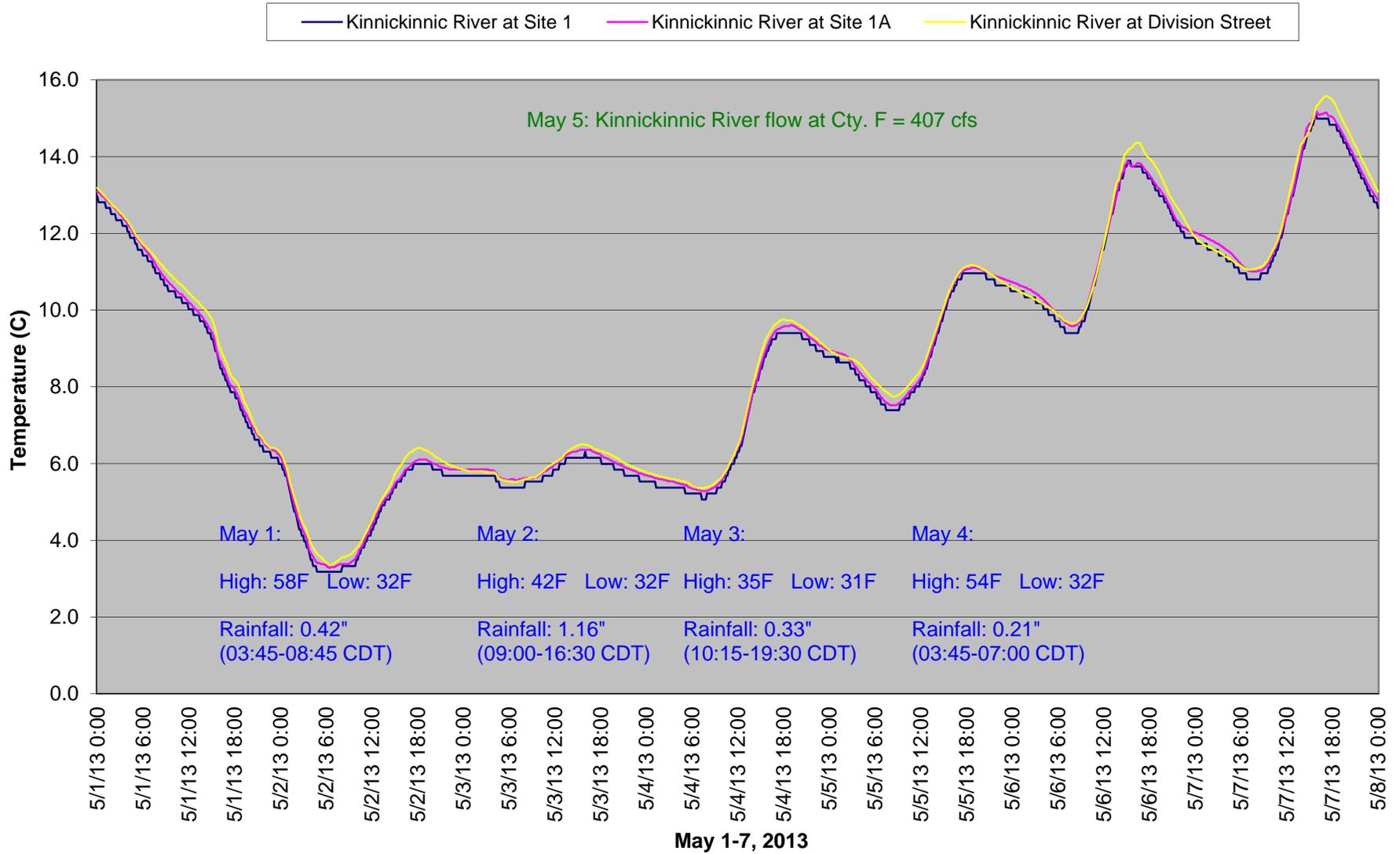
**Figure 12. Monthly and Summer Mean Temperatures at Kinnickinnic River Monitoring Sites: May-September 2013**



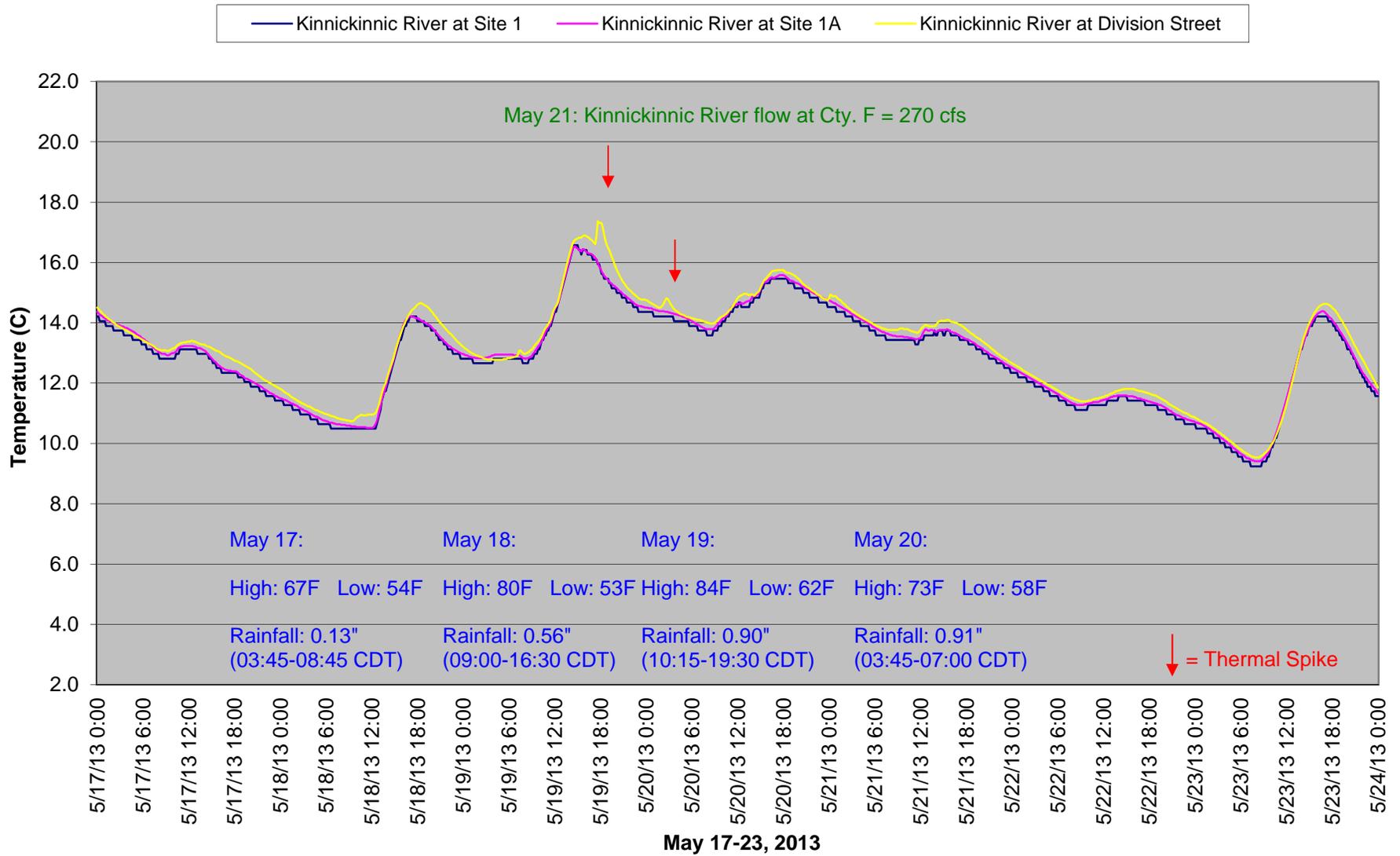
**Figure 13. Kinnickinnic River Temperatures at Sites 1 and 1A: May 2013**



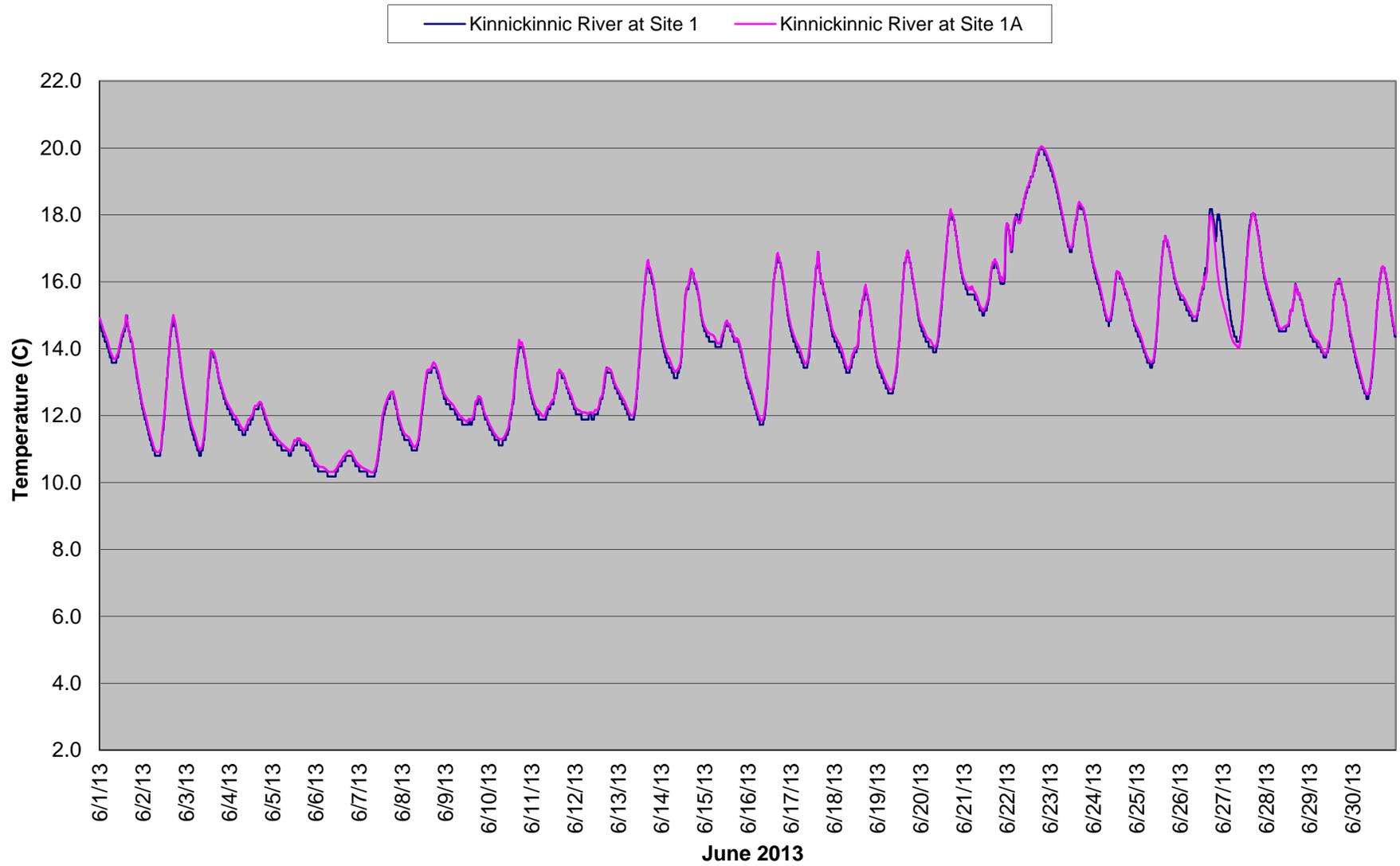
**Figure 14. Kinnickinnic River Temperatures: May 1- 7, 2013**



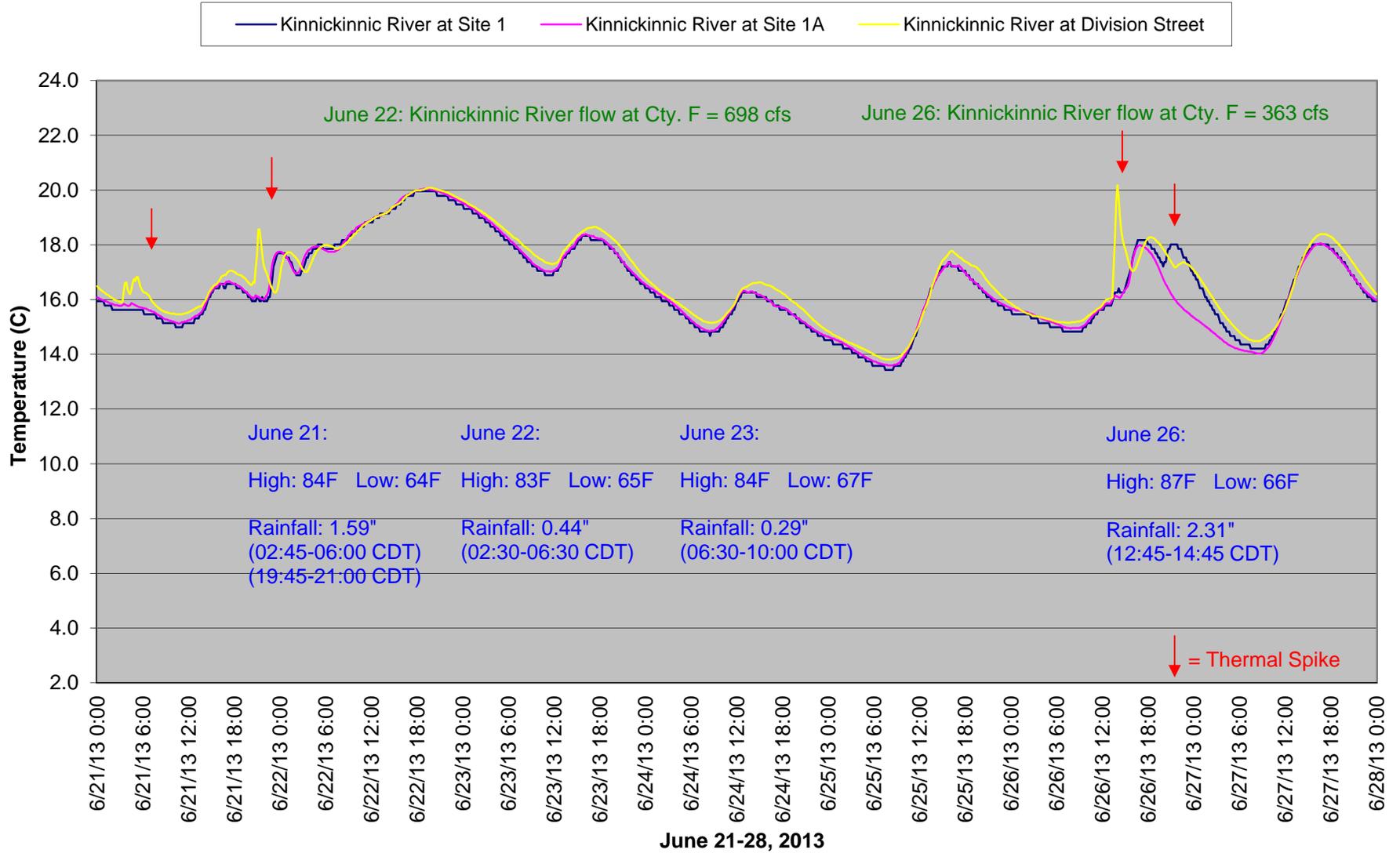
**Figure 15. Kinnickinnic River Temperatures: May 17- 23, 2013**



**Figure 16. Kinnickinnic River Temperatures at Sites 1 and 1A: June 2013**



**Figure 17. Kinnickinnic River Temperatures: June 21- 27, 2013**



**Figure 18. Thermal Impact of Sumner Creek on the Kinnickinnic River  
During the June 26, 2013 Rain Event**

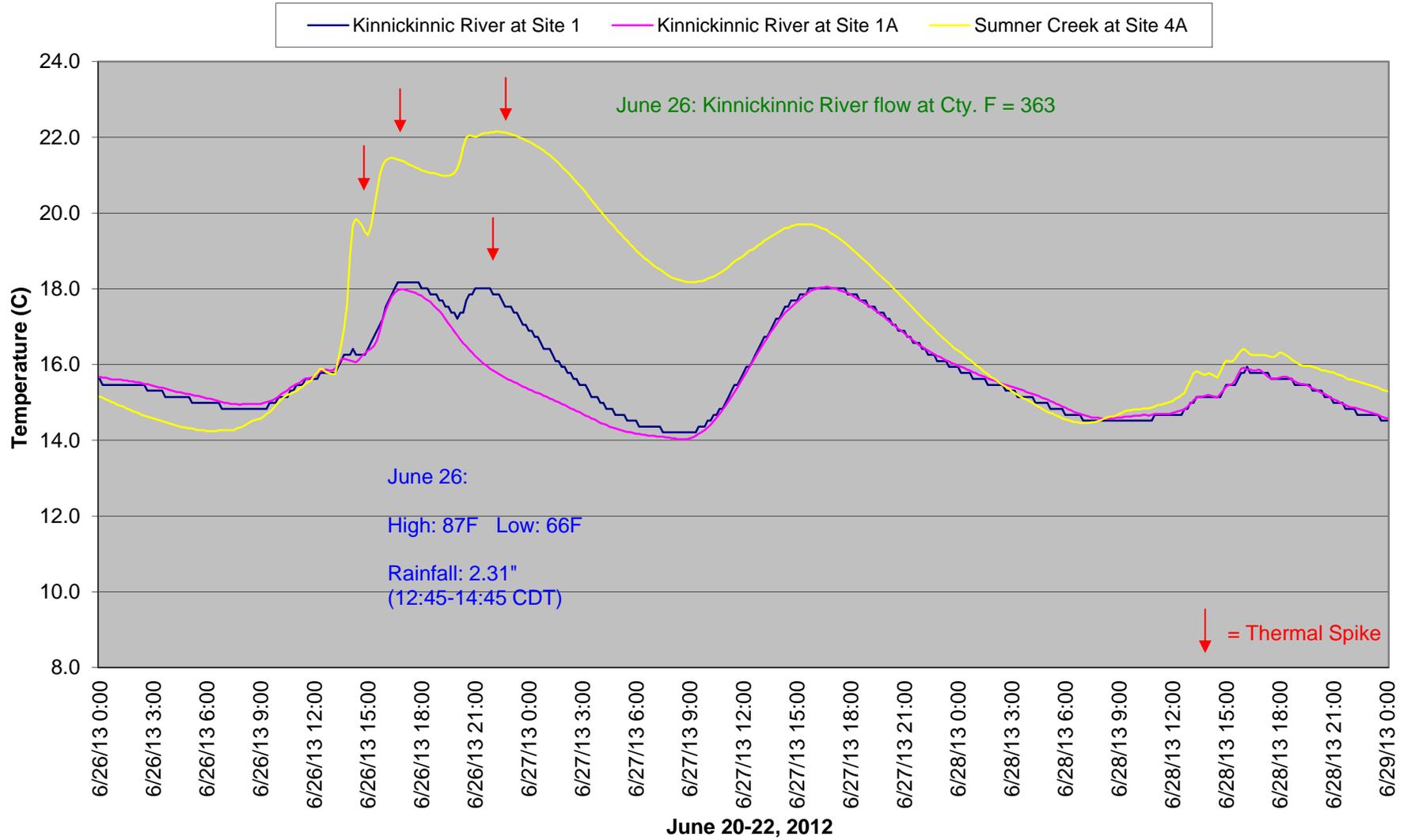
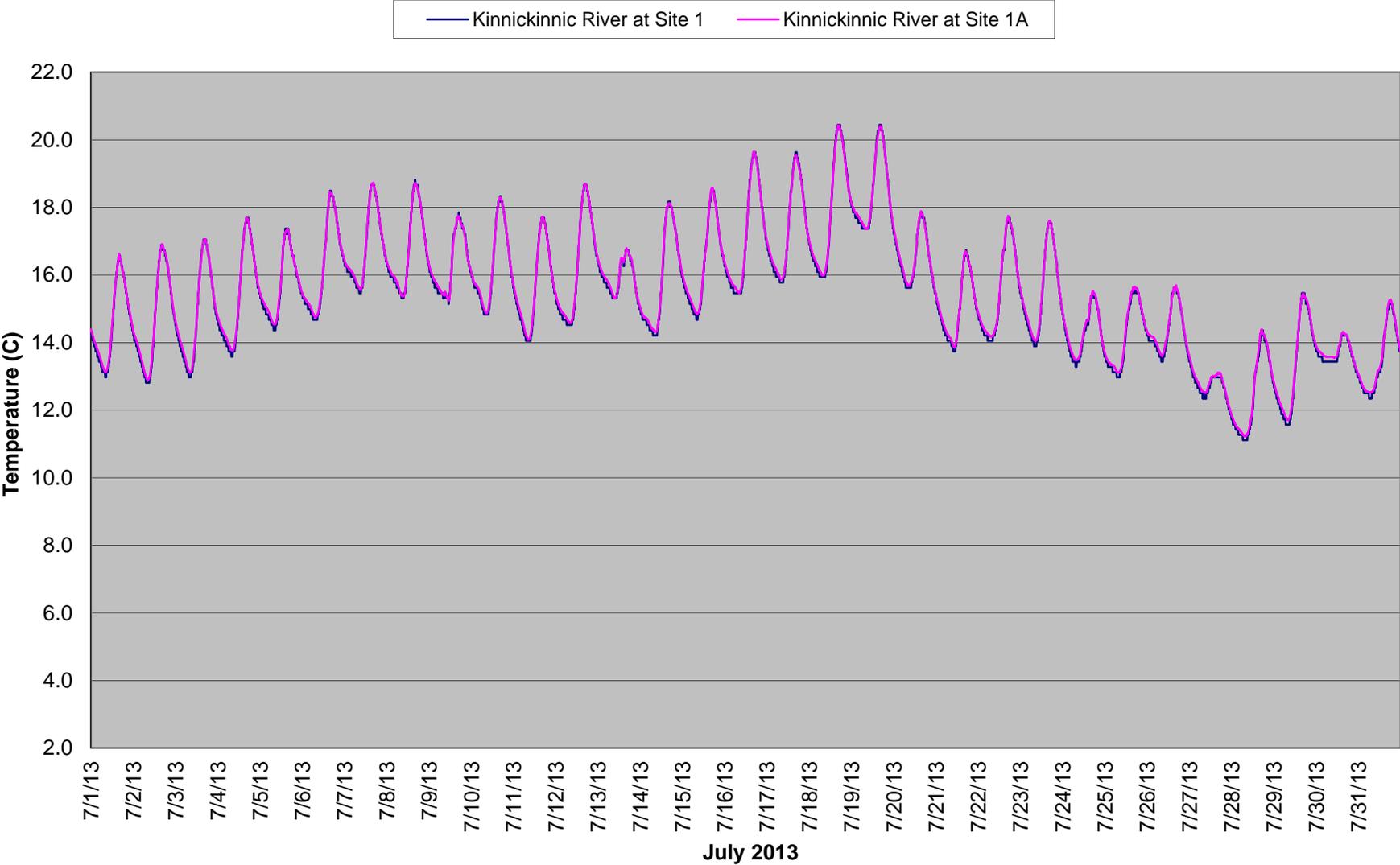
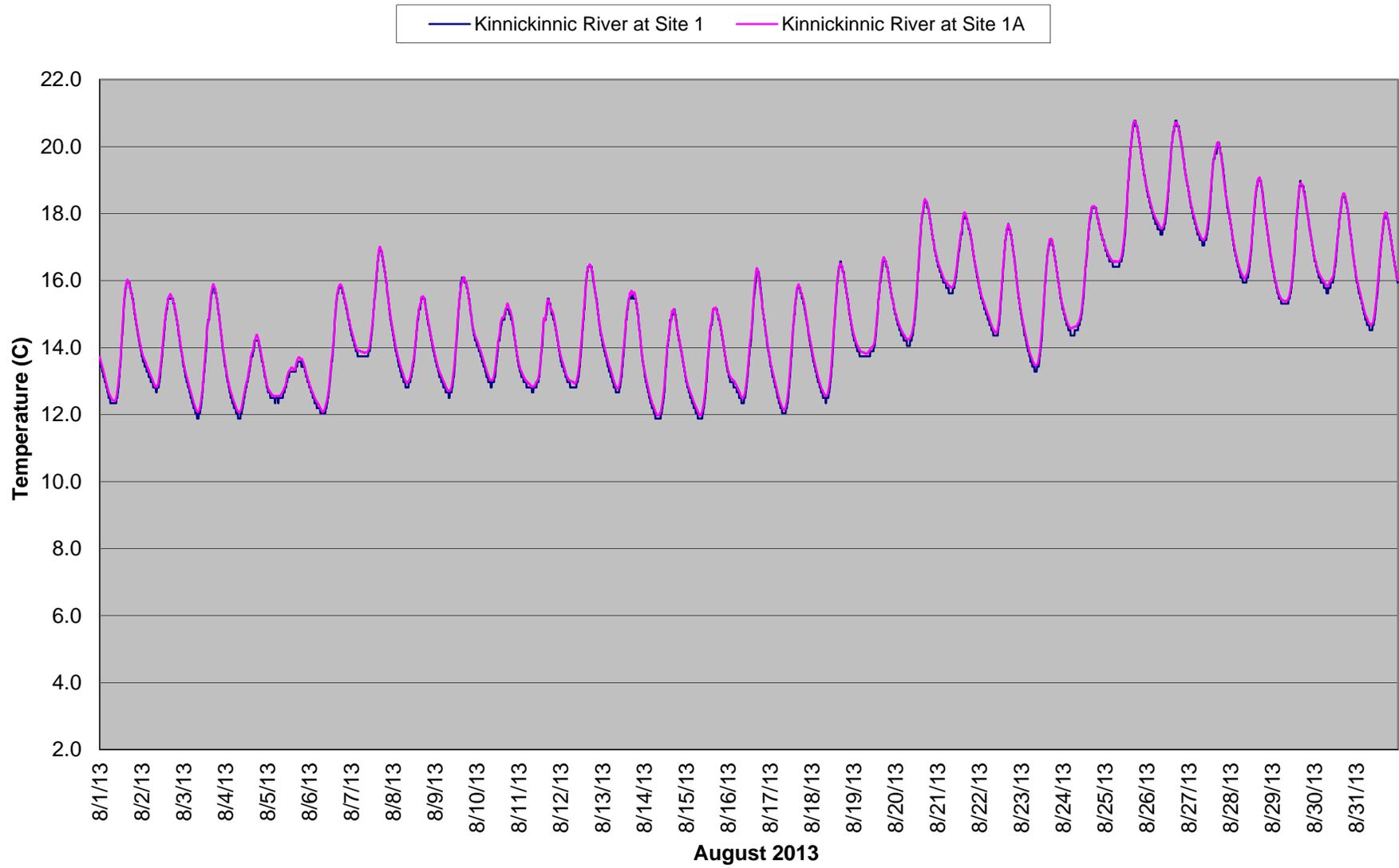


Figure 19. Kinnickinnic River Temperatures at Sites 1 and 1A: July 2013



**Figure 20. Kinnickinnic River Temperatures at Sites 1 and 1A: August 2013**



**Figure 21. Kinnickinnic River Temperatures at Sites 1 and 1A: September 2013**

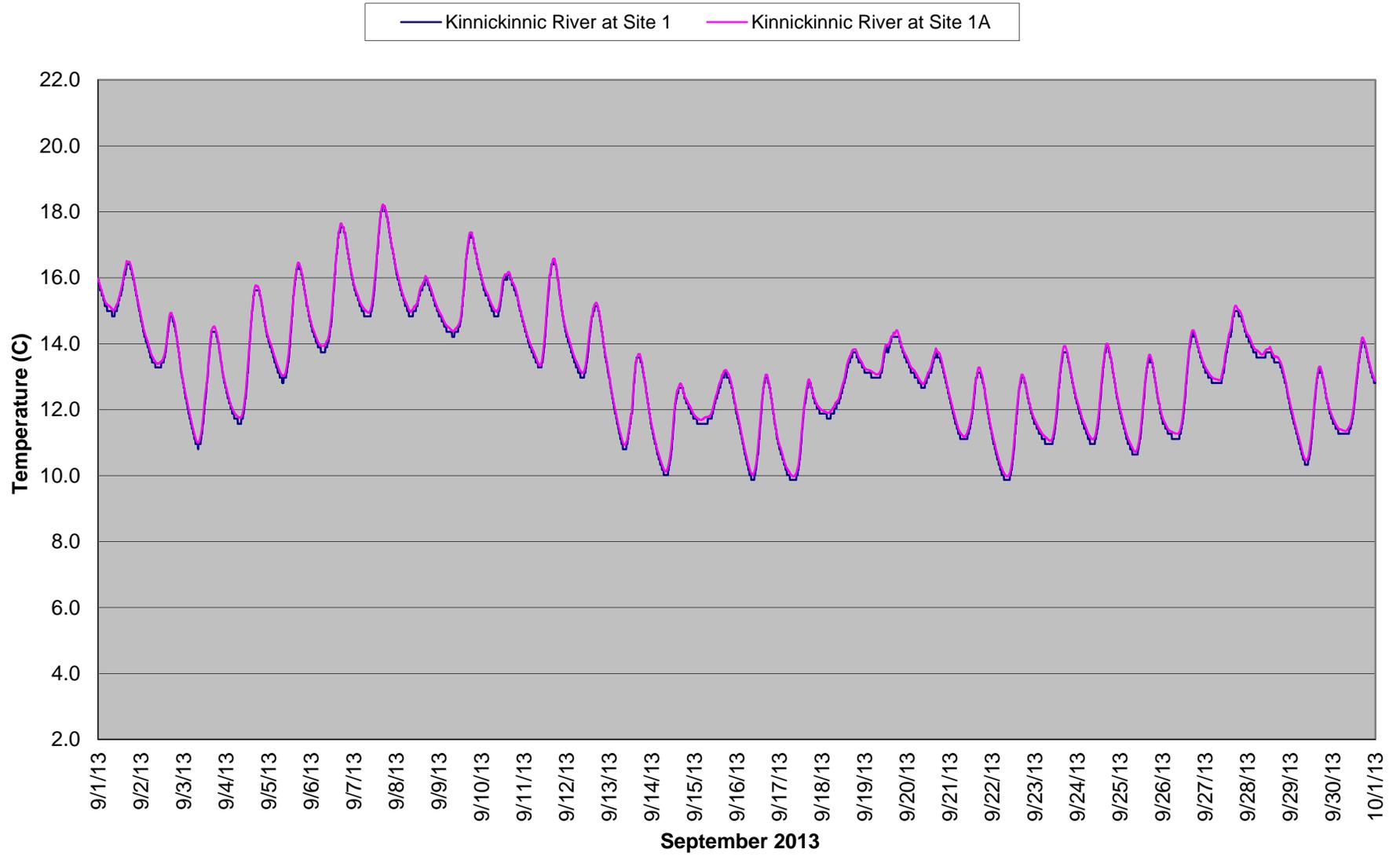


Figure 22. Sumner Creek Temperature at Site 4A: May-September 2013

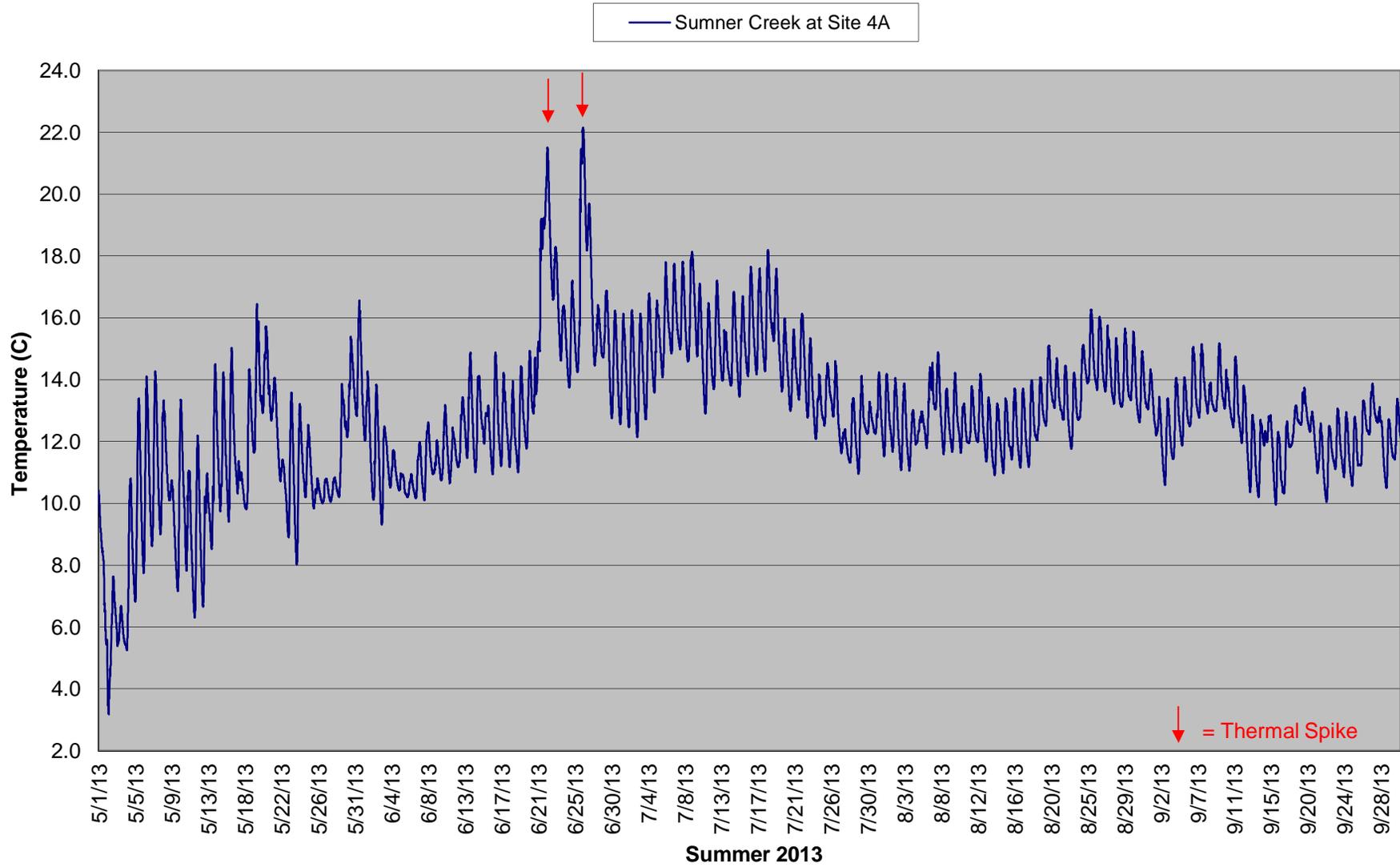


Figure 23. Sterling Ponds Temperature at Site 5P: May-September 2013

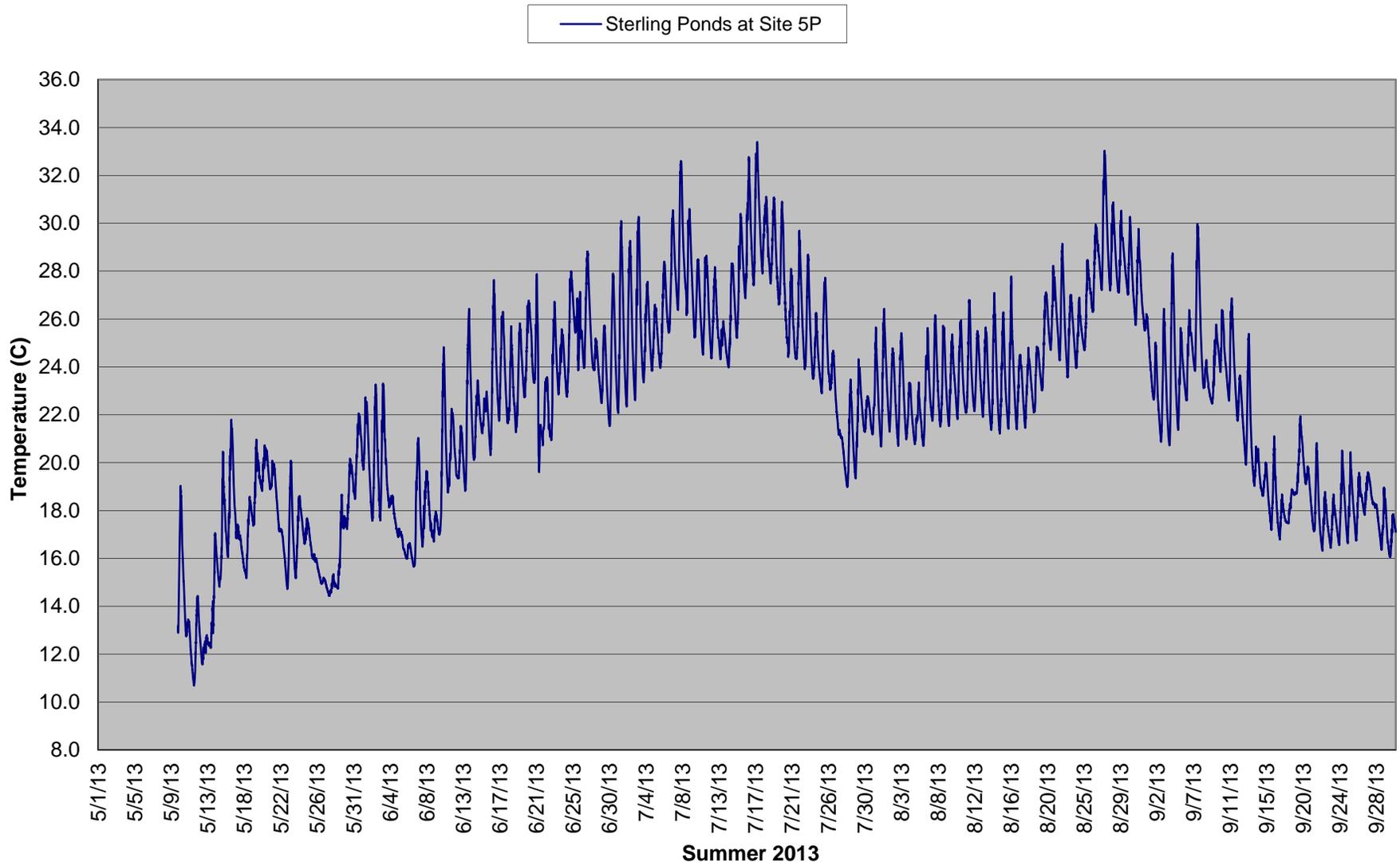
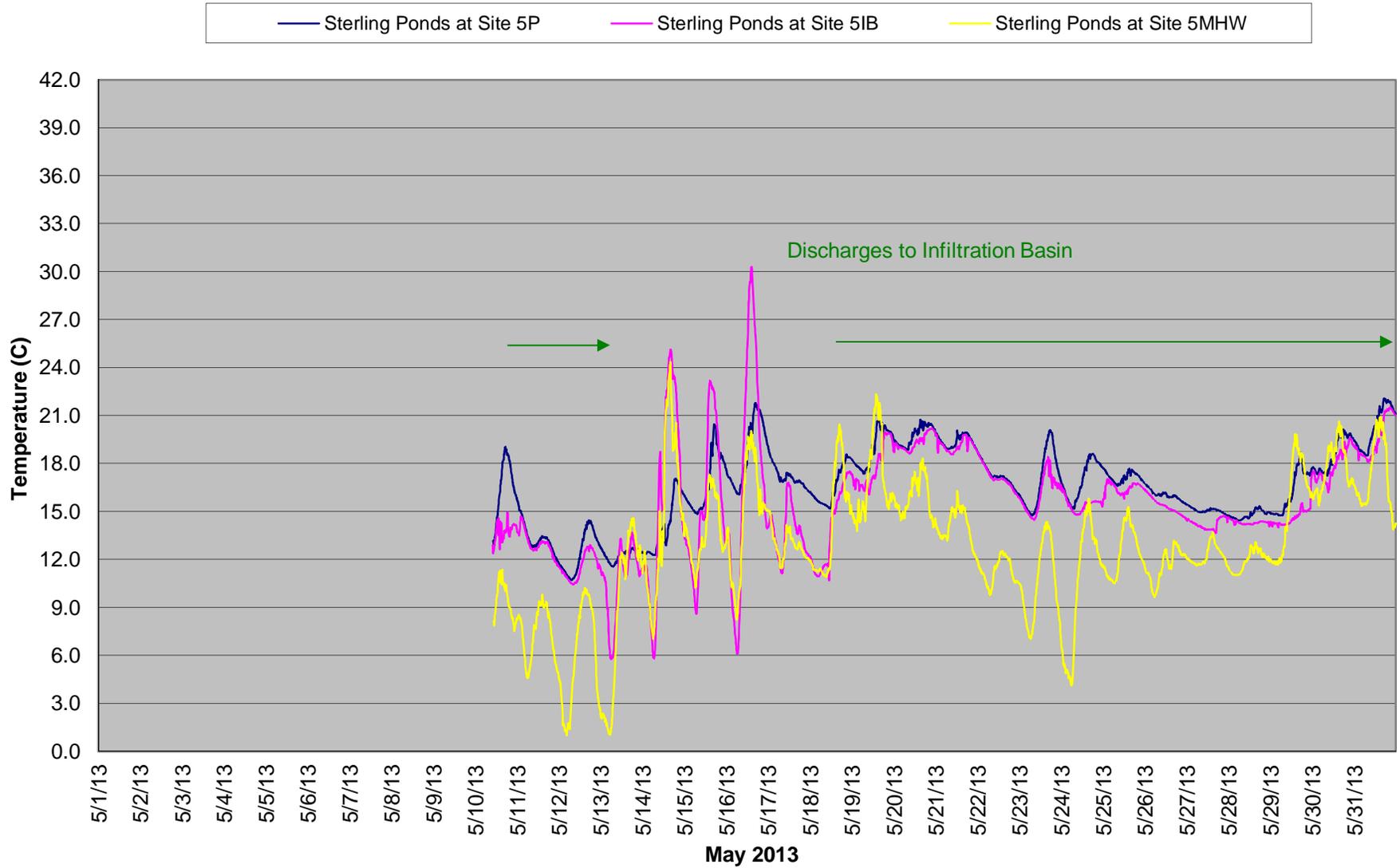


Figure 24. Sterling Ponds Temperatures: May 2013



**Figure 25. Sterling Ponds and Sumner Creek Temperatures: May 17-23, 2013**

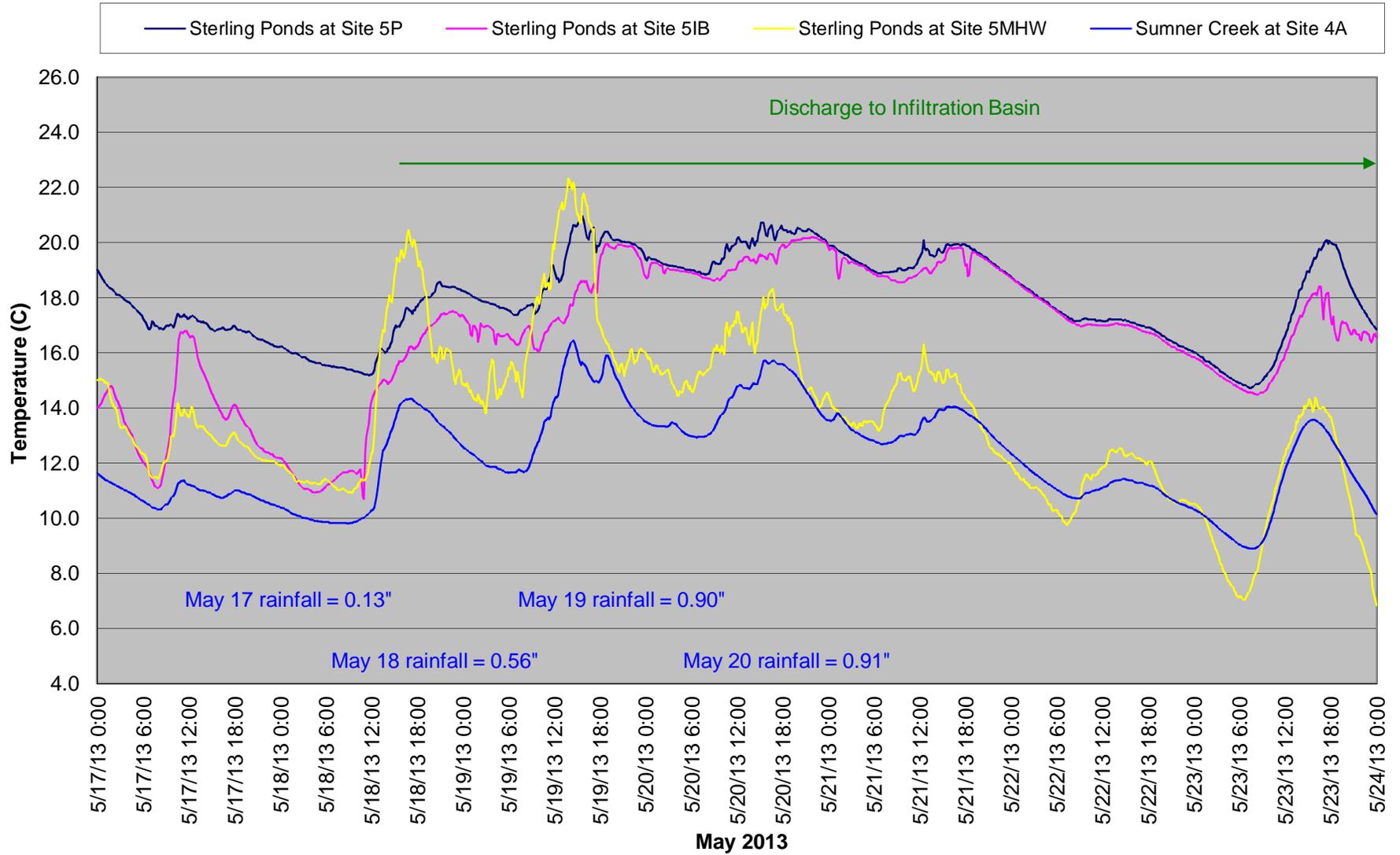
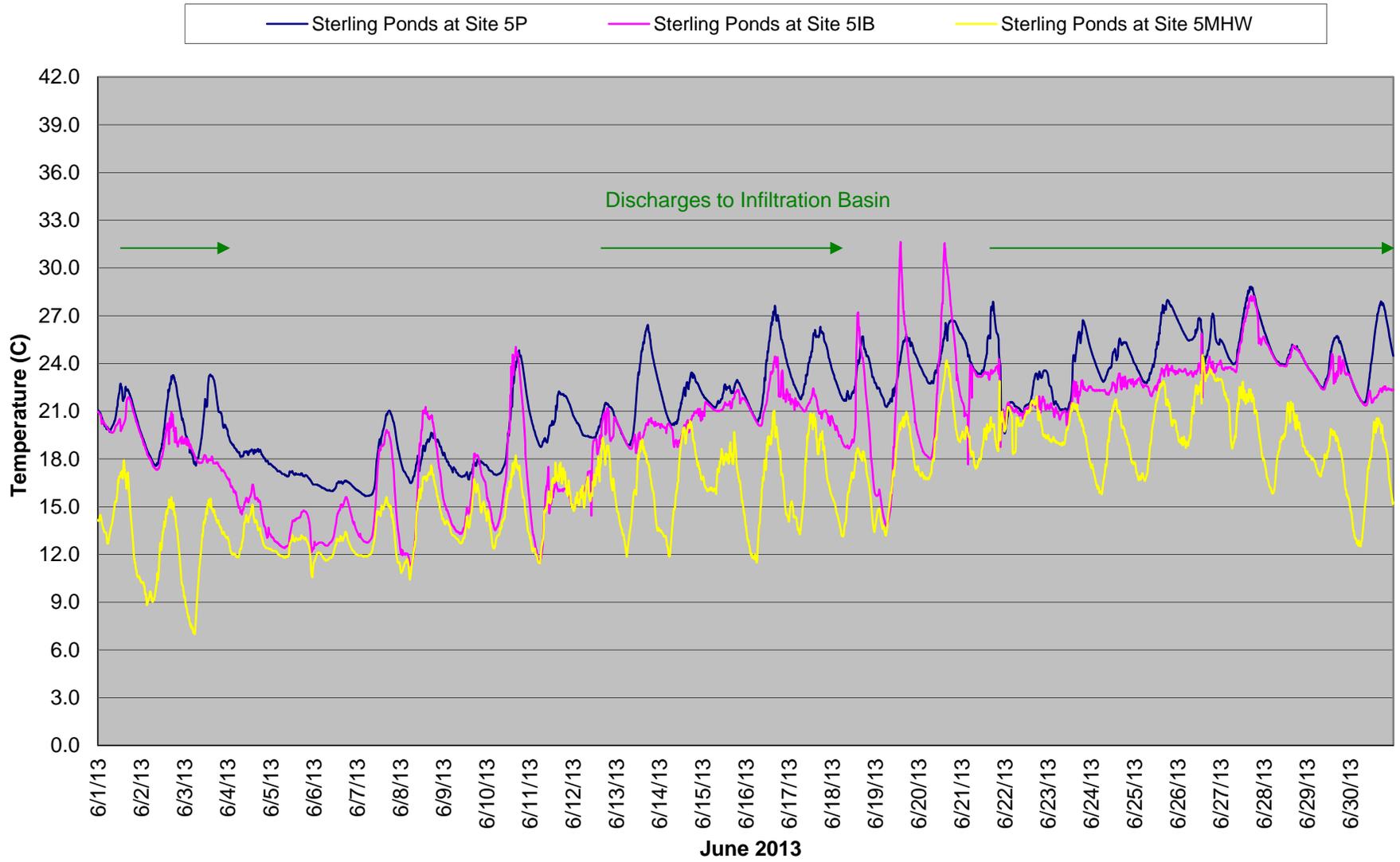


Figure 26. Sterling Ponds Temperatures: June 2013



**Figure 27. Sterling Ponds and Sumner Creek Temperatures: June 21-27, 2013**

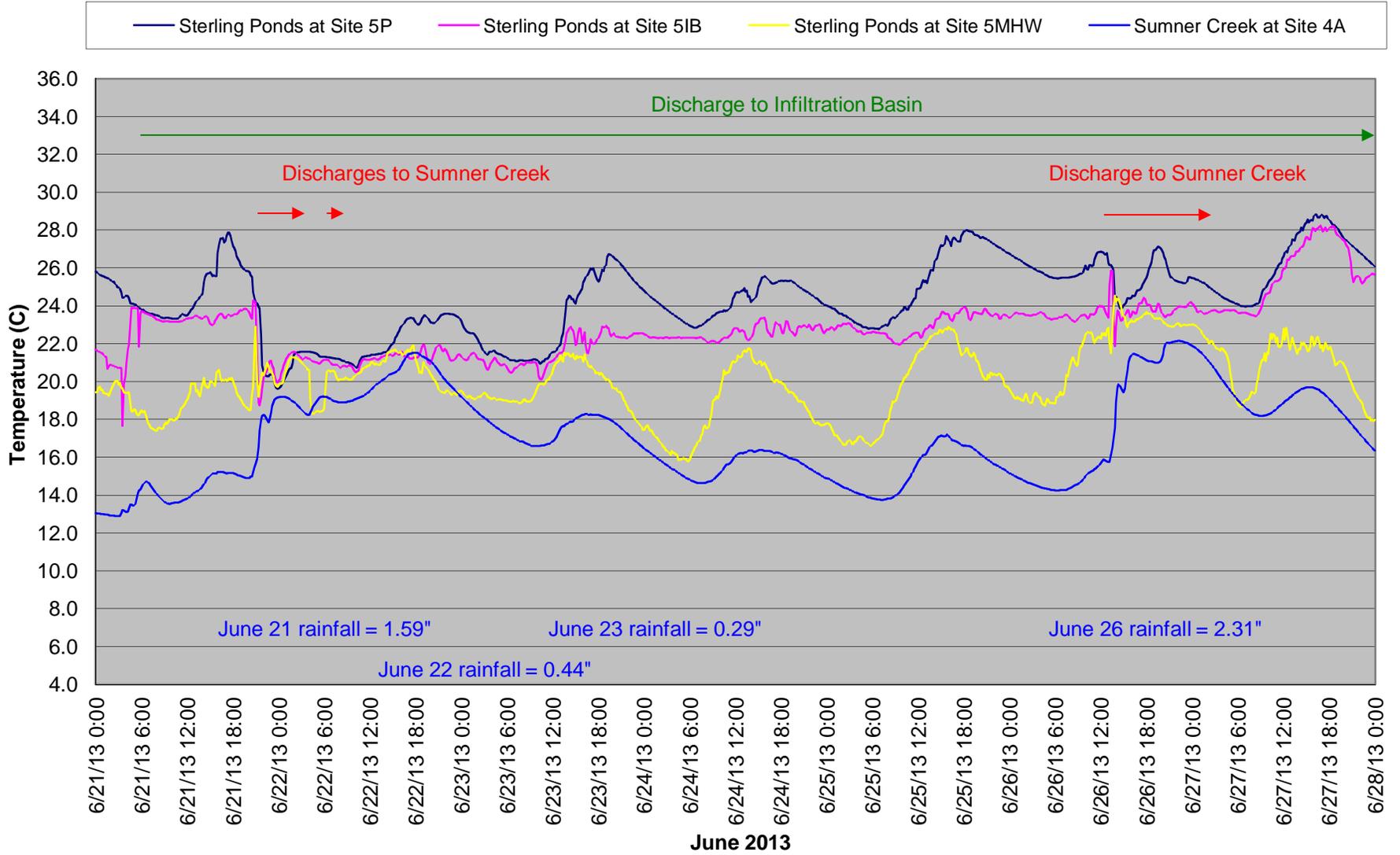
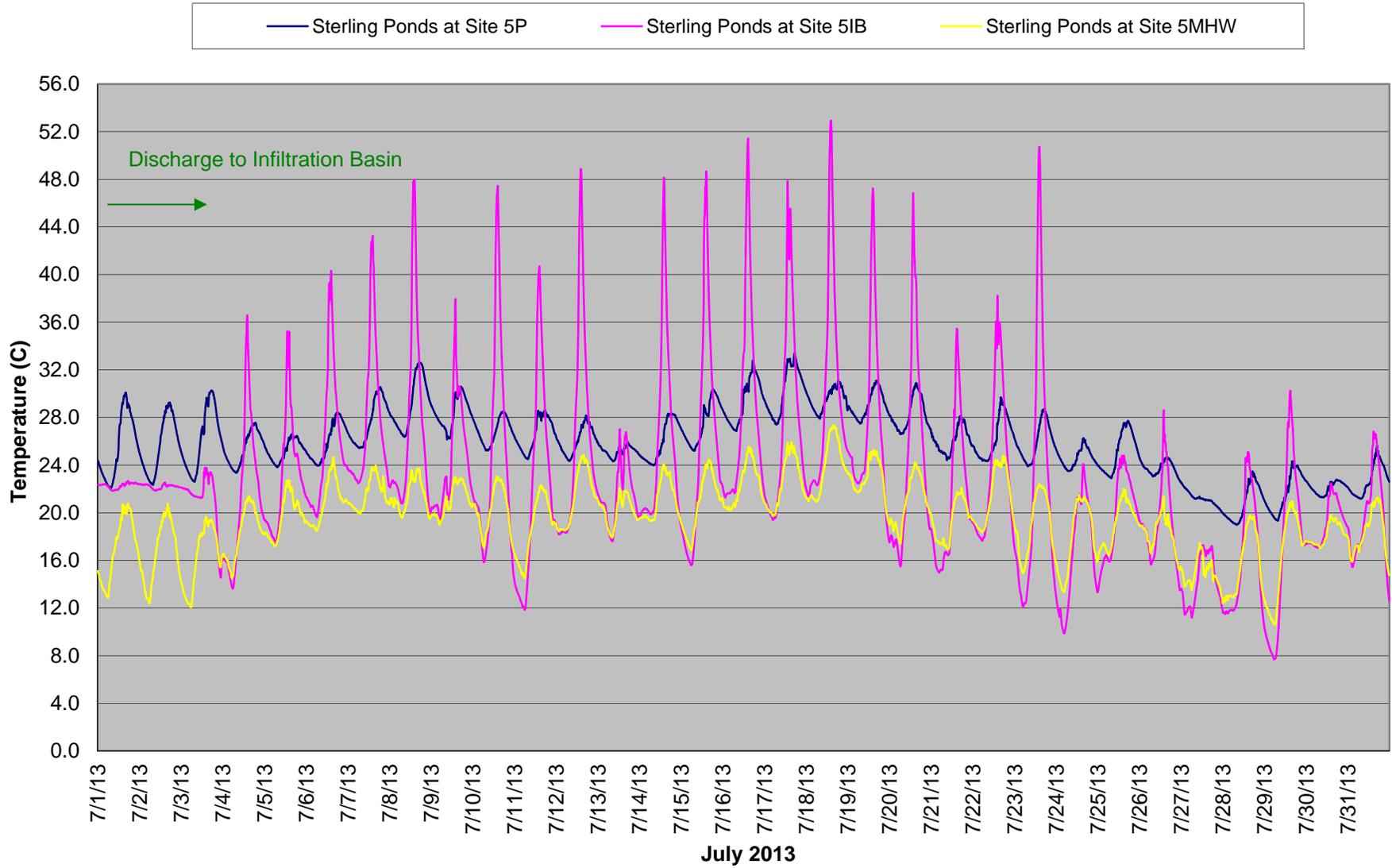


Figure 28. Sterling Ponds Temperatures: July 2013



**Figure 29. Sterling Ponds Temperatures: August 2013**

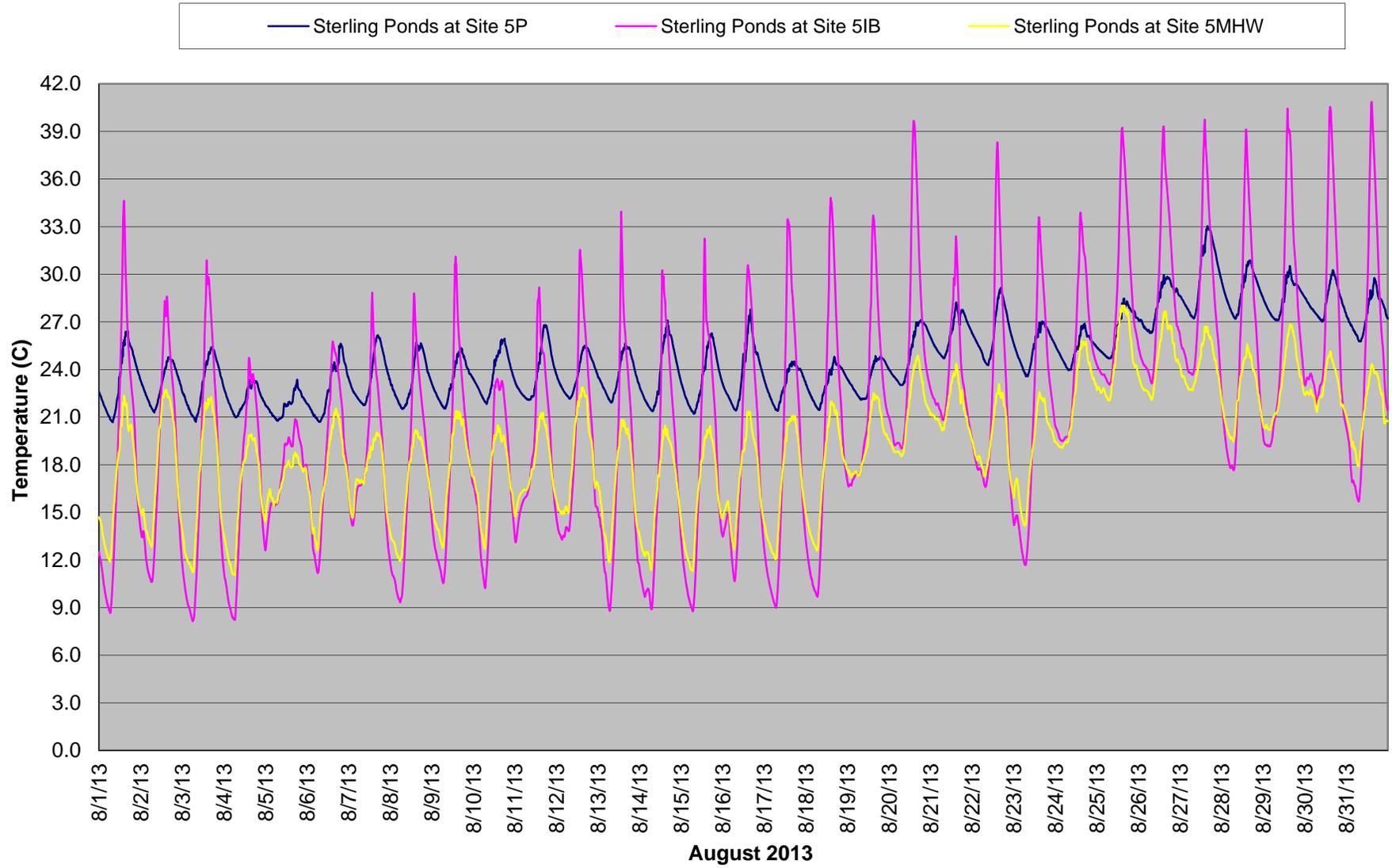


Figure 30. Sterling Ponds Temperatures: September 2013

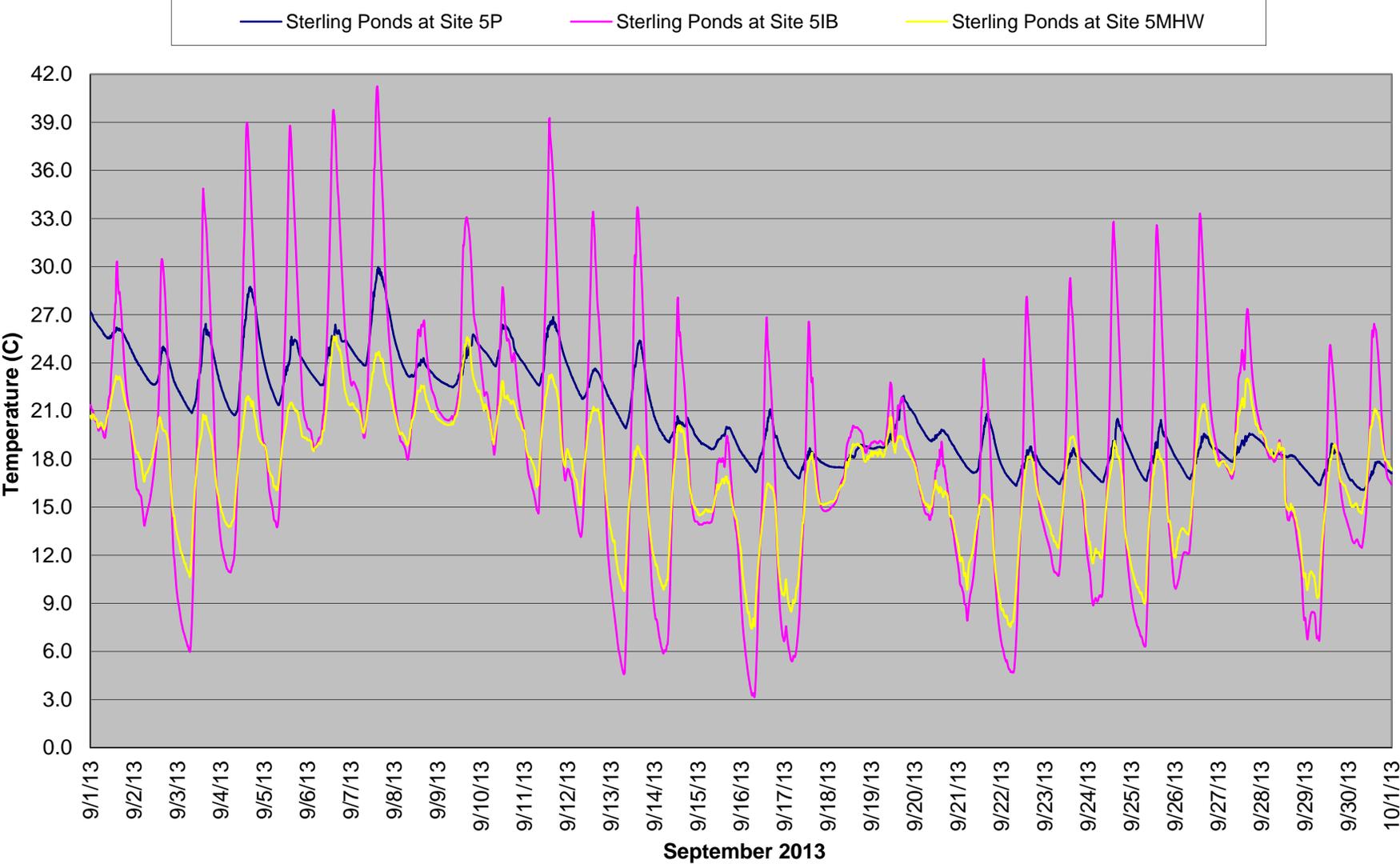
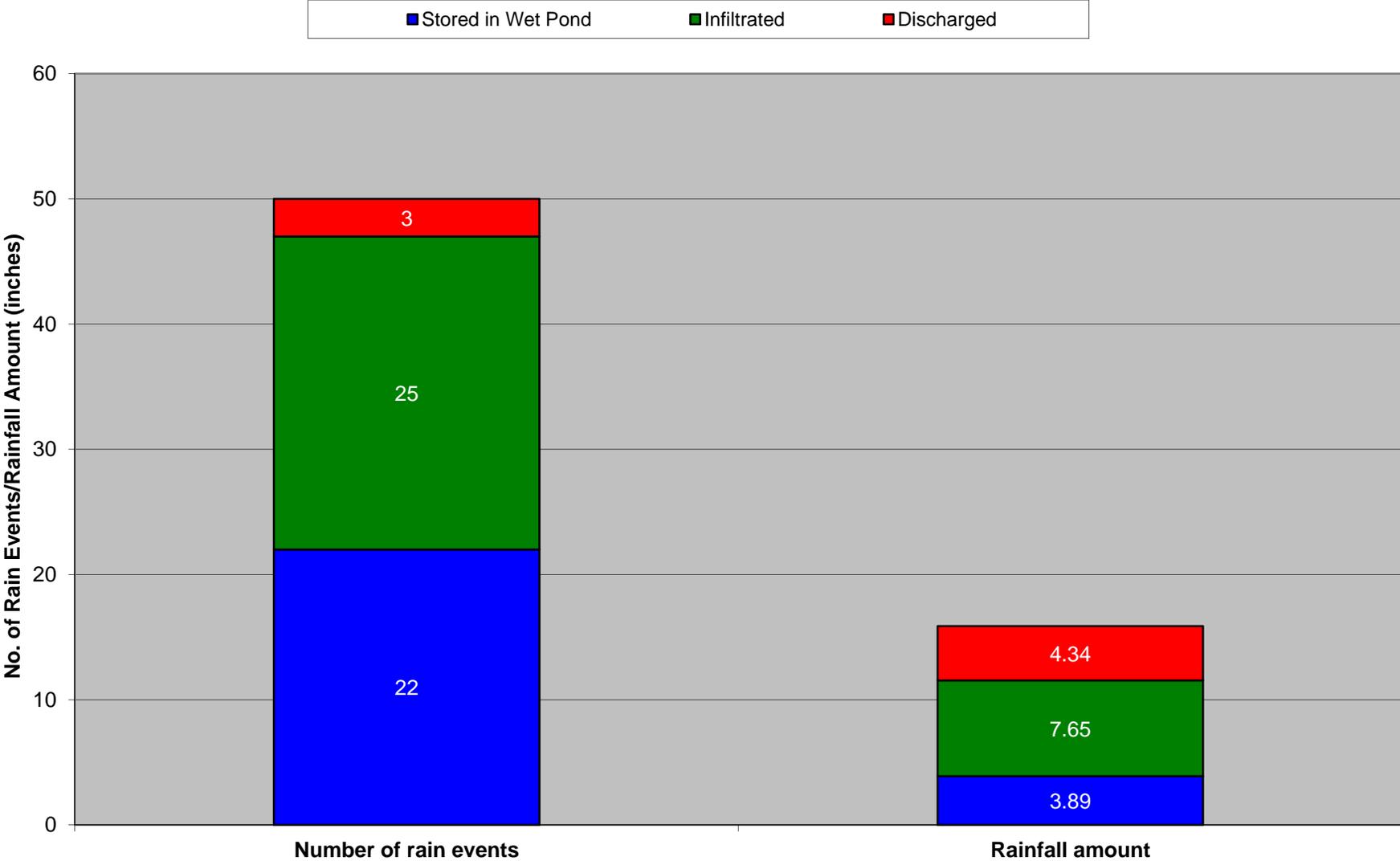
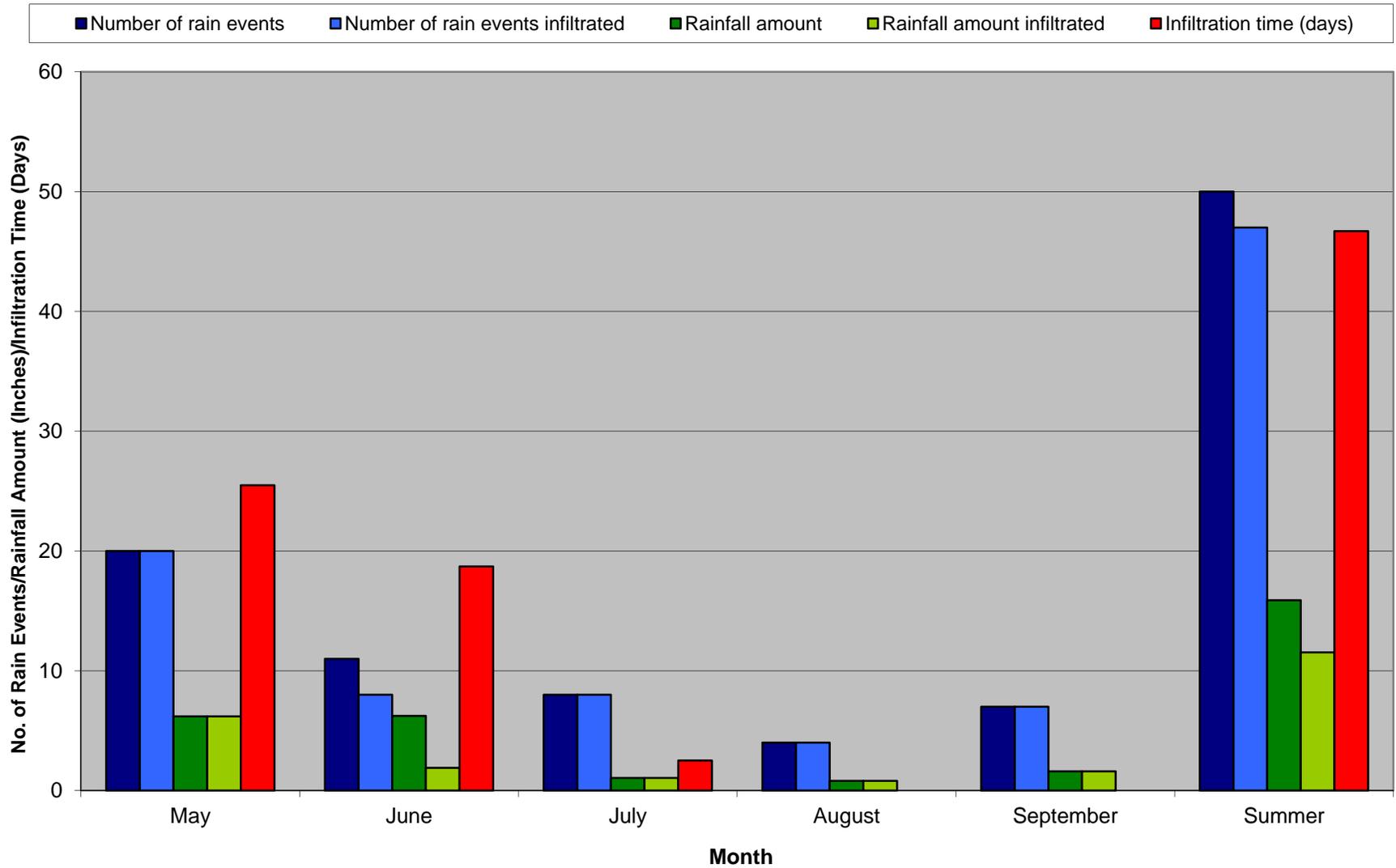


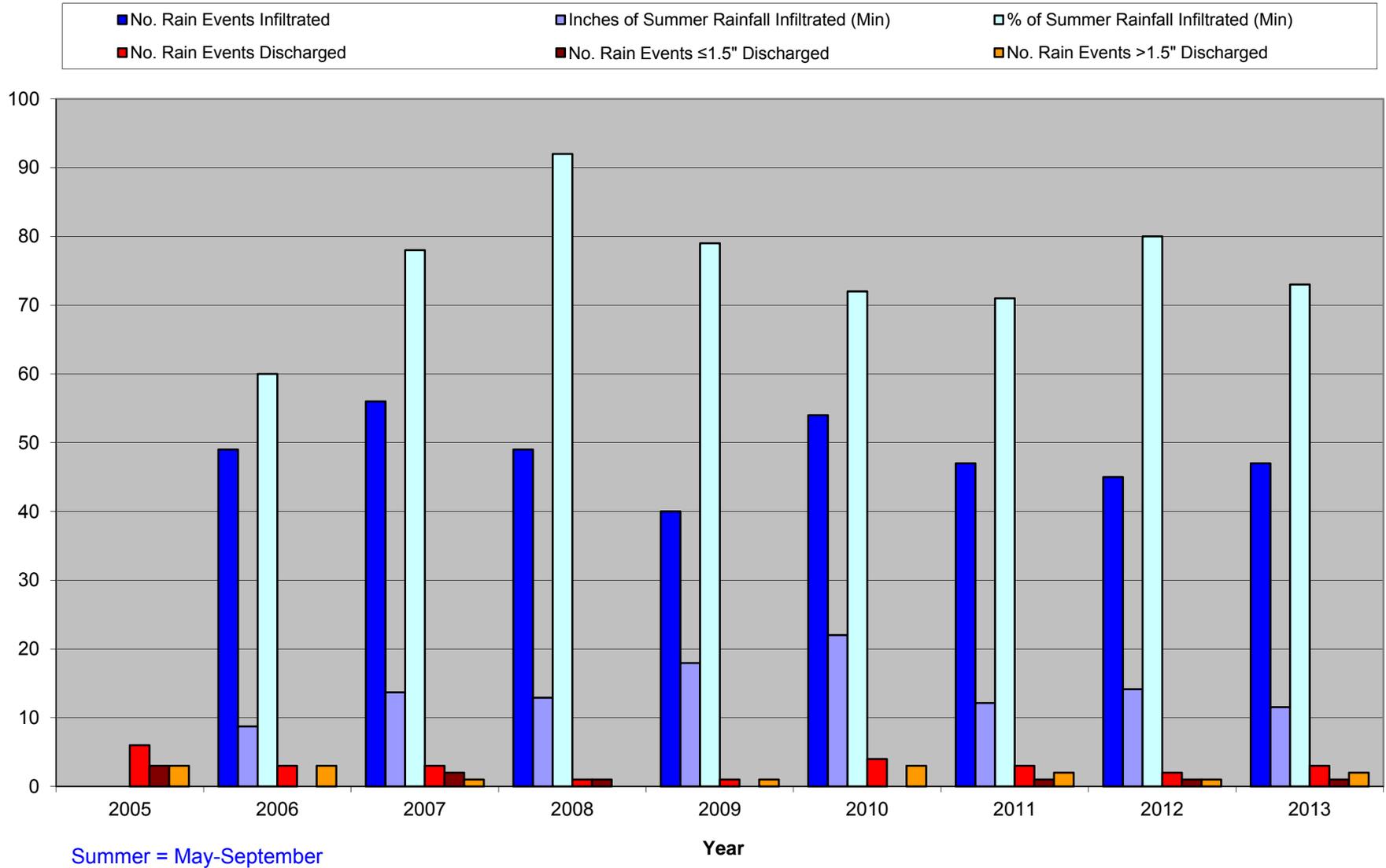
Figure 31. Performance of Sterling Ponds Storm Water Management Practices: Summer 2013



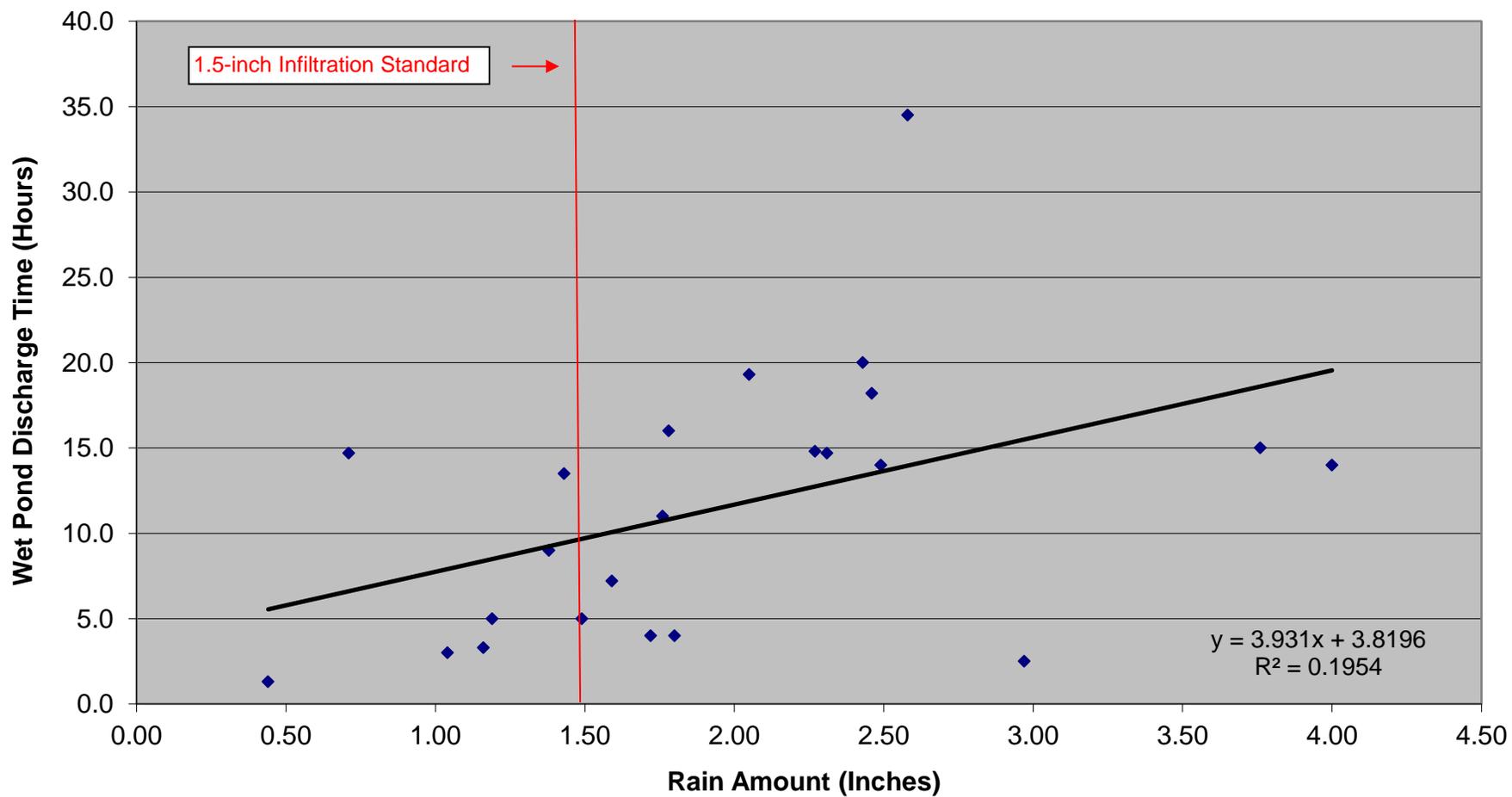
**Figure 32. Performance of Sterling Ponds Storm Water Management Practices:  
May-September 2013**



**Figure 33. Performance of Sterling Ponds Storm Water Management Practices: 2005-2013**



**Figure 34. Sterling Ponds Performance:  
Rain Amount vs. Wet Pond Discharge Time: 2005-2013**



**Figure 35. Sterling Ponds Performance:  
Rain Amount vs. Wet Pond Infiltration Time: 2011-2013**

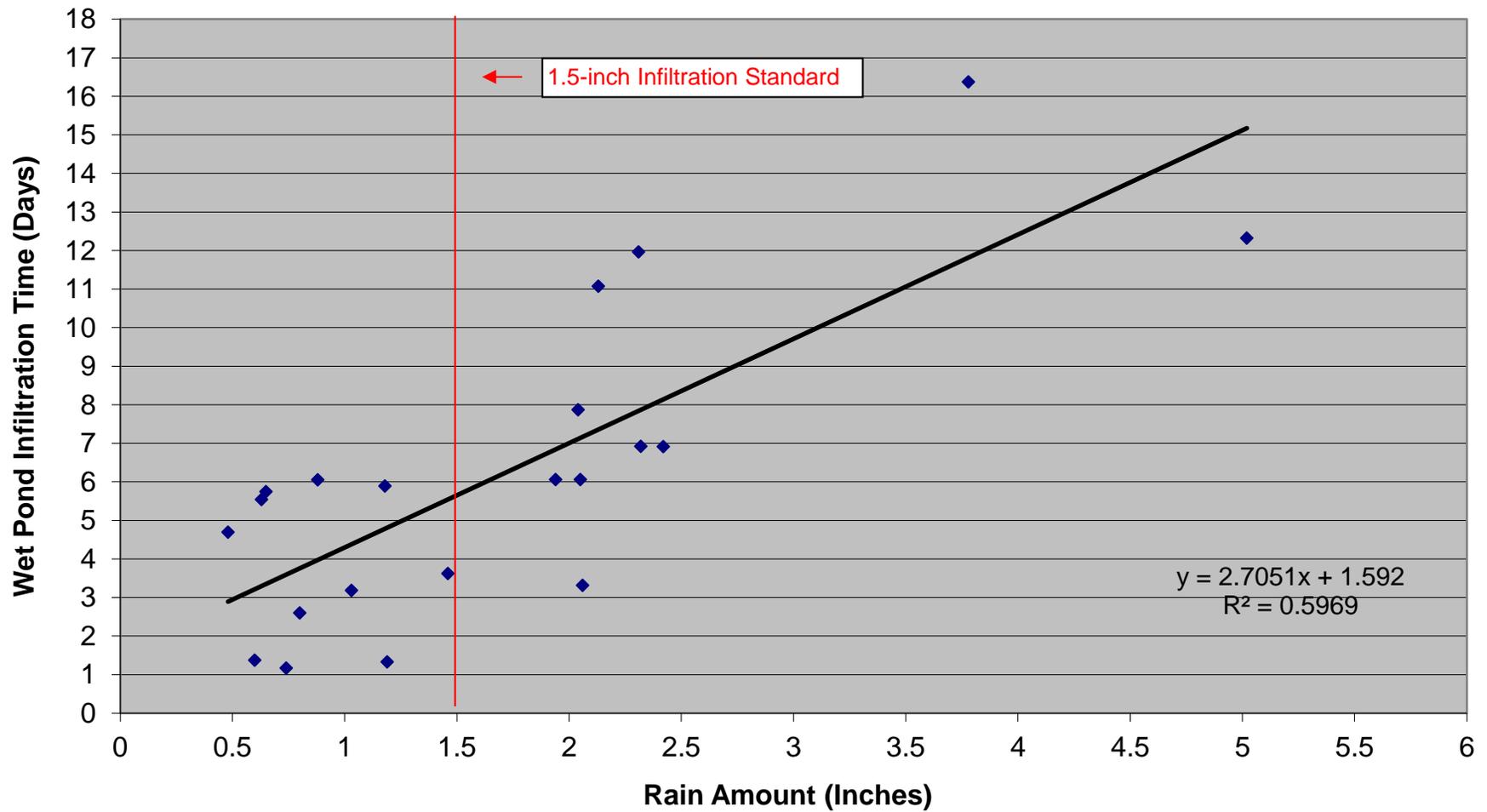


Figure 36. Kinnickinnic River Macroinvertebrates: Hilsenhoff Biotic Index

