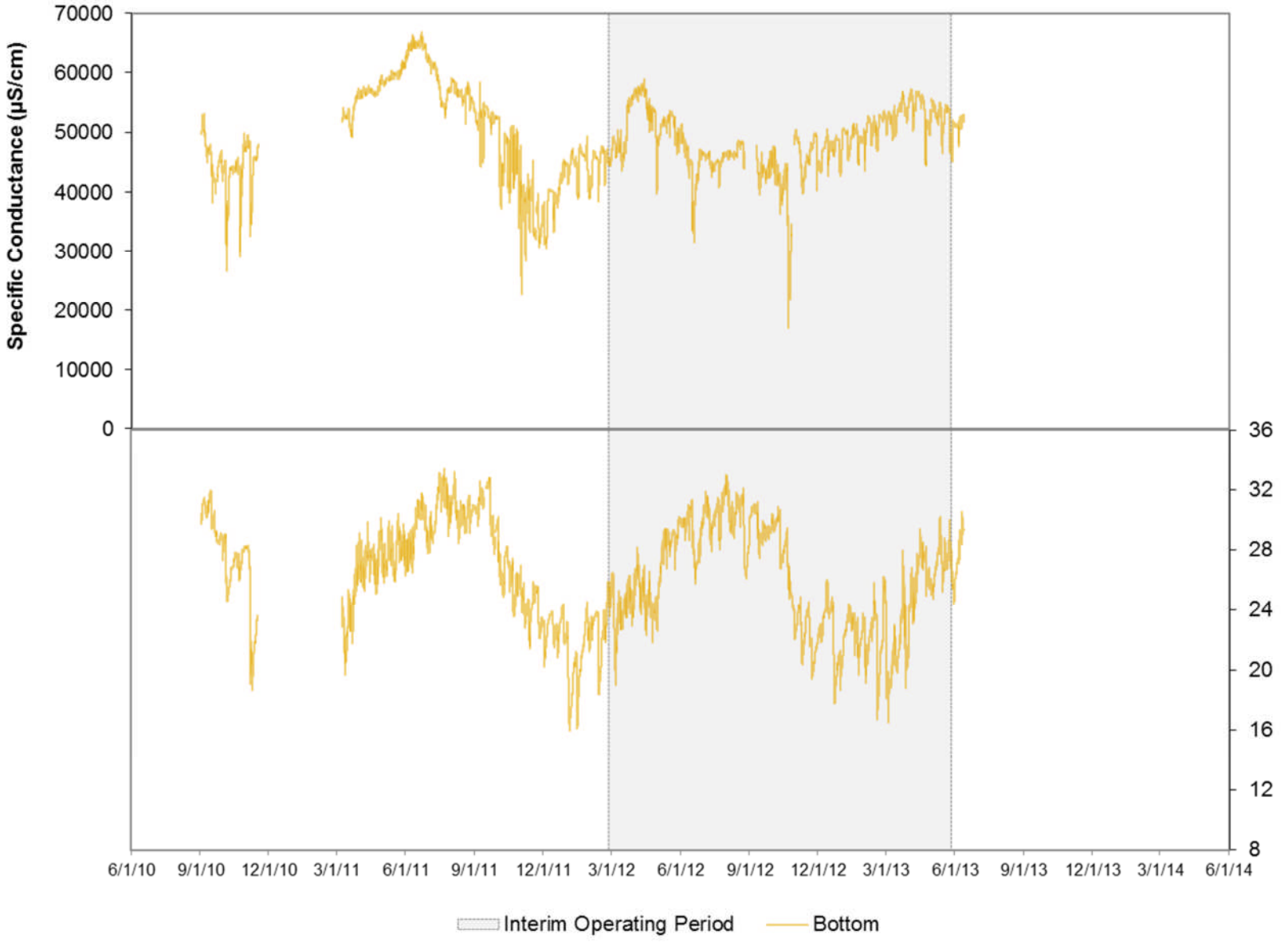


United States Nuclear Regulatory Commission Official Hearing Exhibit
In the Matter of: FLORIDA POWER & LIGHT COMPANY (Turkey Point Nuclear Generating, Units 3 and 4)
ASLBP #: 15-935-02-LA-BD01
Docket #: 05000250 & 05000251
Exhibit #: FPL-024B-00-BD01
Admitted: 1/4/2016
Rejected:
Other:
Identified: 1/4/2016
Withdrawn:
Stricken:

Figure 2.2-2. TPBBSW-1 Specific Conductance and Temperature.

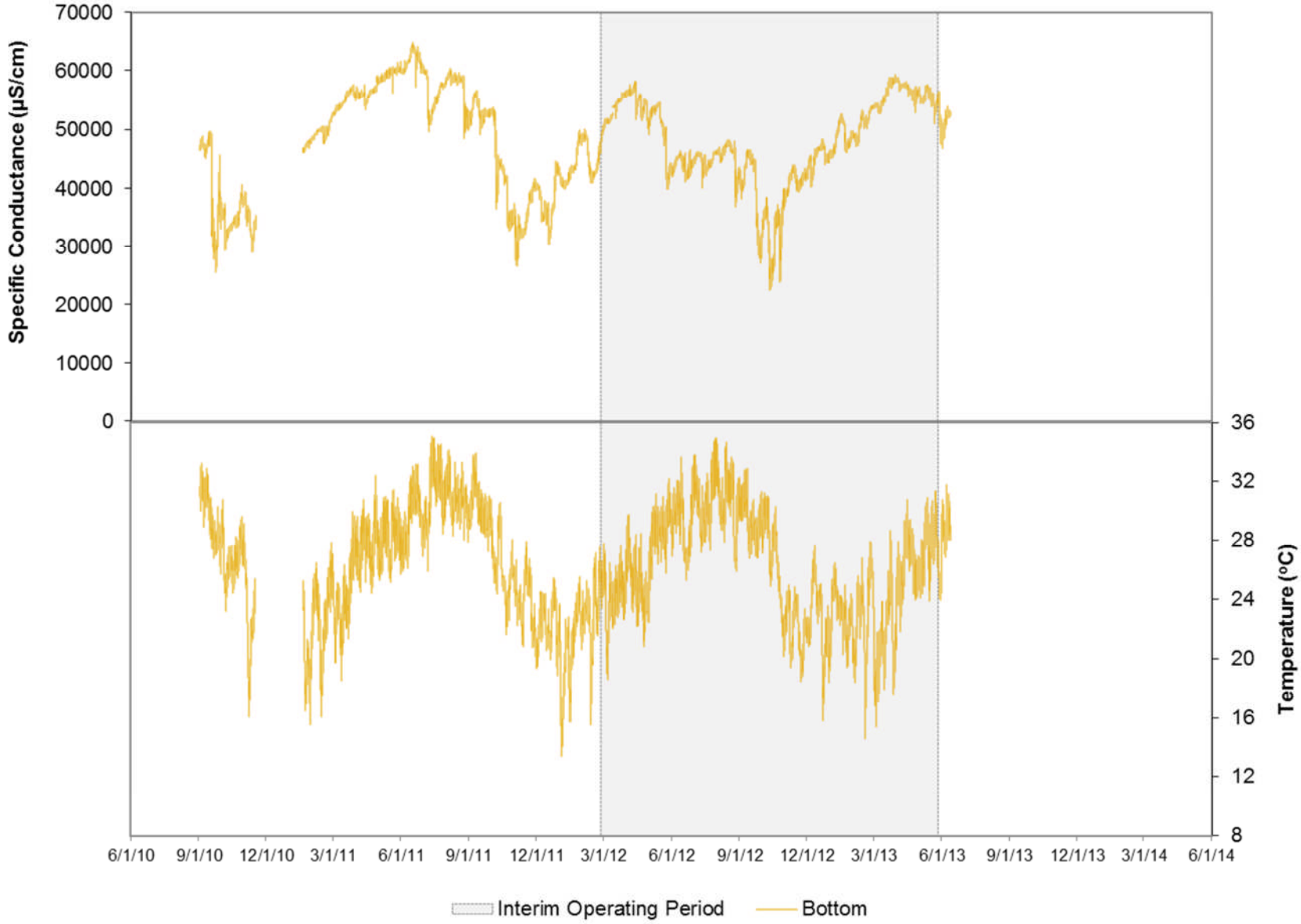


Figure 2.2-3. TPBBSW-2 Specific Conductance and Temperature.

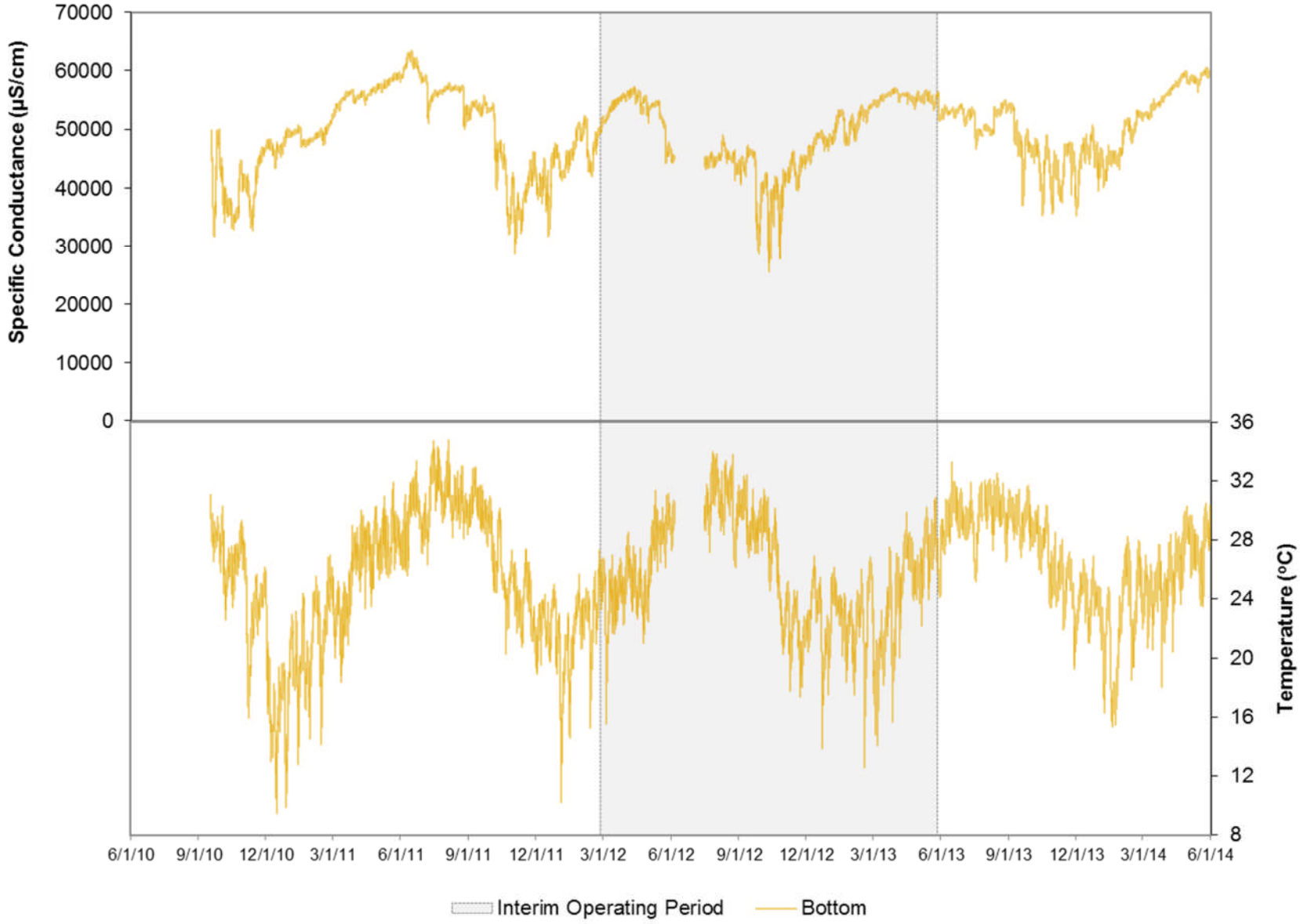


Figure 2.2-4. TPBBSW-3 Specific Conductance and Temperature.

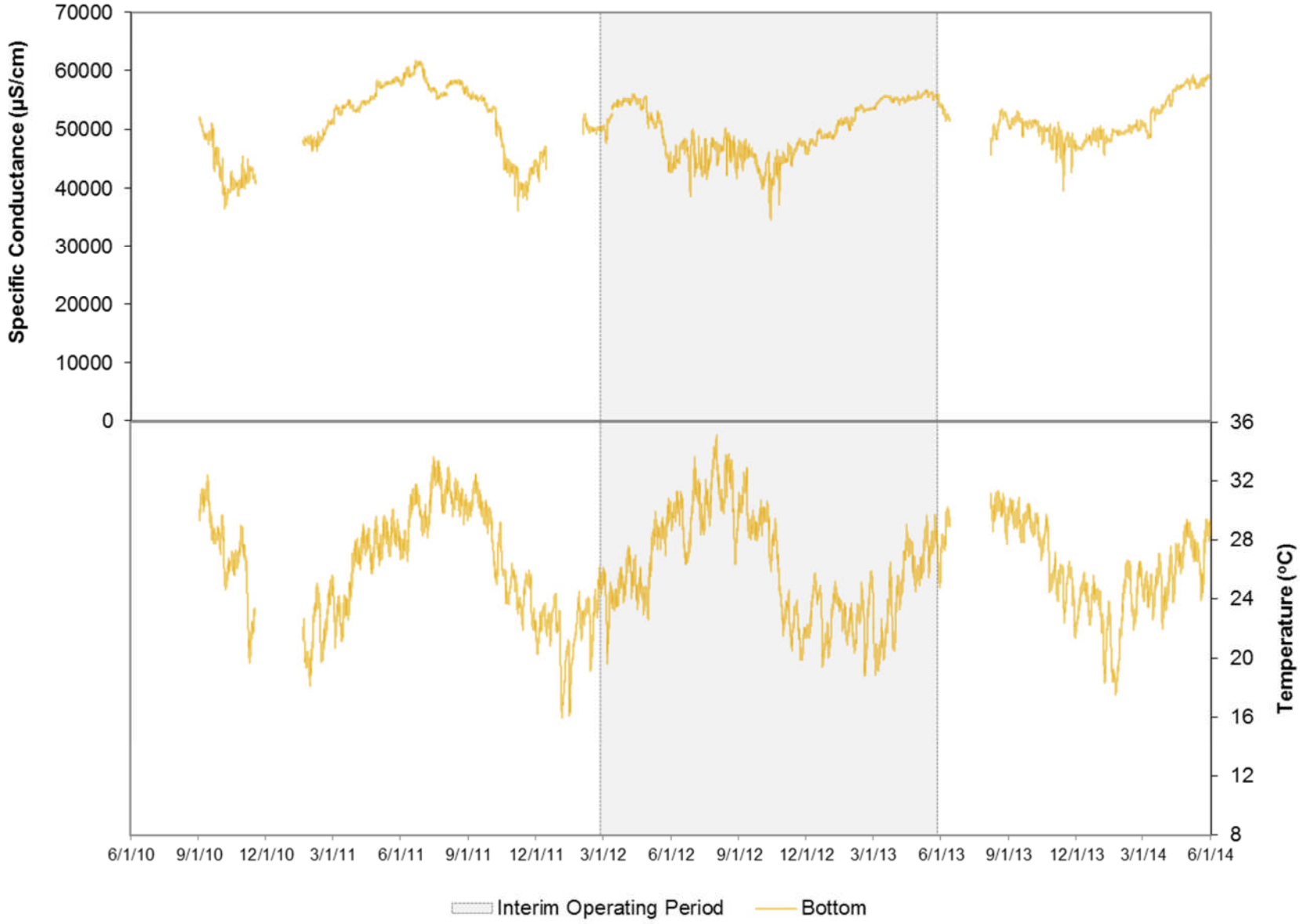


Figure 2.2-5. TPBBSW-4 Specific Conductance and Temperature.

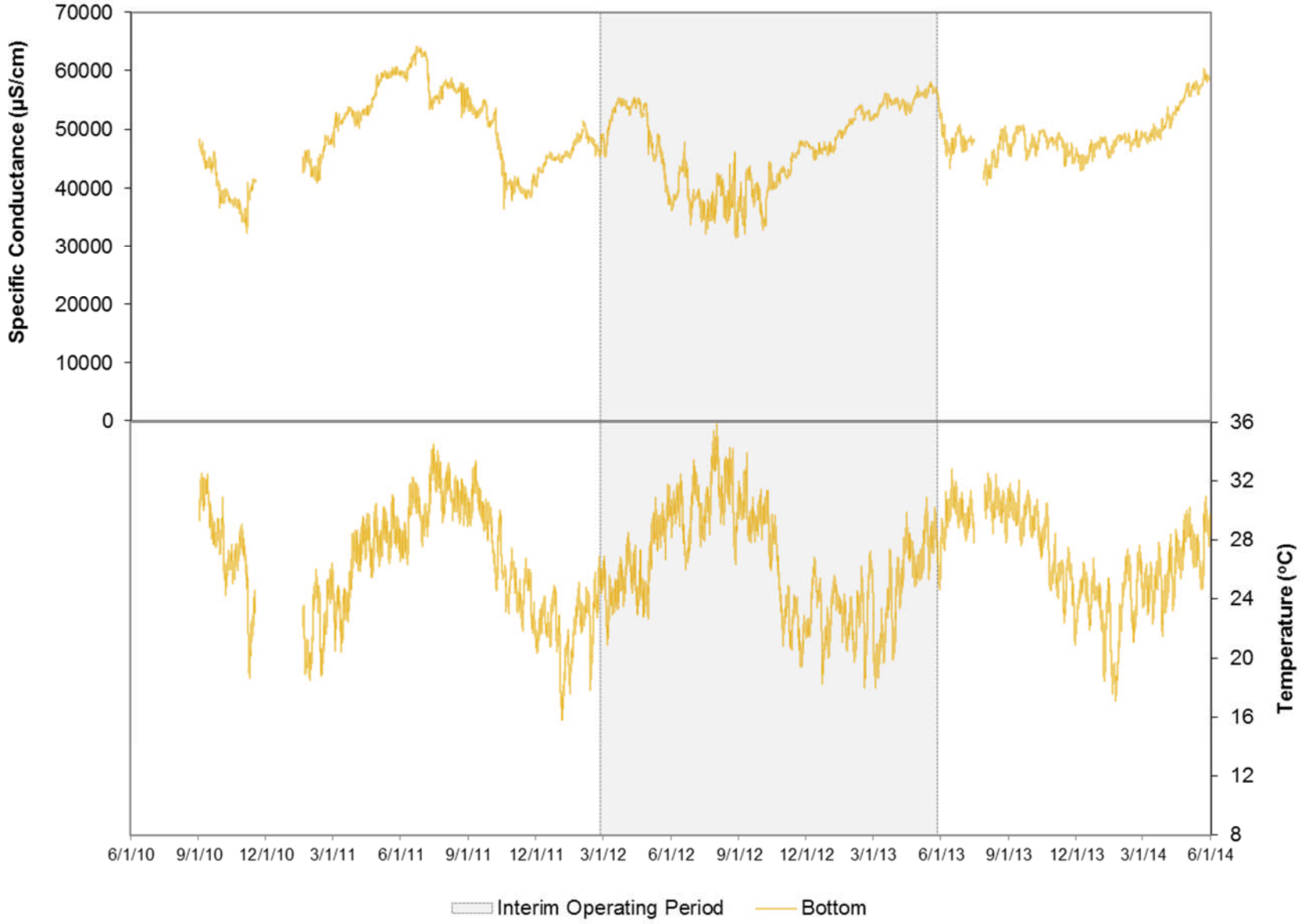


Figure 2.2-6. TPBBSW-5 Specific Conductance and Temperature.

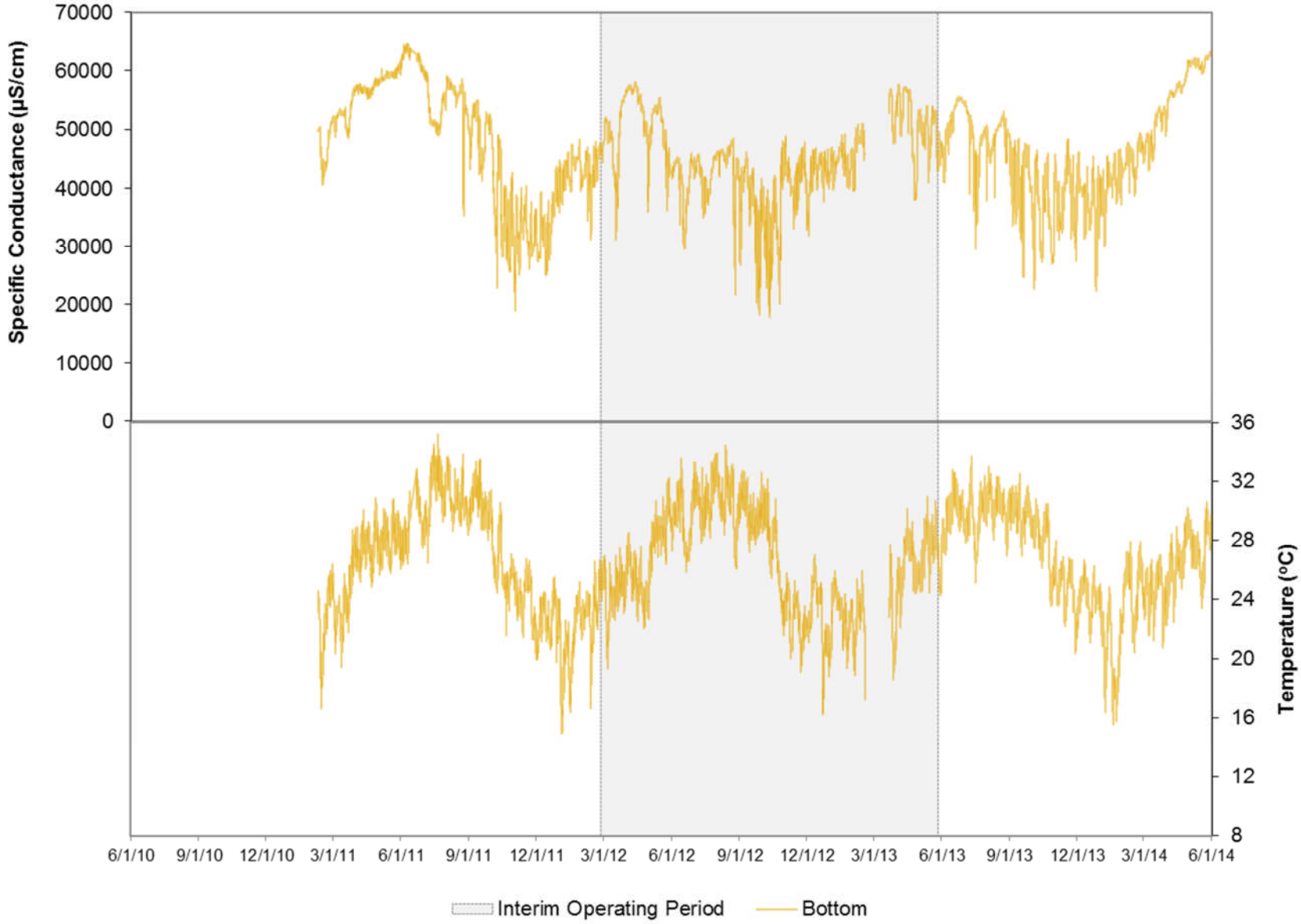


Figure 2.2-7. TPBBSW-10 Specific Conductance and Temperature.

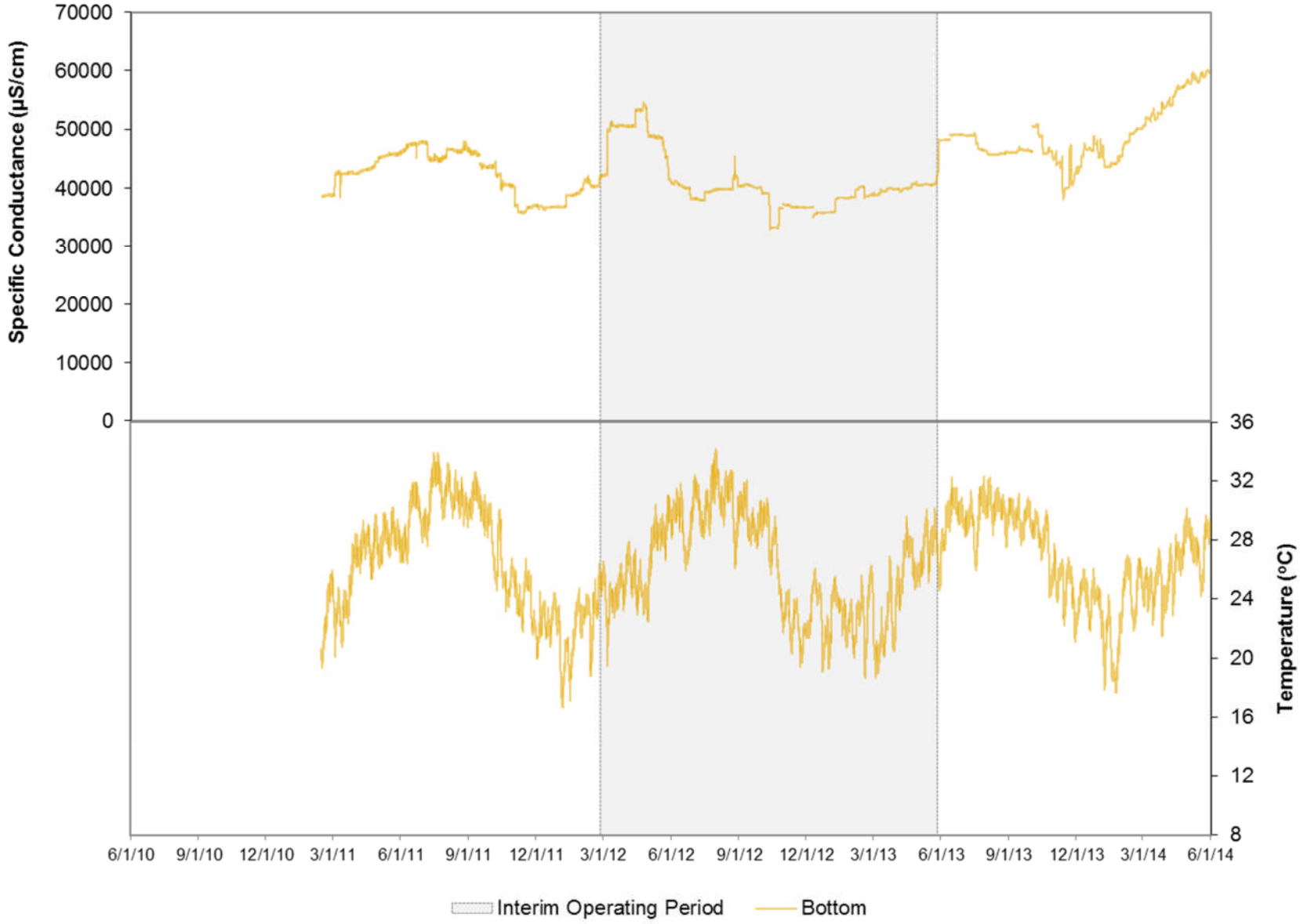


Figure 2.2-8. TPBBSW-14 Specific Conductance and Temperature.

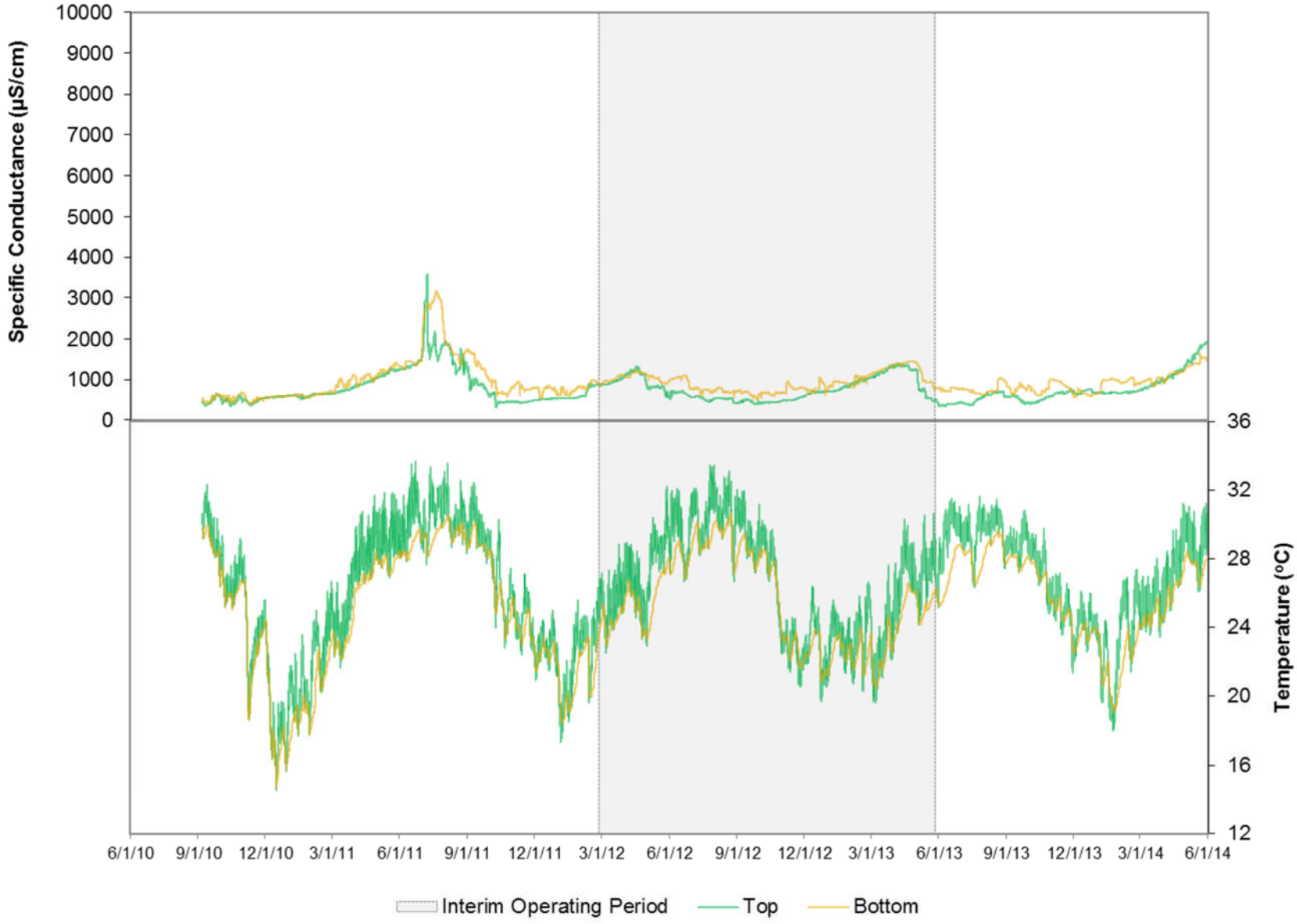


Figure 2.2-9. TPSWC-1 Specific Conductance and Temperature.

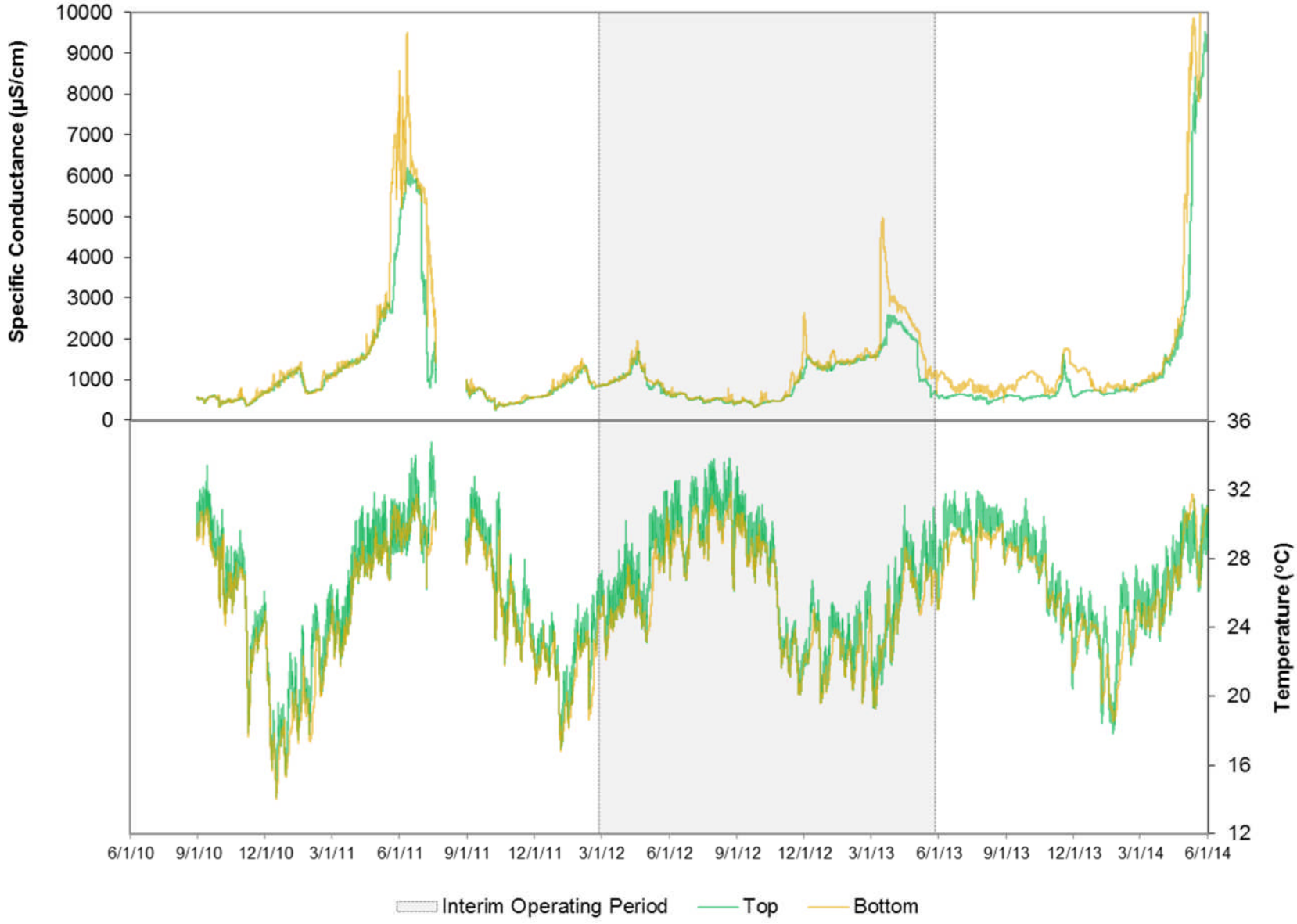


Figure 2.2-10. TPSWC-2 Specific Conductance and Temperature.

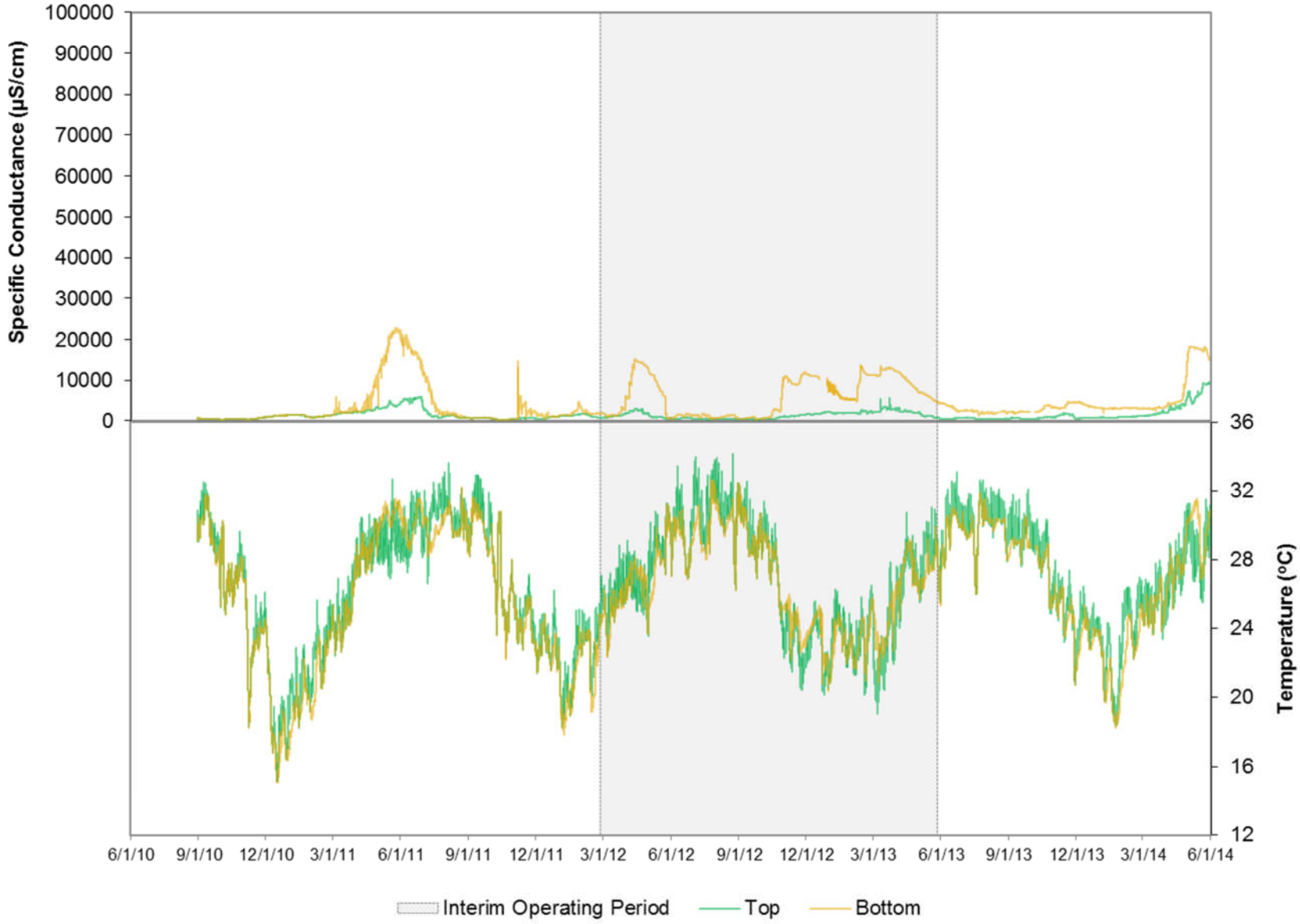


Figure 2.2-11. TPSWC-3 Specific Conductance and Temperature.

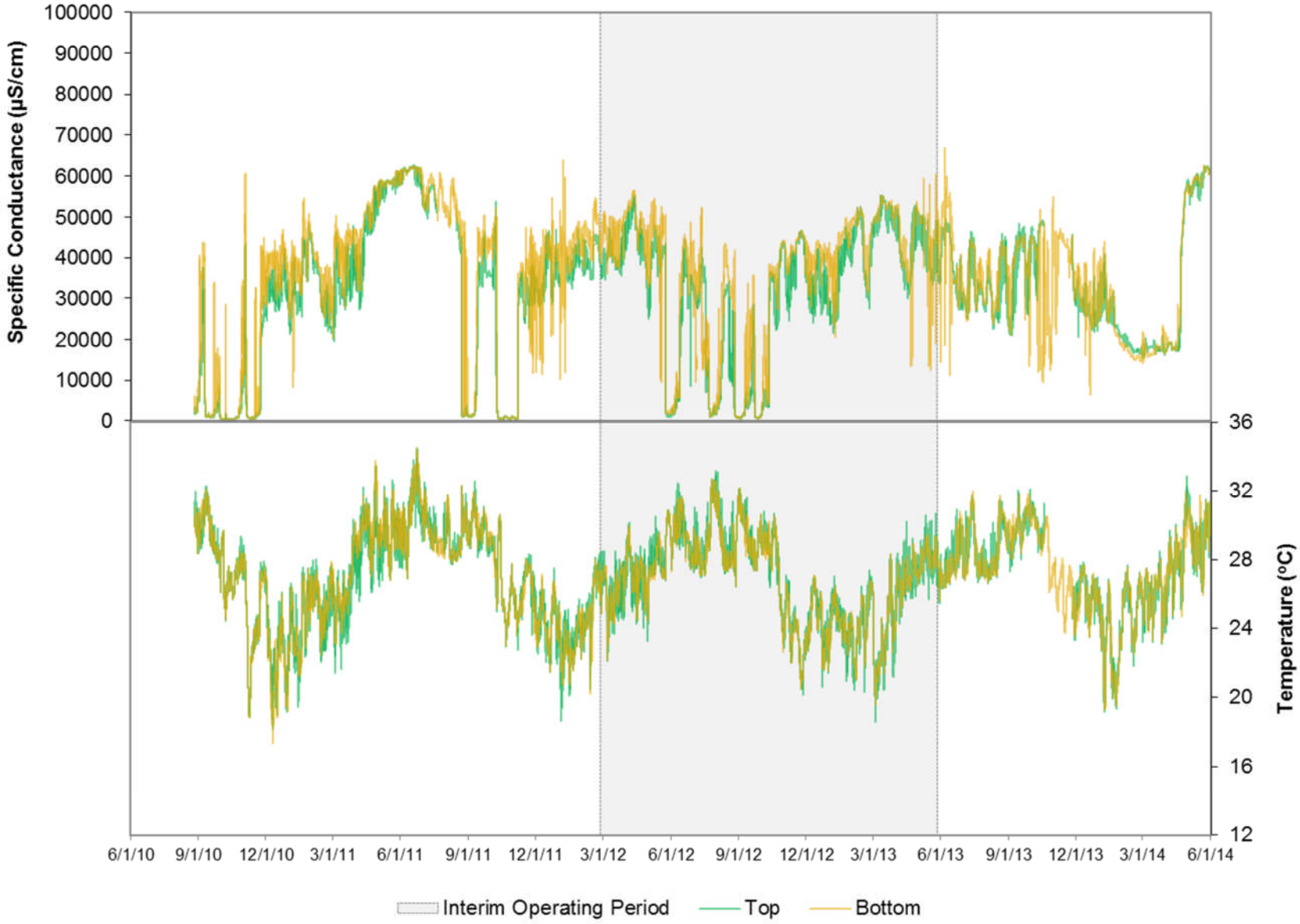


Figure 2.2-12. TPSWC-4 Specific Conductance and Temperature.

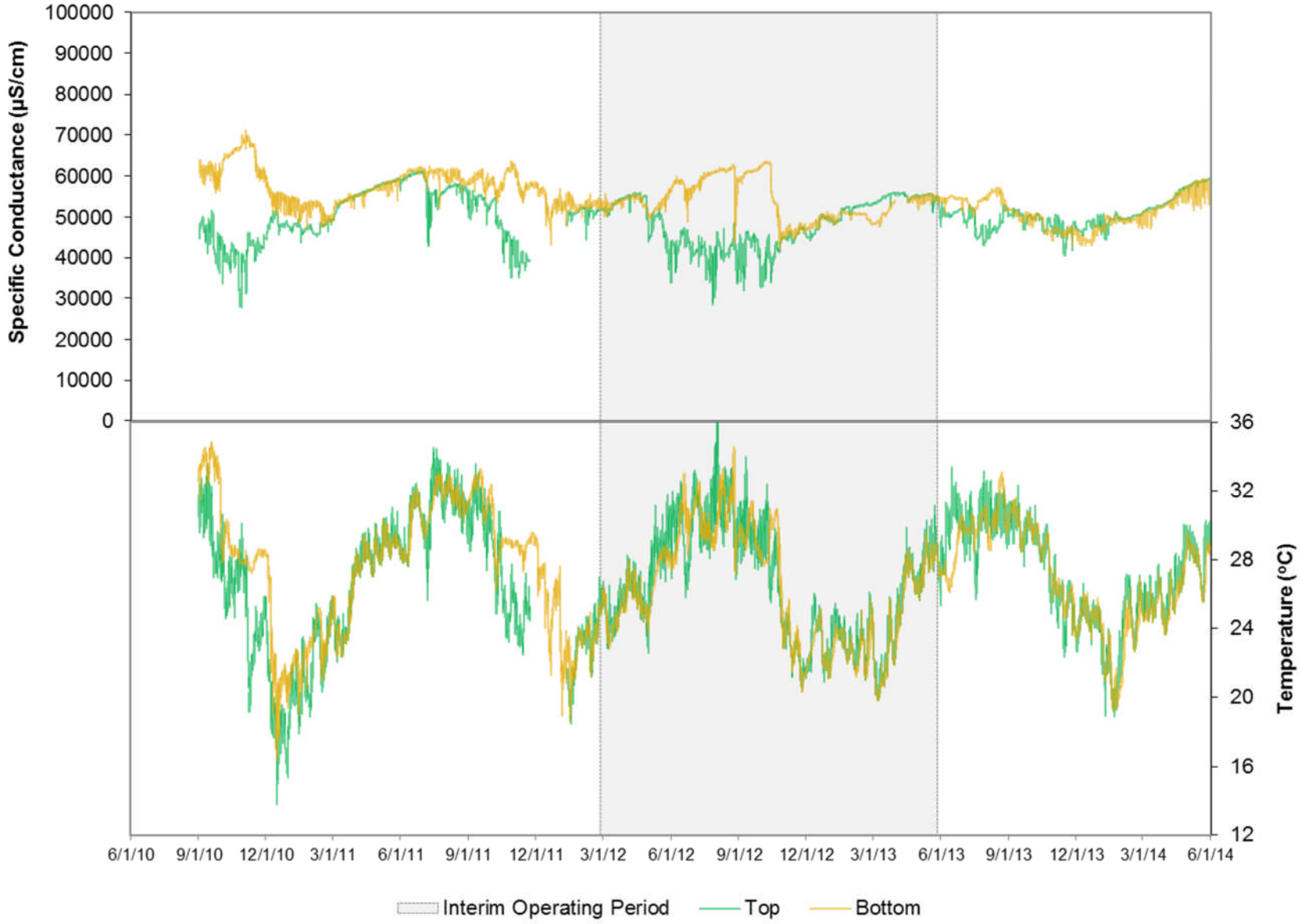


Figure 2.2-13. TPSWC-5 Specific Conductance and Temperature.

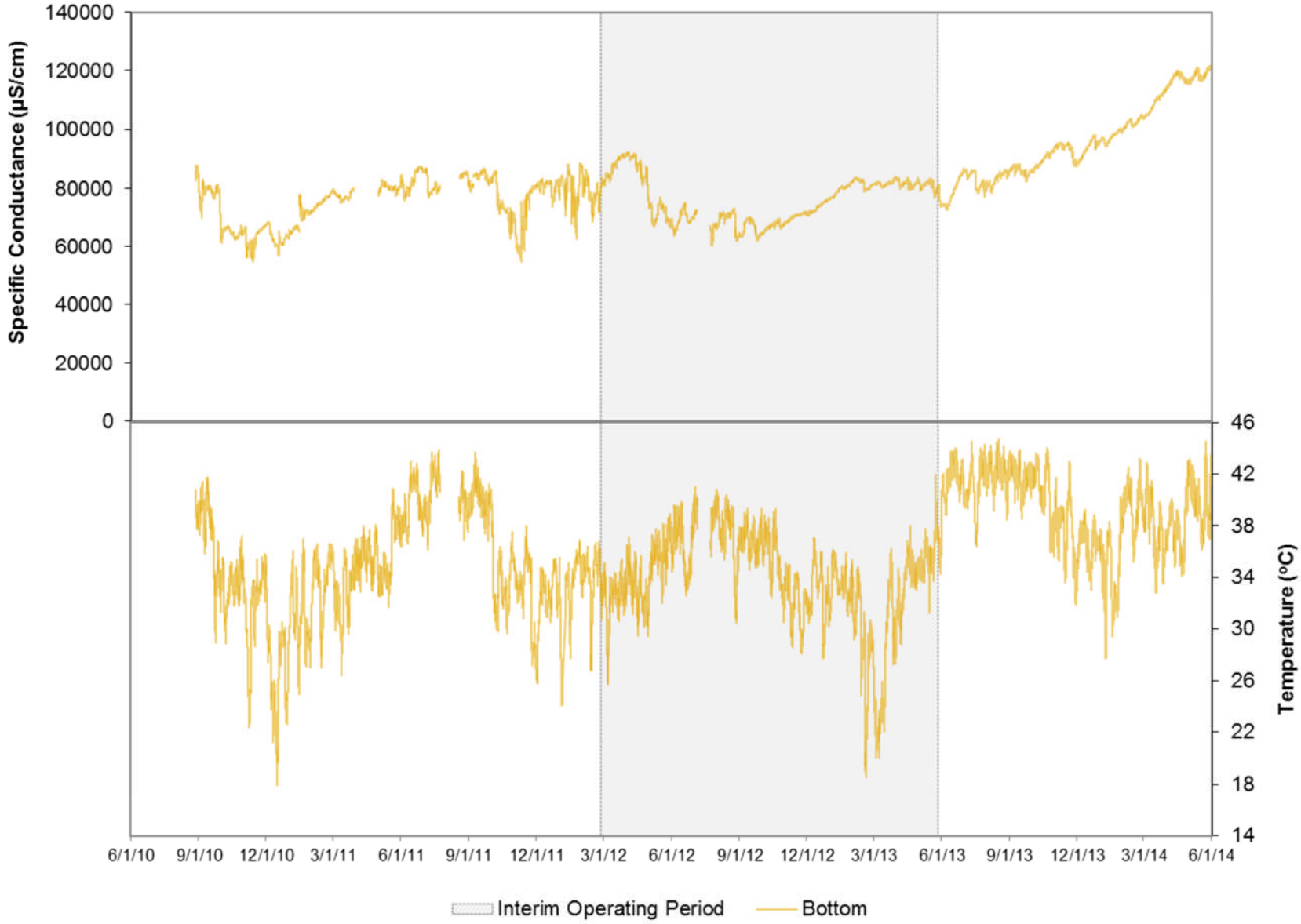


Figure 2.2-14. TPSWCCS-1 Specific Conductance and Temperature.

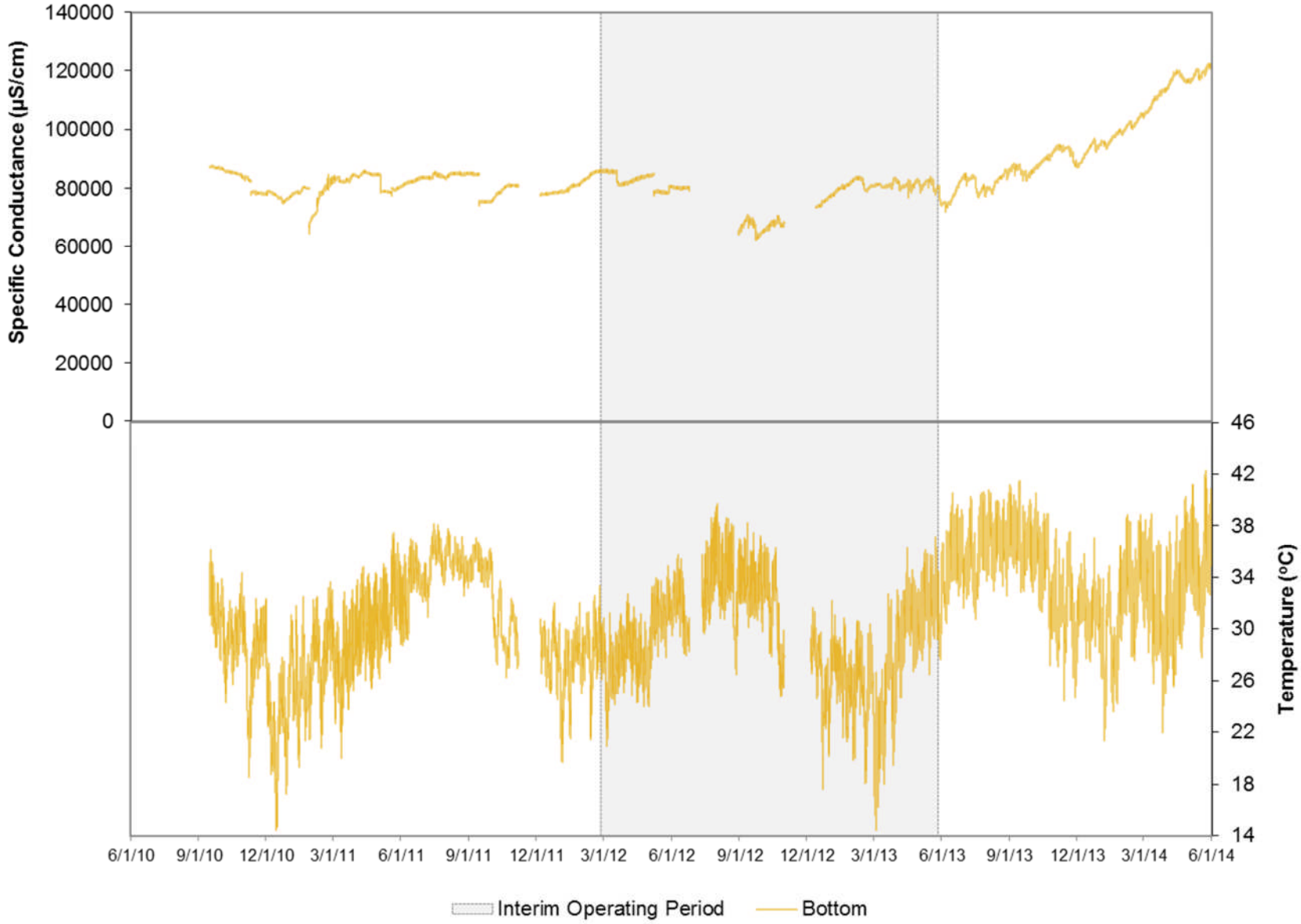


Figure 2.2-15. TPSWCCS-2 Specific Conductance and Temperature.

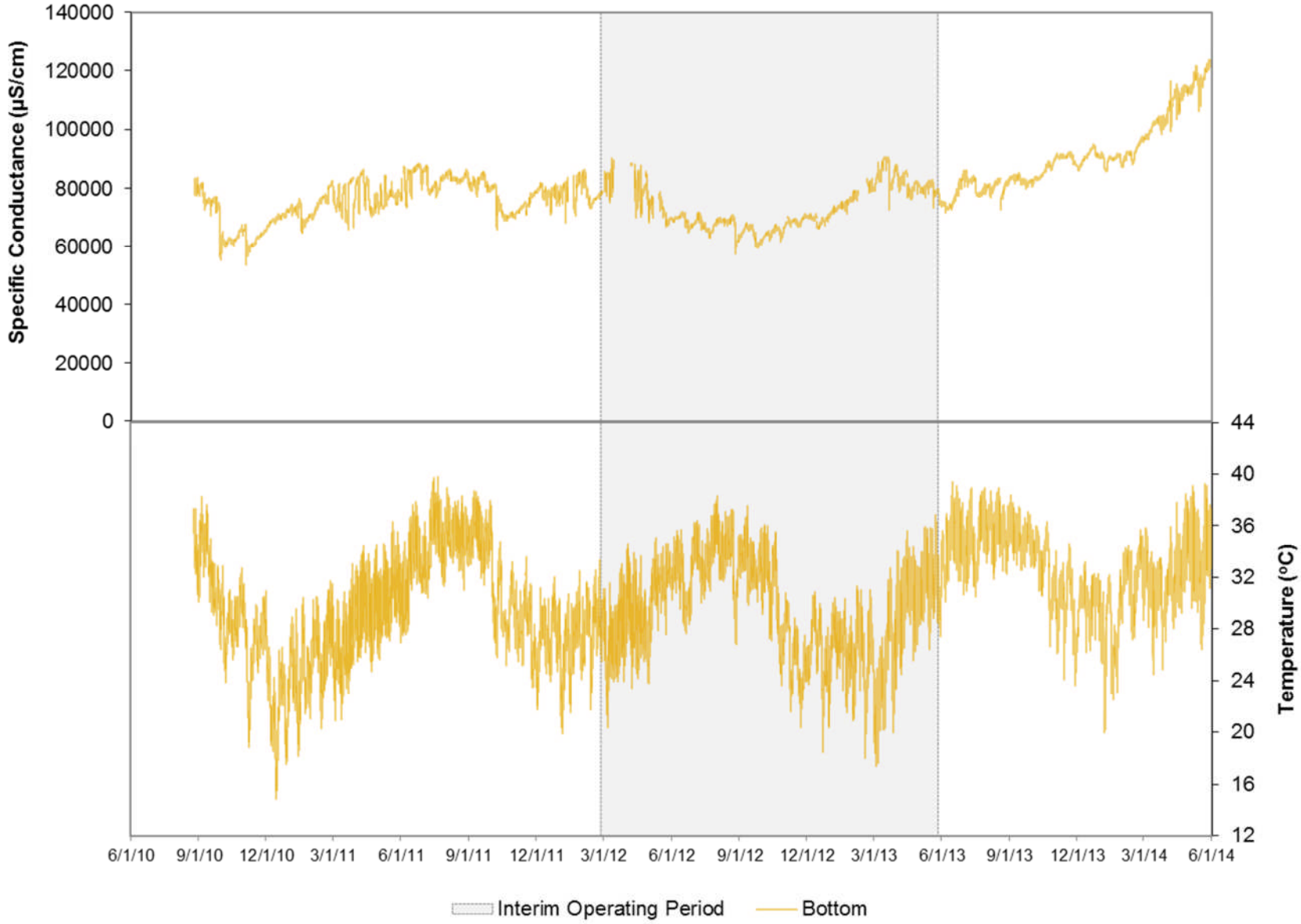


Figure 2.2-16. TPSWCCS-3 Specific Conductance and Temperature.

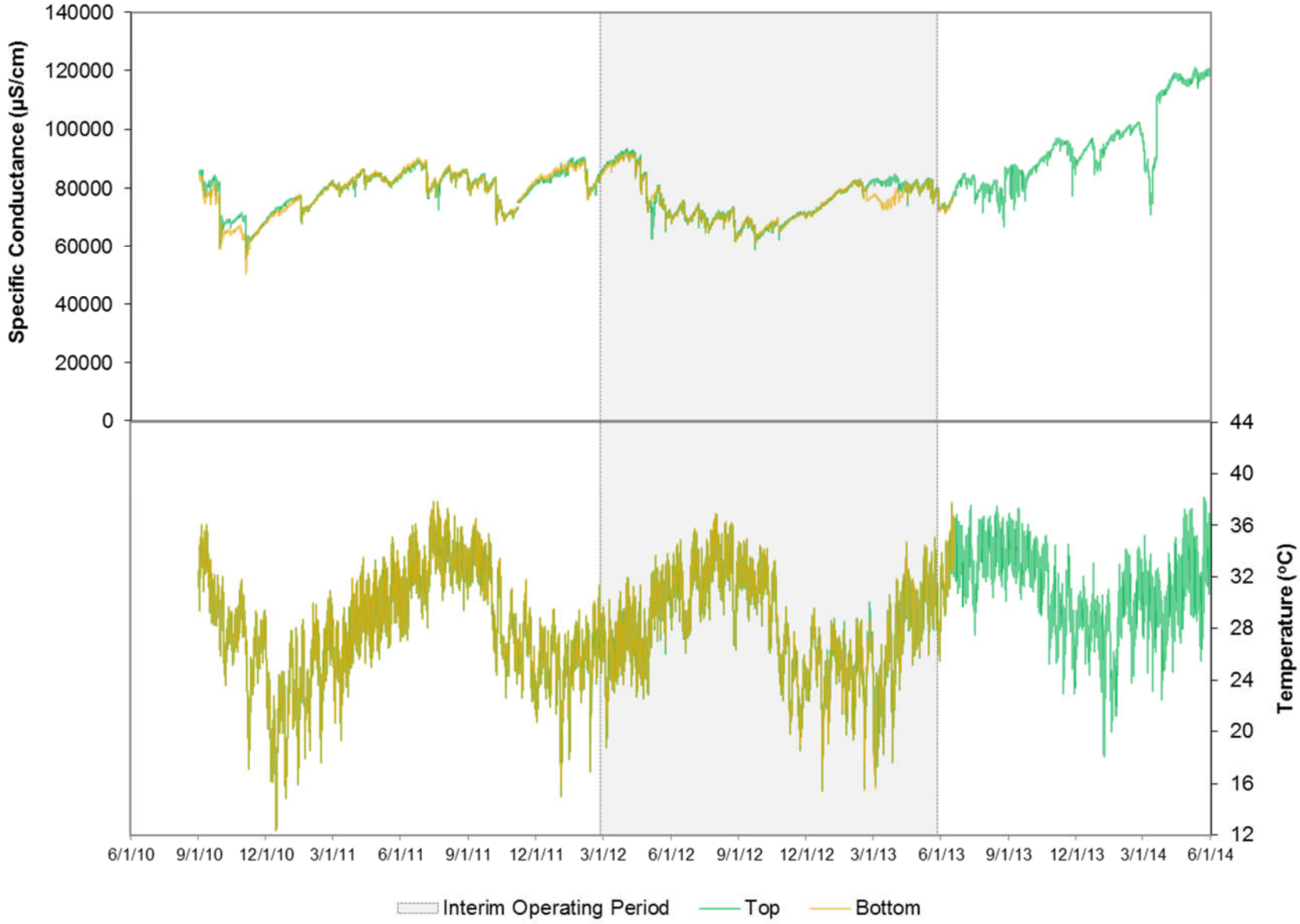


Figure 2.2-17. TPSWCCS-4 Specific Conductance and Temperature.

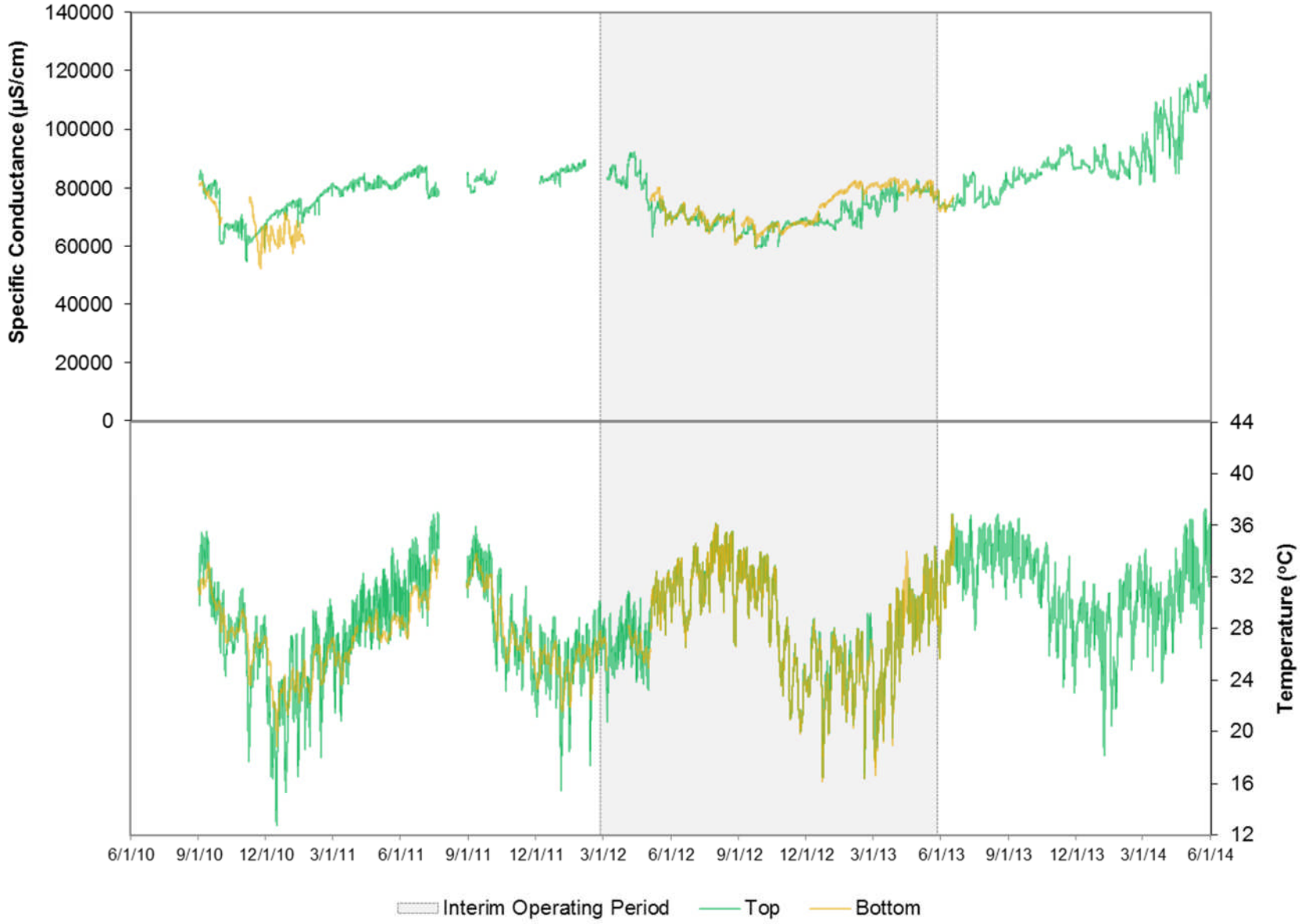


Figure 2.2-18. TPSWCCS-5 Specific Conductance and Temperature.

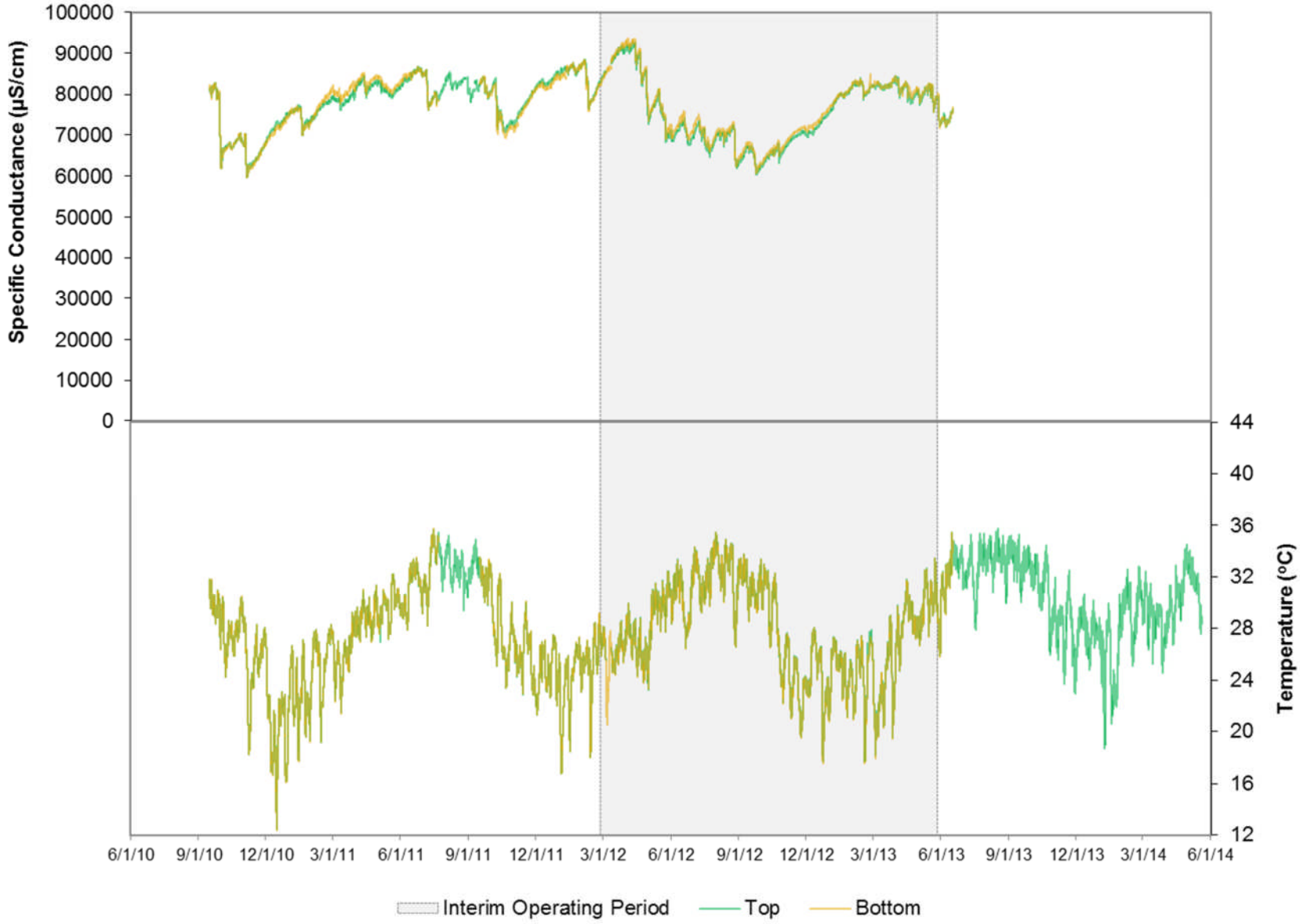


Figure 2.2-19. TPSWCCS-6 Specific Conductance and Temperature.

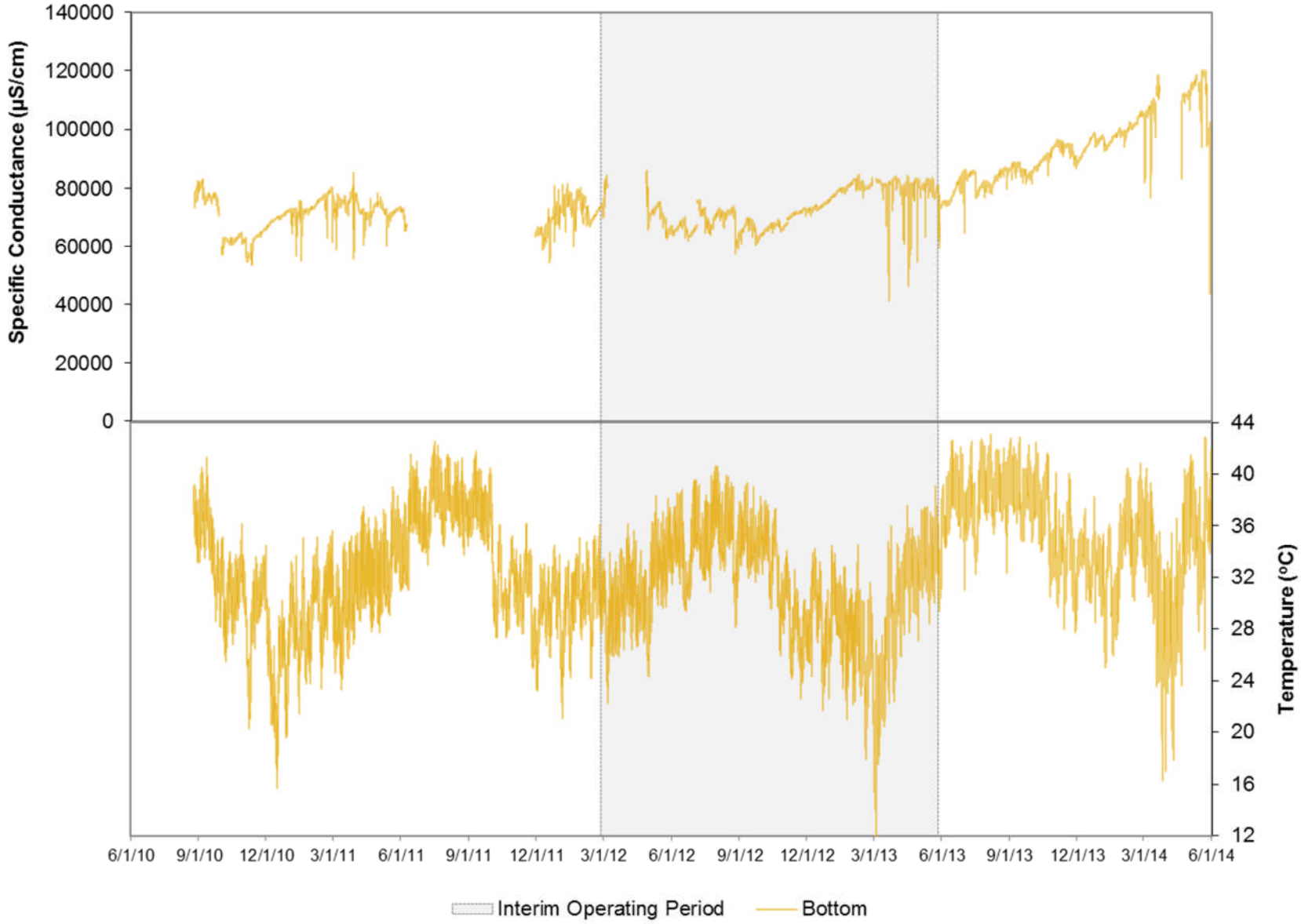


Figure 2.2-20. TPSWCCS-7 Specific Conductance and Temperature.

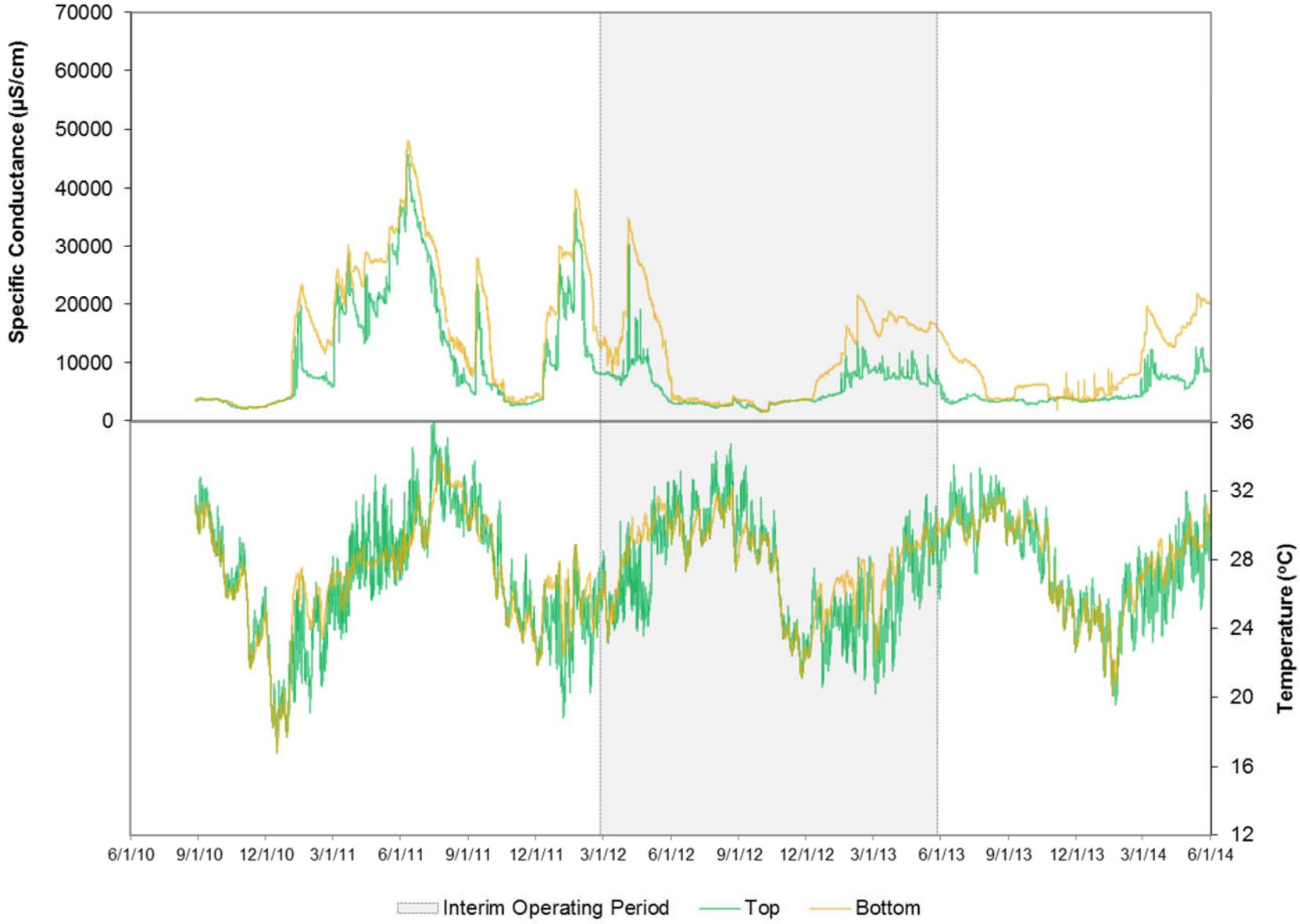


Figure 2.2-21. TPSWID-1 Specific Conductance and Temperature.

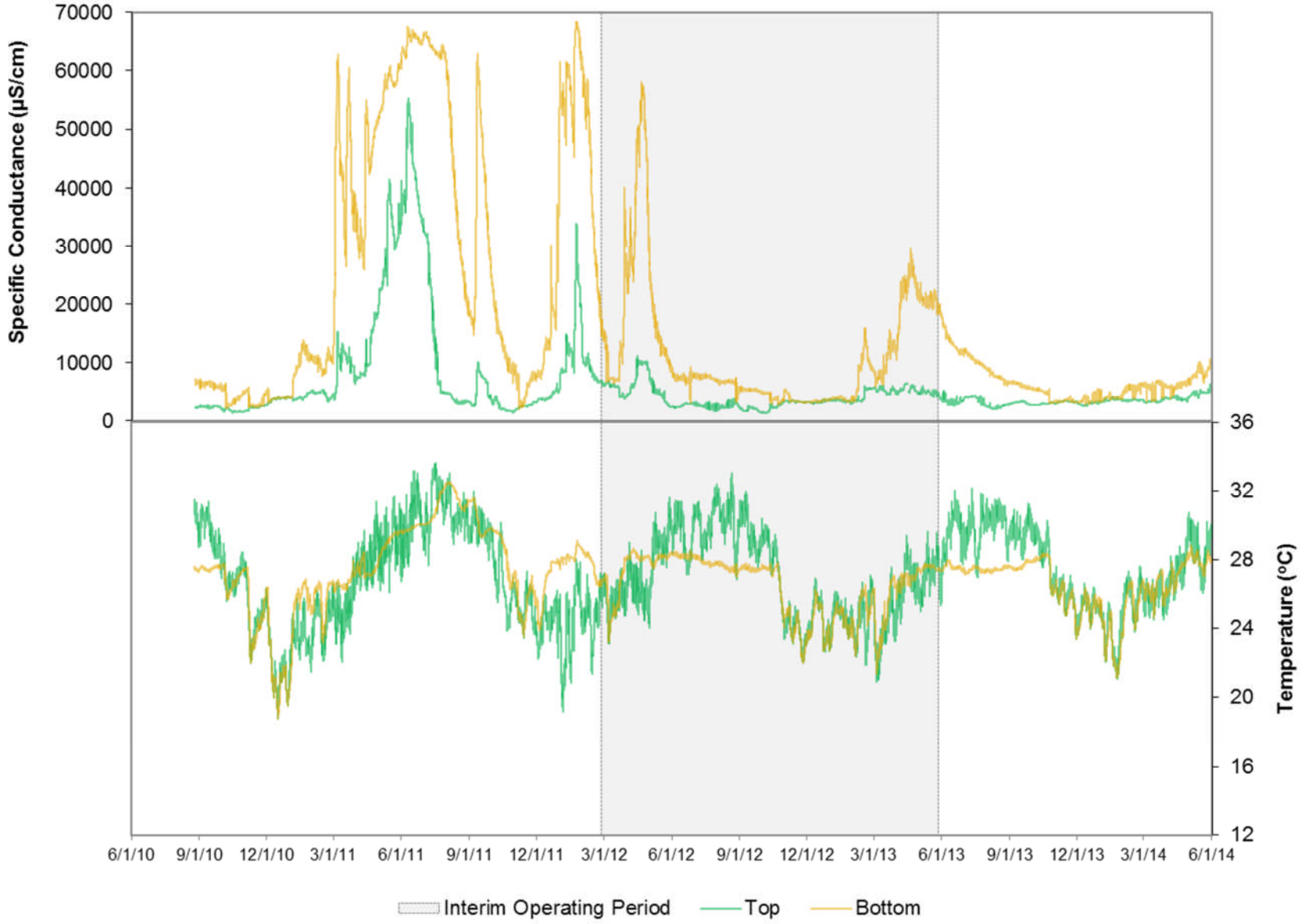


Figure 2.2-22. TPSWID-2 Specific Conductance and Temperature.

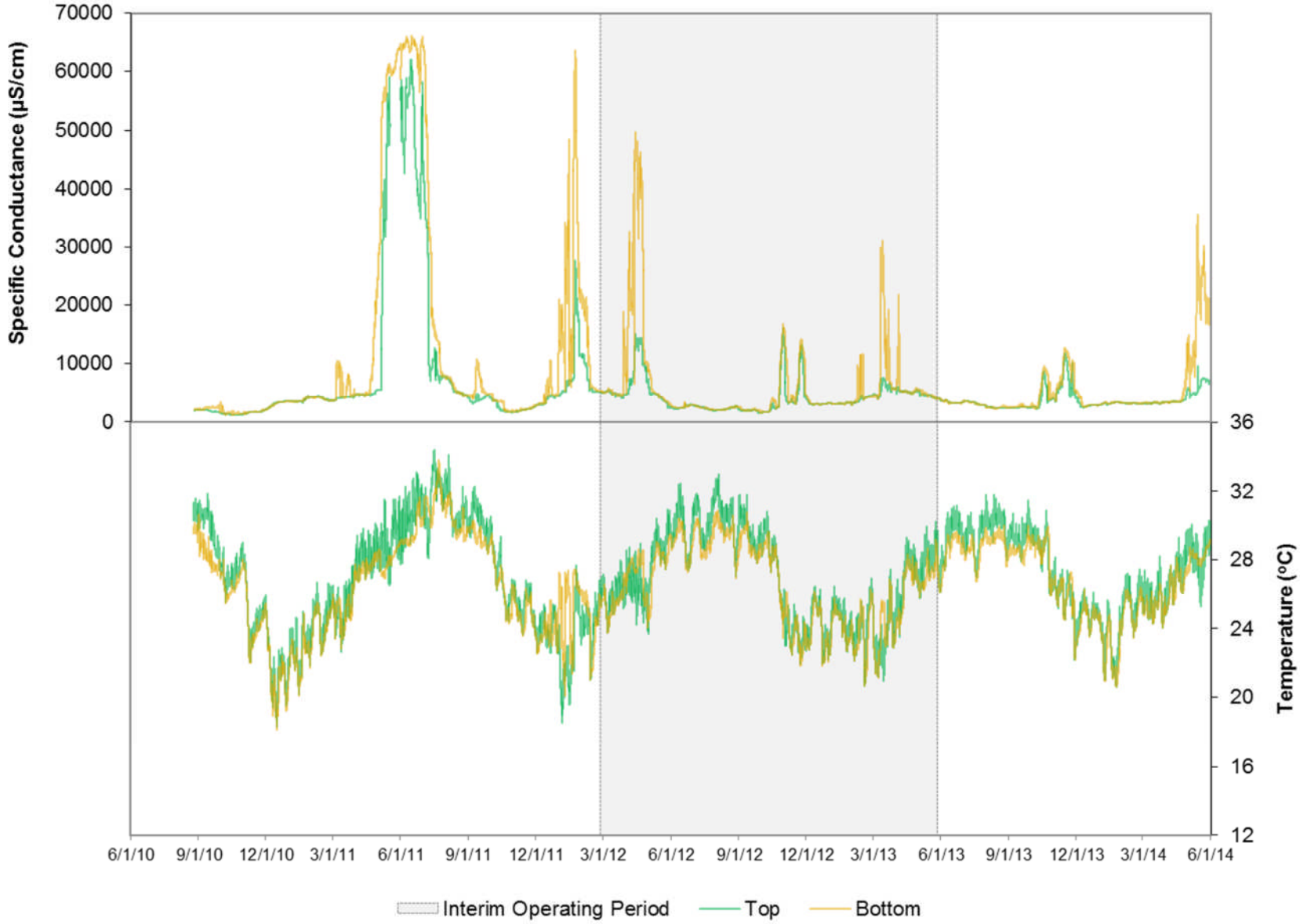
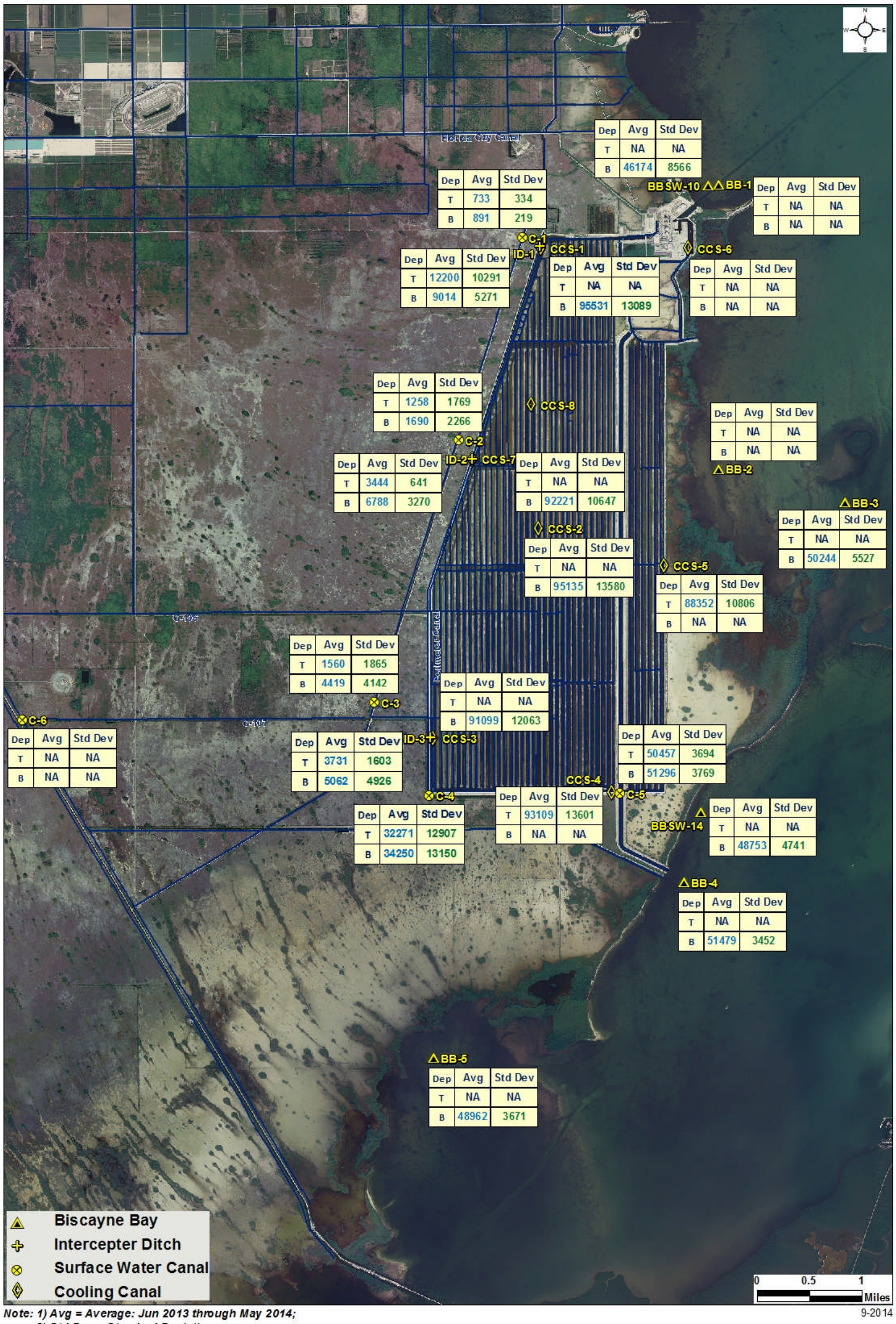


Figure 2.2-23. TPSWID-3 Specific Conductance and Temperature.



Dep	Avg	Std Dev
T	NA	NA
B	46174	8566

Dep	Avg	Std Dev
T	733	334
B	891	219

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	12200	10291
B	9014	5271

Dep	Avg	Std Dev
T	NA	NA
B	95531	13089

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	1258	1769
B	1690	2266

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	3444	641
B	6788	3270

Dep	Avg	Std Dev
T	NA	NA
B	92221	10647

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	NA	NA
B	95135	13580

Dep	Avg	Std Dev
T	NA	NA
B	50244	5527

Dep	Avg	Std Dev
T	88352	10806
B	NA	NA

Dep	Avg	Std Dev
T	1560	1865
B	4419	4142

Dep	Avg	Std Dev
T	NA	NA
B	91099	12063

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	3731	1603
B	5062	4926

Dep	Avg	Std Dev
T	50457	3694
B	51296	3769

Dep	Avg	Std Dev
T	93109	13601
B	NA	NA

Dep	Avg	Std Dev
T	NA	NA
B	48753	4741

Dep	Avg	Std Dev
T	32271	12907
B	34250	13150

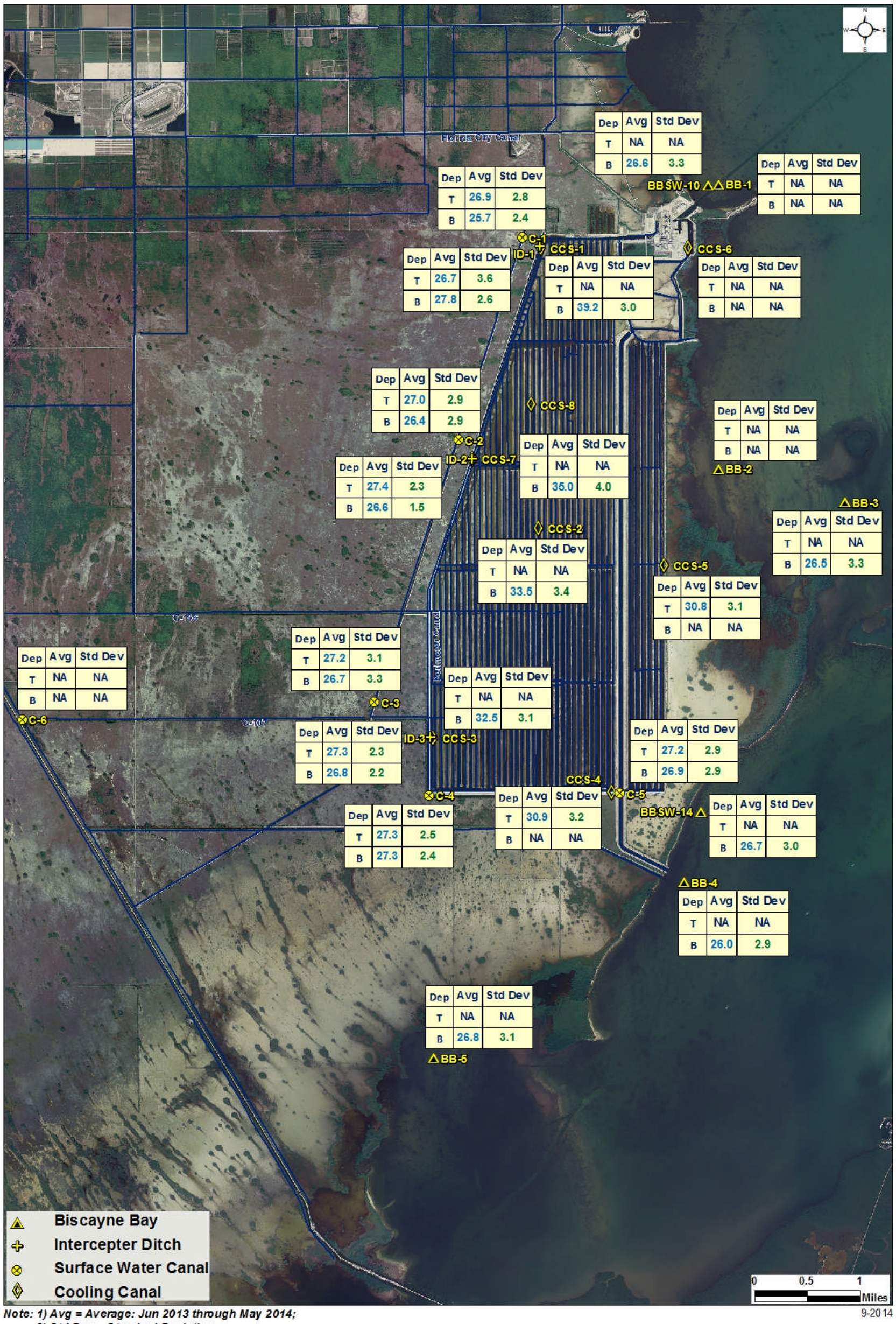
Dep	Avg	Std Dev
T	NA	NA
B	51479	3452

Dep	Avg	Std Dev
T	NA	NA
B	48962	3671

Note: 1) Avg = Average: Jun 2013 through May 2014;
2) Std Dev = Standard Deviation;
3) NA: Not Available;
4) Samples Collected at 2 Depths (T: Top; B: Bottom)

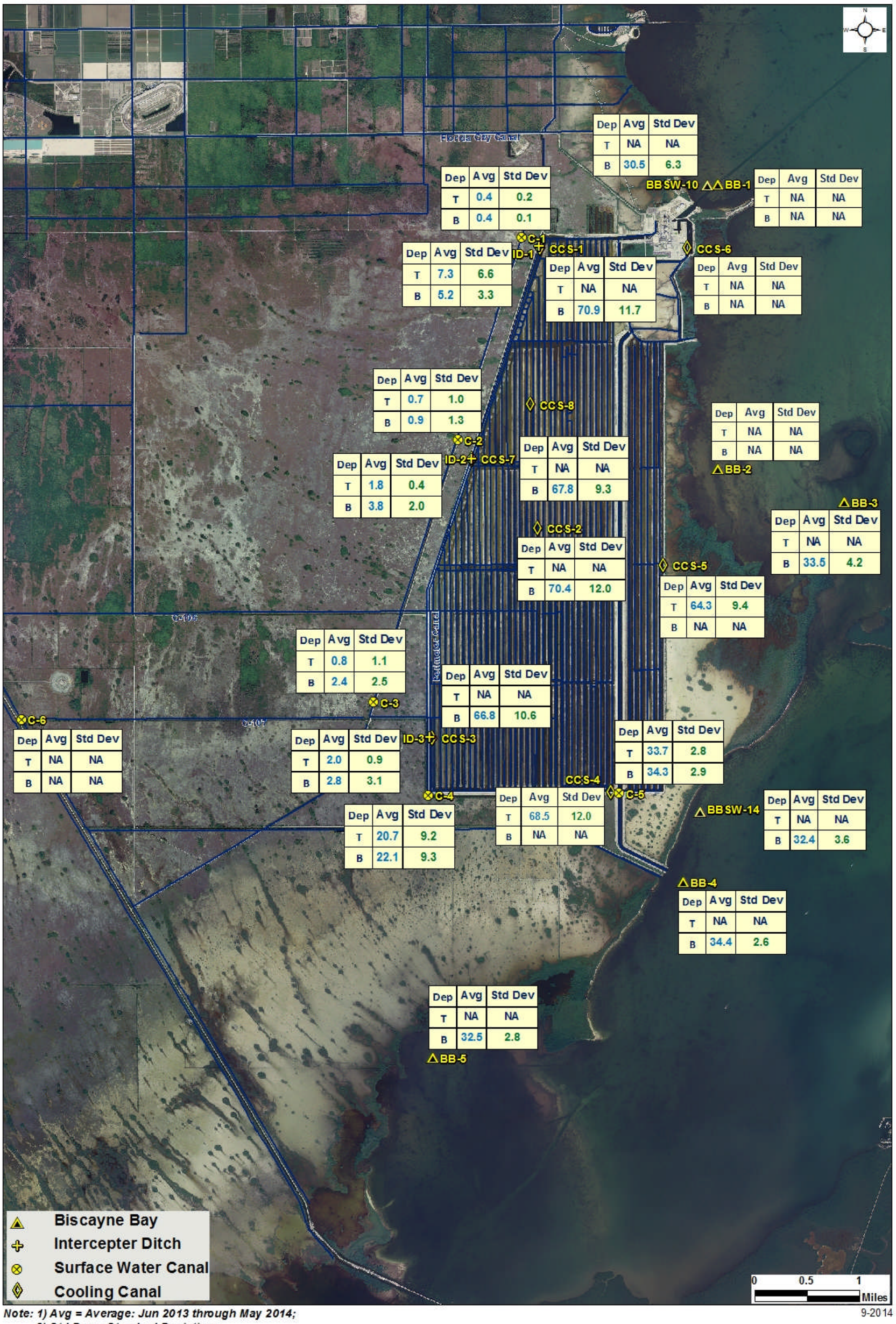
9-2014

Figure 2.2-24. Average and Standard Deviation of Specific Conductance Values (in µS/cm) for Surface Water Stations.



Note: 1) Avg = Average: Jun 2013 through May 2014;
2) Std Dev = Standard Deviation;
3) NA: Not Available;
4) Samples Collected at 2 Depths (T: Top; B: Bottom)

Figure 2.2-25. Average and Standard Deviation of Temperature (in °Celsius) for Surface Water Stations.



Dep	Avg	Std Dev
T	NA	NA
B	30.5	6.3

Dep	Avg	Std Dev
T	0.4	0.2
B	0.4	0.1

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	7.3	6.6
B	5.2	3.3

Dep	Avg	Std Dev
T	NA	NA
B	70.9	11.7

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	0.7	1.0
B	0.9	1.3

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	1.8	0.4
B	3.8	2.0

Dep	Avg	Std Dev
T	NA	NA
B	67.8	9.3

Dep	Avg	Std Dev
T	NA	NA
B	33.5	4.2

Dep	Avg	Std Dev
T	NA	NA
B	70.4	12.0

Dep	Avg	Std Dev
T	64.3	9.4
B	NA	NA

Dep	Avg	Std Dev
T	0.8	1.1
B	2.4	2.5

Dep	Avg	Std Dev
T	NA	NA
B	66.8	10.6

Dep	Avg	Std Dev
T	NA	NA
B	NA	NA

Dep	Avg	Std Dev
T	2.0	0.9
B	2.8	3.1

Dep	Avg	Std Dev
T	33.7	2.8
B	34.3	2.9

Dep	Avg	Std Dev
T	20.7	9.2
B	22.1	9.3

Dep	Avg	Std Dev
T	68.5	12.0
B	NA	NA

Dep	Avg	Std Dev
T	NA	NA
B	32.4	3.6

Dep	Avg	Std Dev
T	NA	NA
B	34.4	2.6

Dep	Avg	Std Dev
T	NA	NA
B	32.5	2.8

Note: 1) Avg = Average: Jun 2013 through May 2014;
2) Std Dev = Standard Deviation;
3) NA: Not Available;
4) Samples Collected at 2 Depths (T: Top; B: Bottom)

Figure 2.2-26. Average and Standard Deviation of Salinity (in PSS-78) for Surface Water Stations.

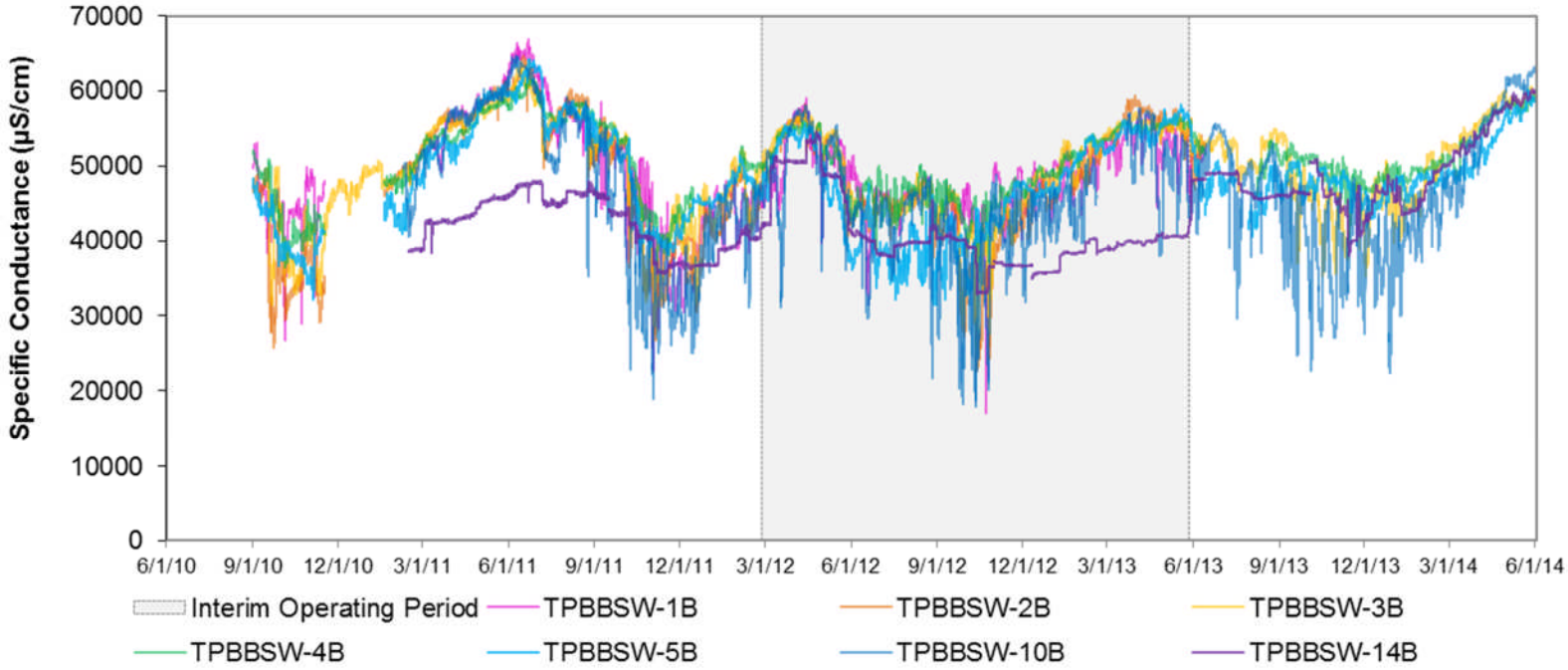


Figure 2.2-27. Comparison of Specific Conductance in Biscayne Bay Surface Water Stations.

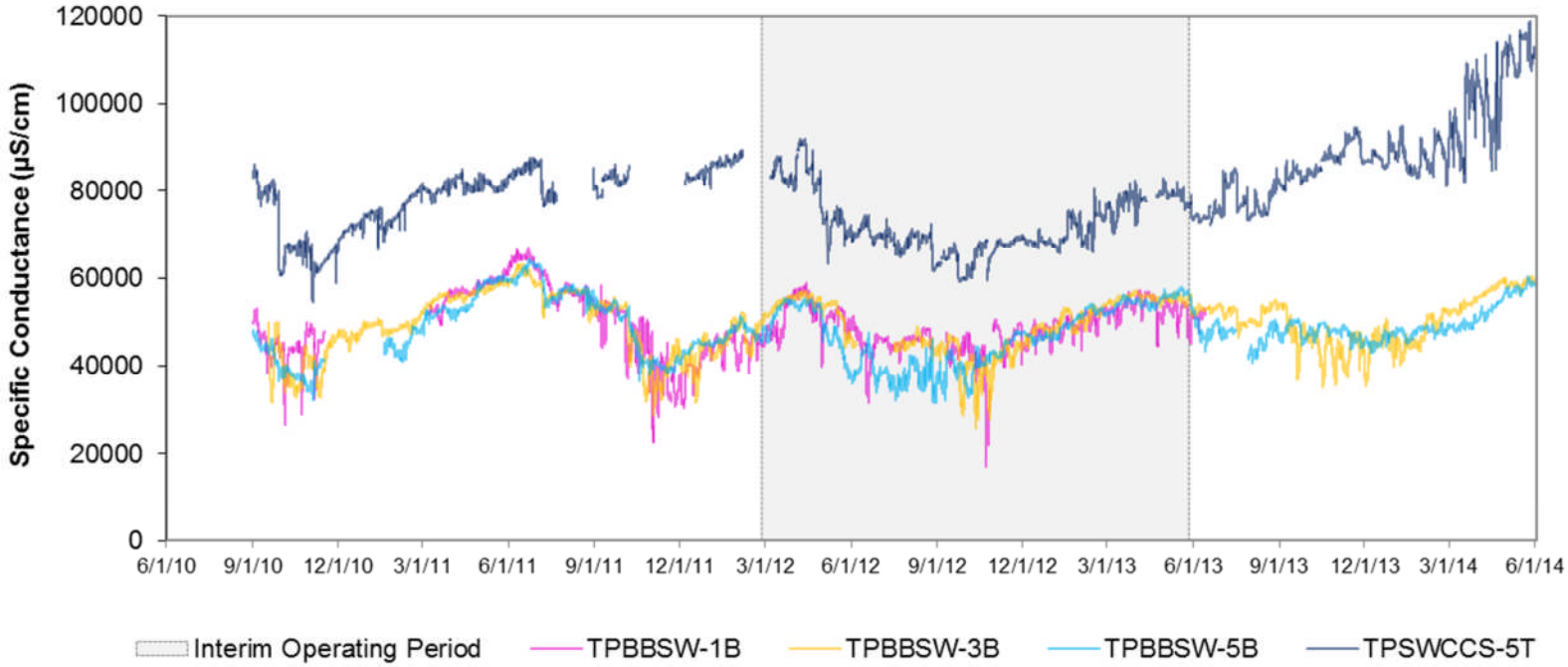


Figure 2.2-28. Comparison of Specific Conductance in CCS and Biscayne Bay Surface Water Stations.

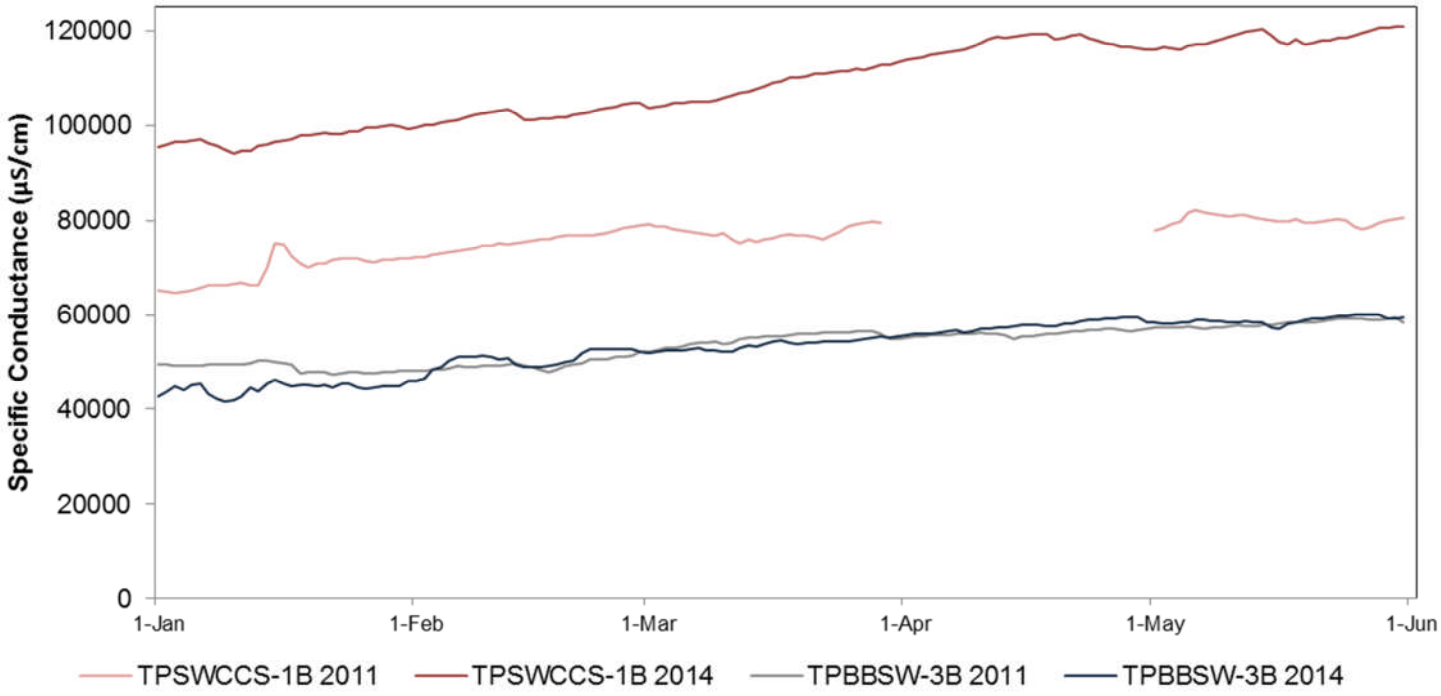


Figure 2.2-29. Comparison of CCS and Biscayne Bay Specific Conductance – Pre- and Post-Uprate.

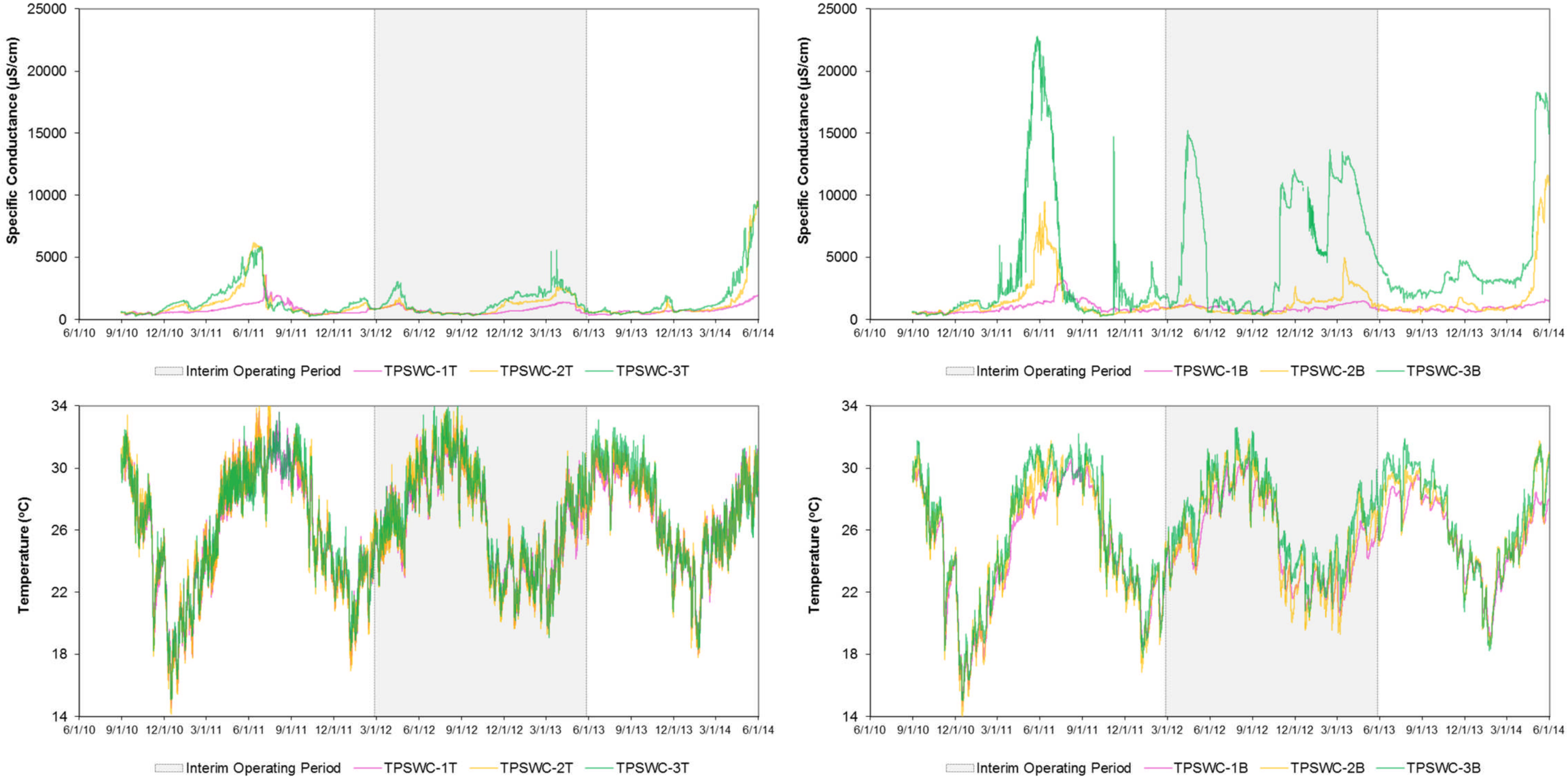


Figure 2.2-30. Comparison of Specific Conductance and Temperature in L-31E Canal for Top and Bottom Locations.

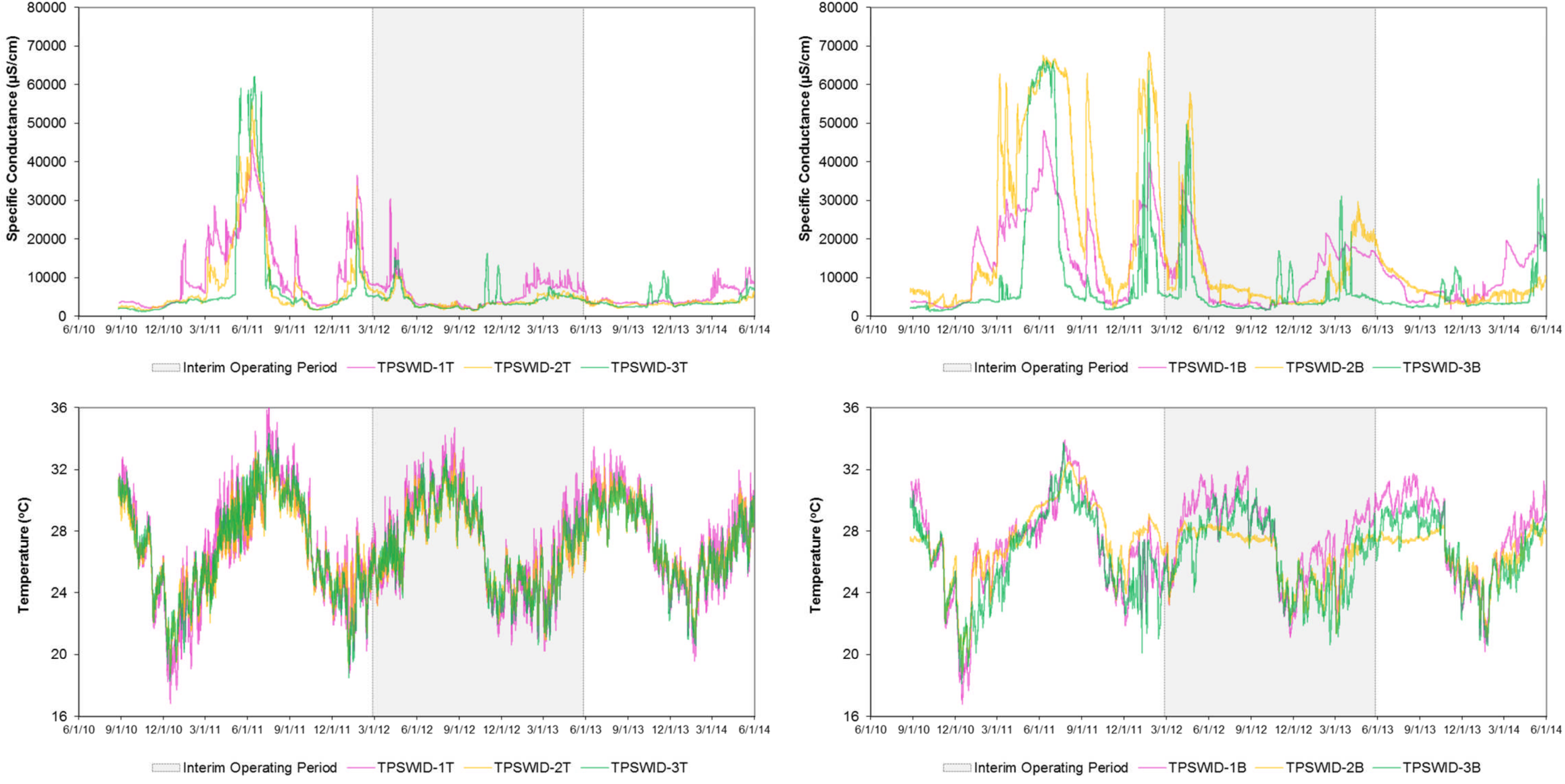


Figure 2.2-31. Comparison of Specific Conductance and Temperature in Interceptor Ditch Stations for Top and Bottom Locations.

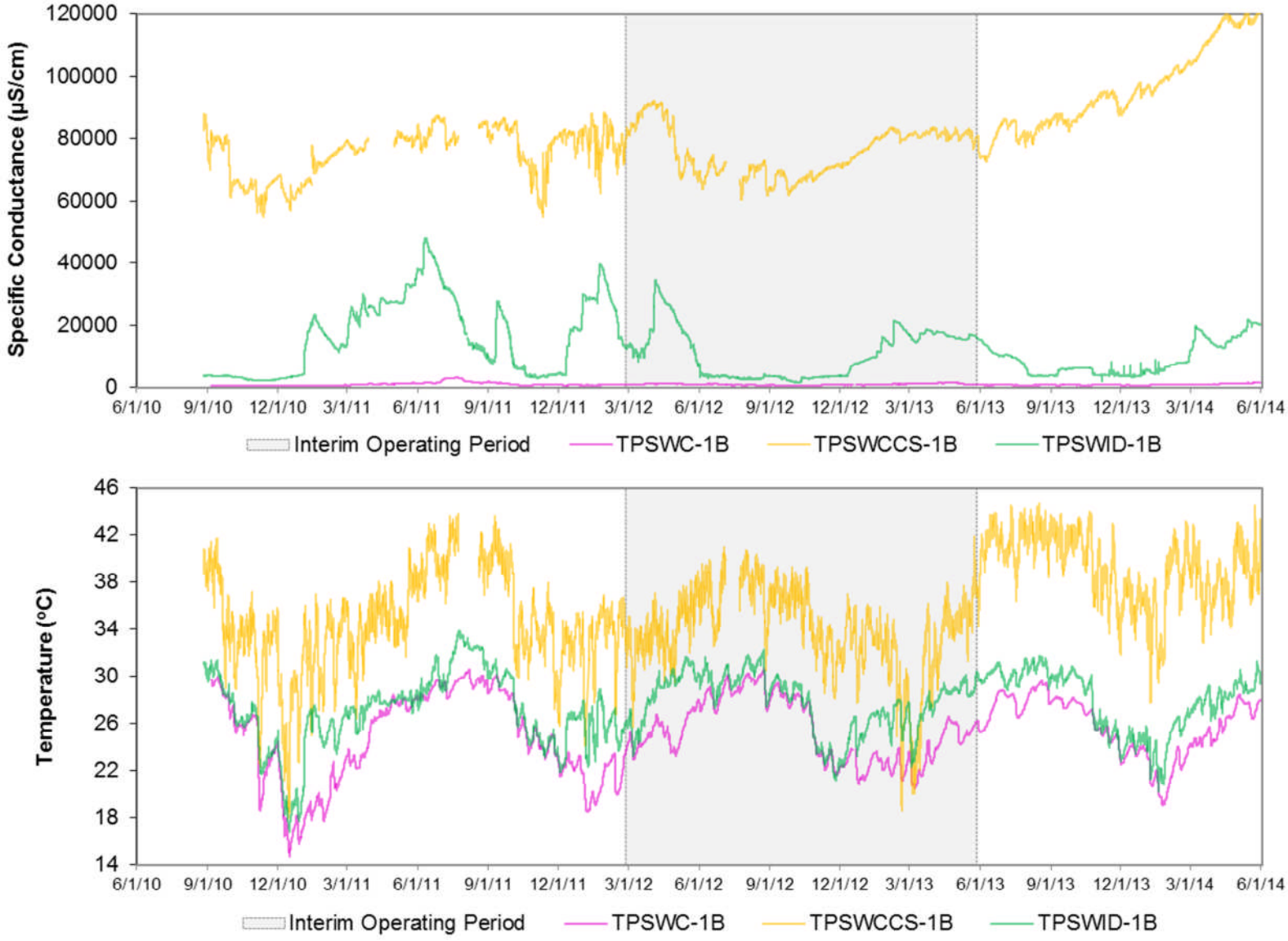


Figure 2.2-32. Comparison of Specific Conductance and Temperature at the Bottom of Interceptor Ditch Operation Transect A Stations.

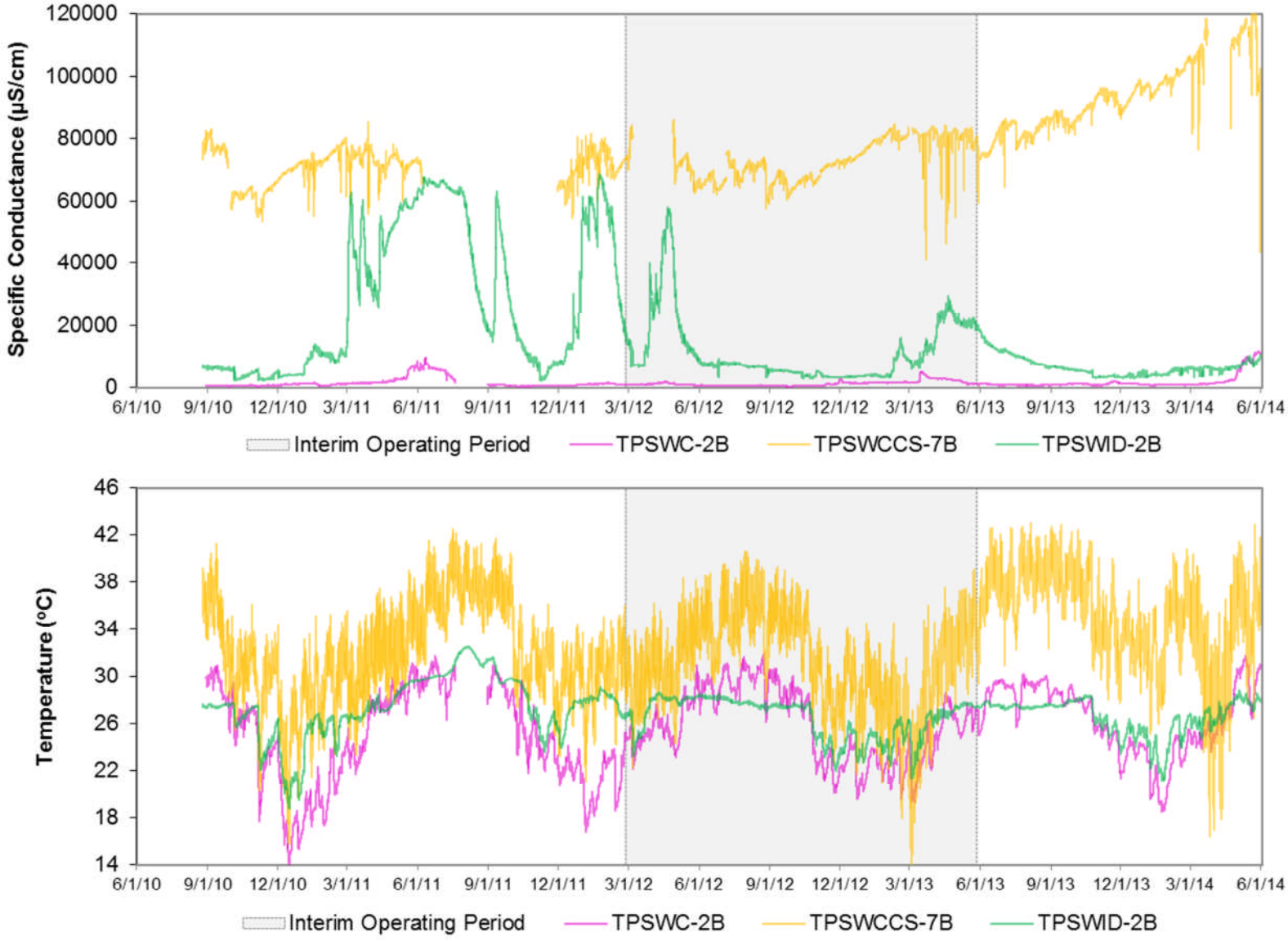


Figure 2.2-33. Comparison of Specific Conductance and Temperature at the Bottom of Interceptor Ditch Operation Transect C Stations.

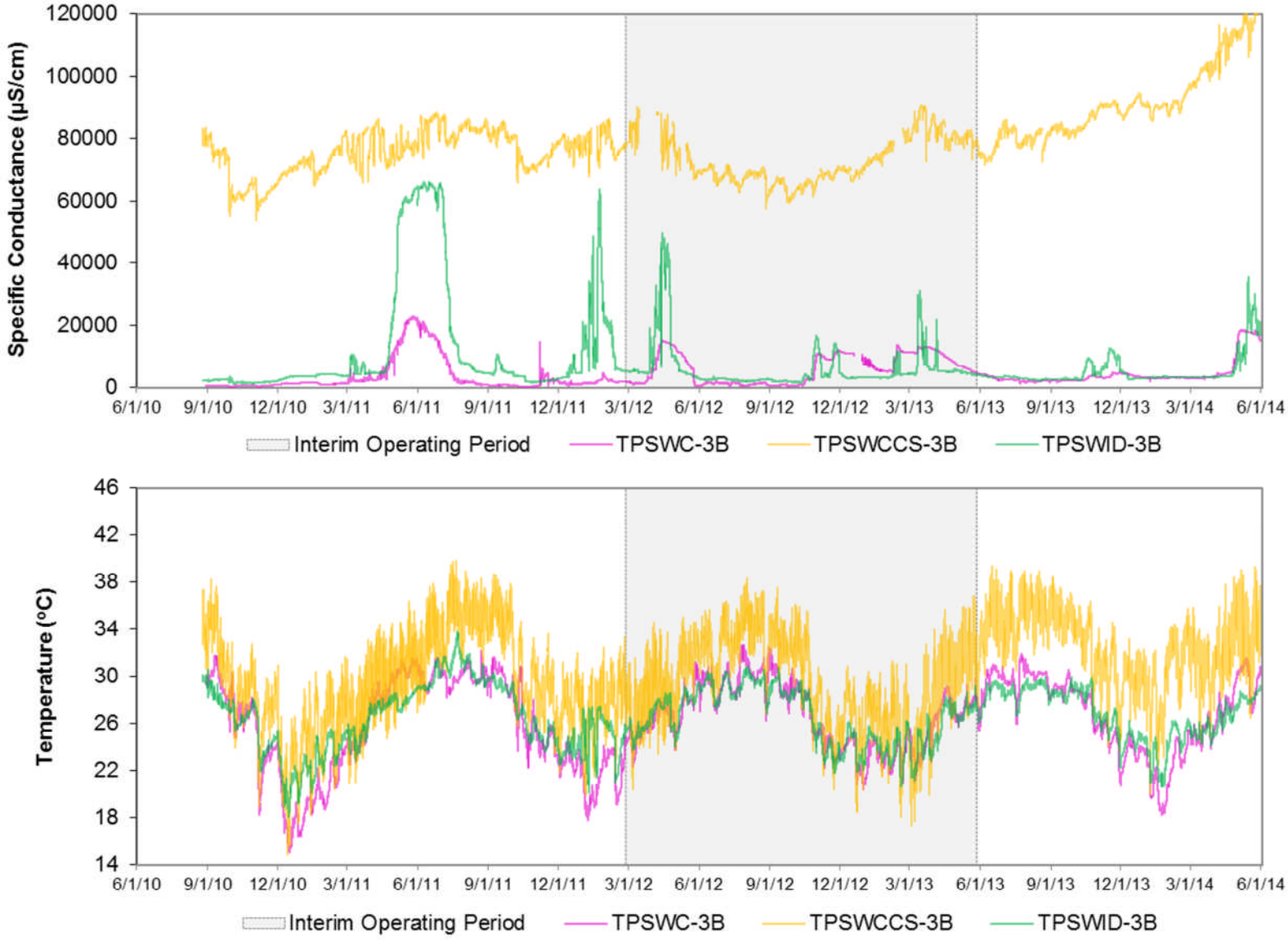


Figure 2.2-34. Comparison of Specific Conductance and Temperature at the Bottom of Interceptor Ditch Operation Transect E Stations.

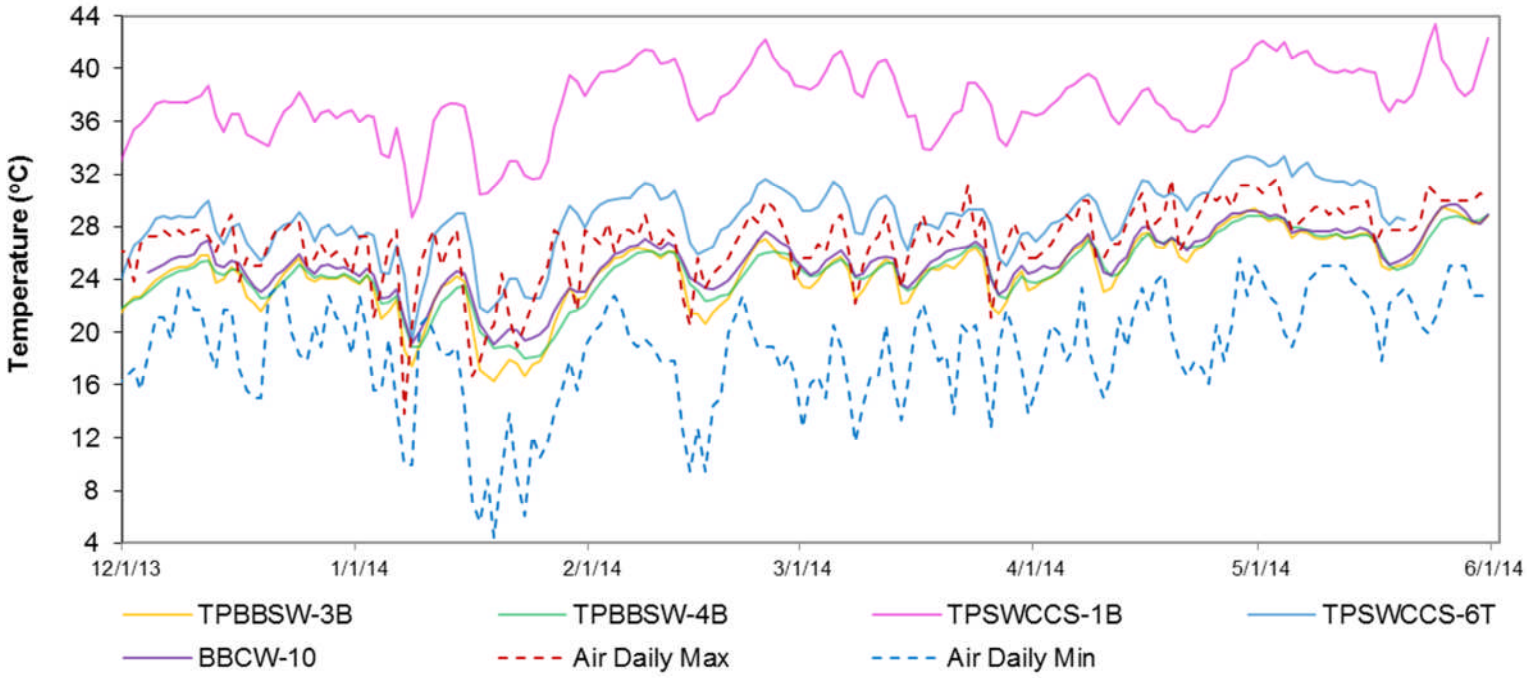


Figure 2.2-35. Biscayne Bay Surface Water Temperatures (24-Hour Averages) and Ambient Air Temperature (Maximum and Minimum Values).

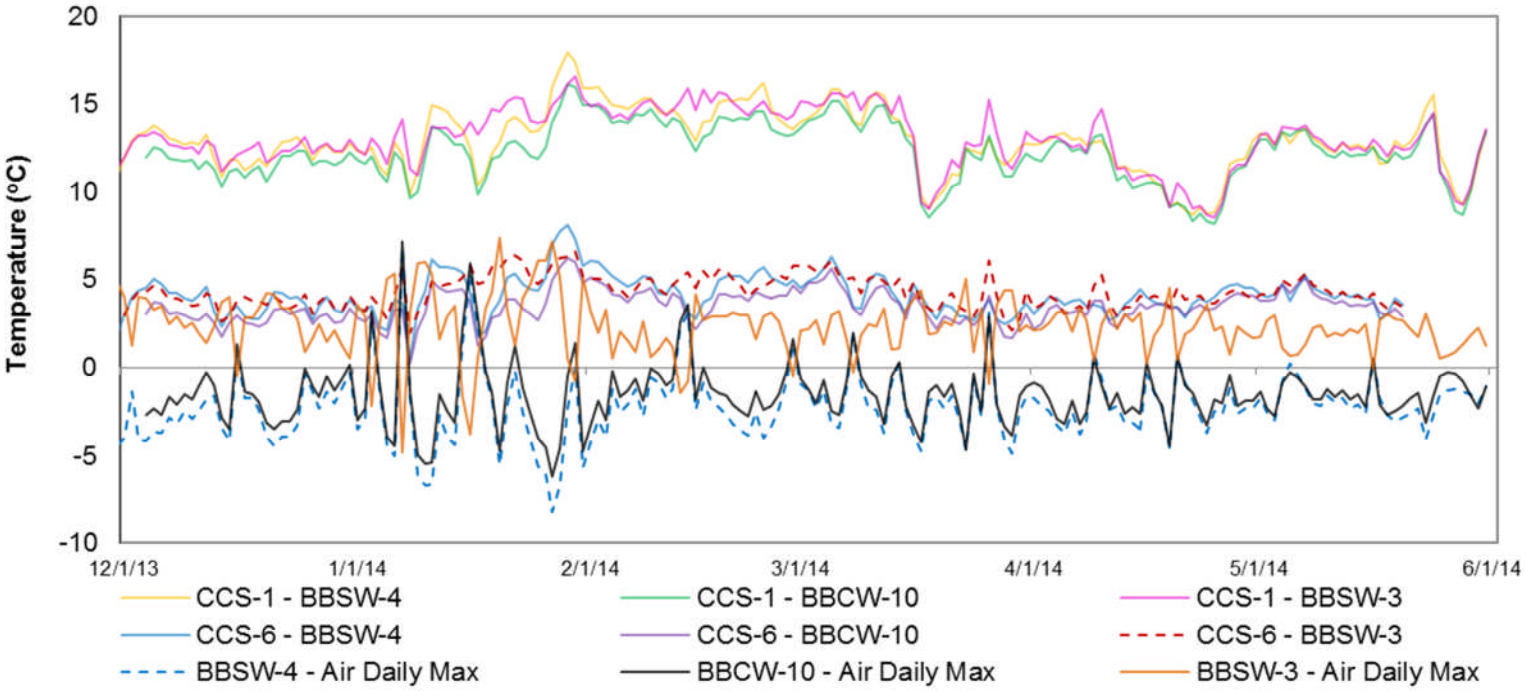


Figure 2.2-36. Differences among Ambient Air, CCS, and Biscayne Bay Water Temperatures.