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## **Appendix A**

Graphs depicting water levels at Miami Wetlands from March 2008 through  
February 2017

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Figure A1. Water levels relative to ground surface for six groundwater and two in-channel wells at Miami Wetlands from March 2008 through February 2017. Discontinuous lines indicate data gaps.

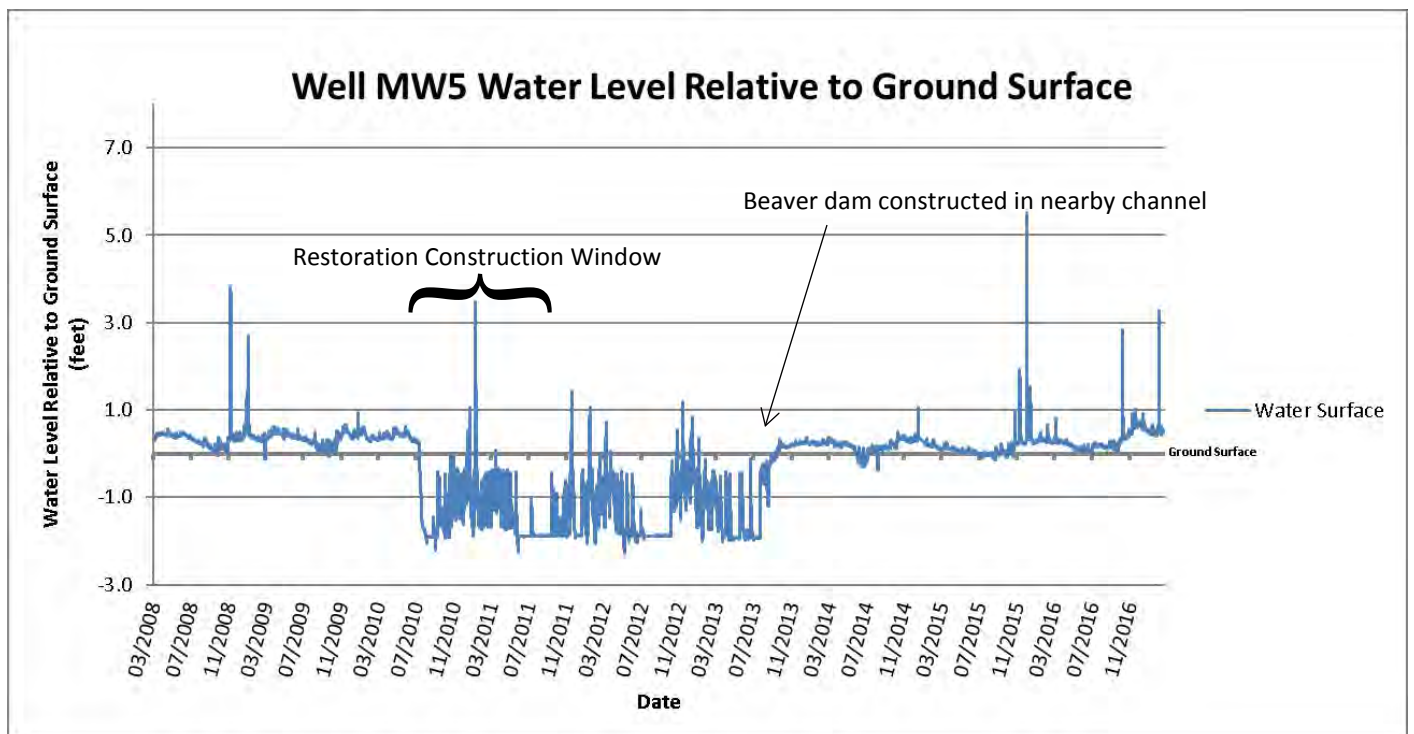
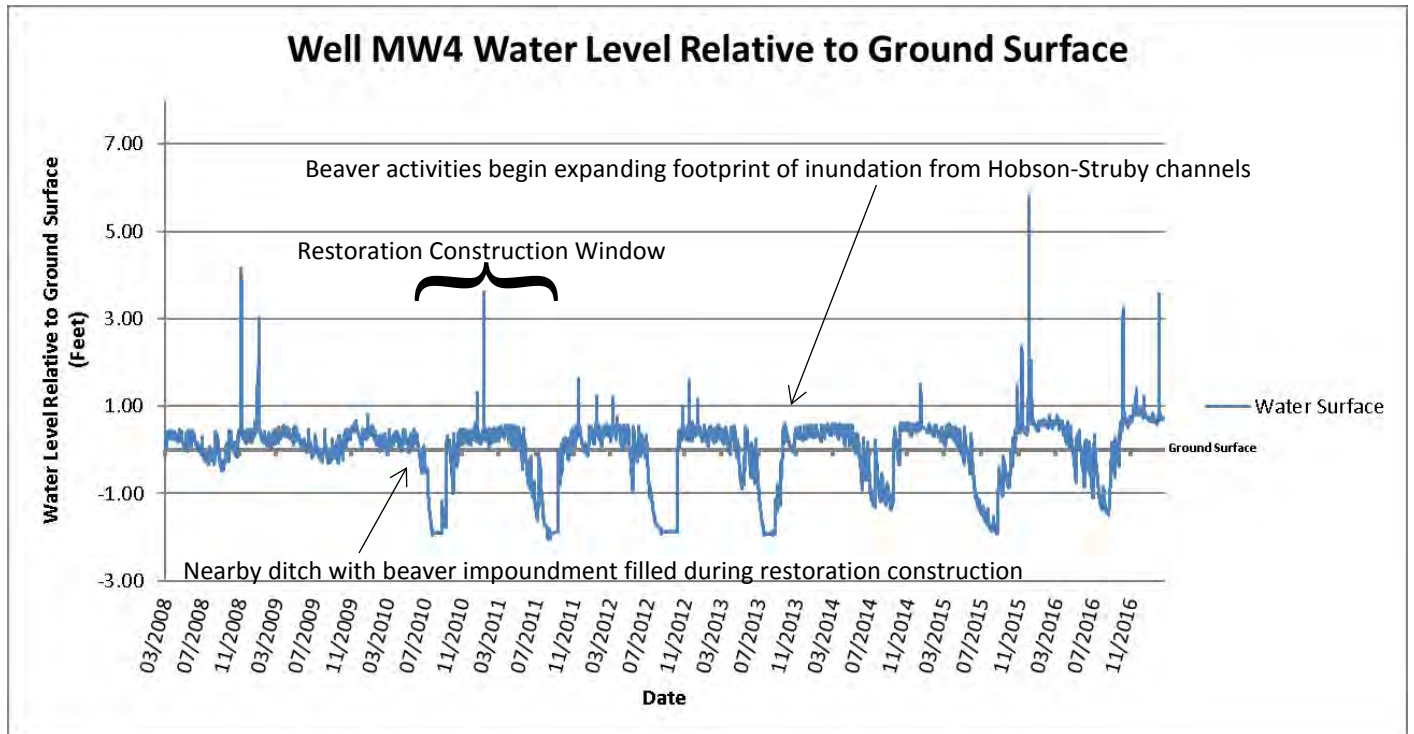


Figure A1. continued

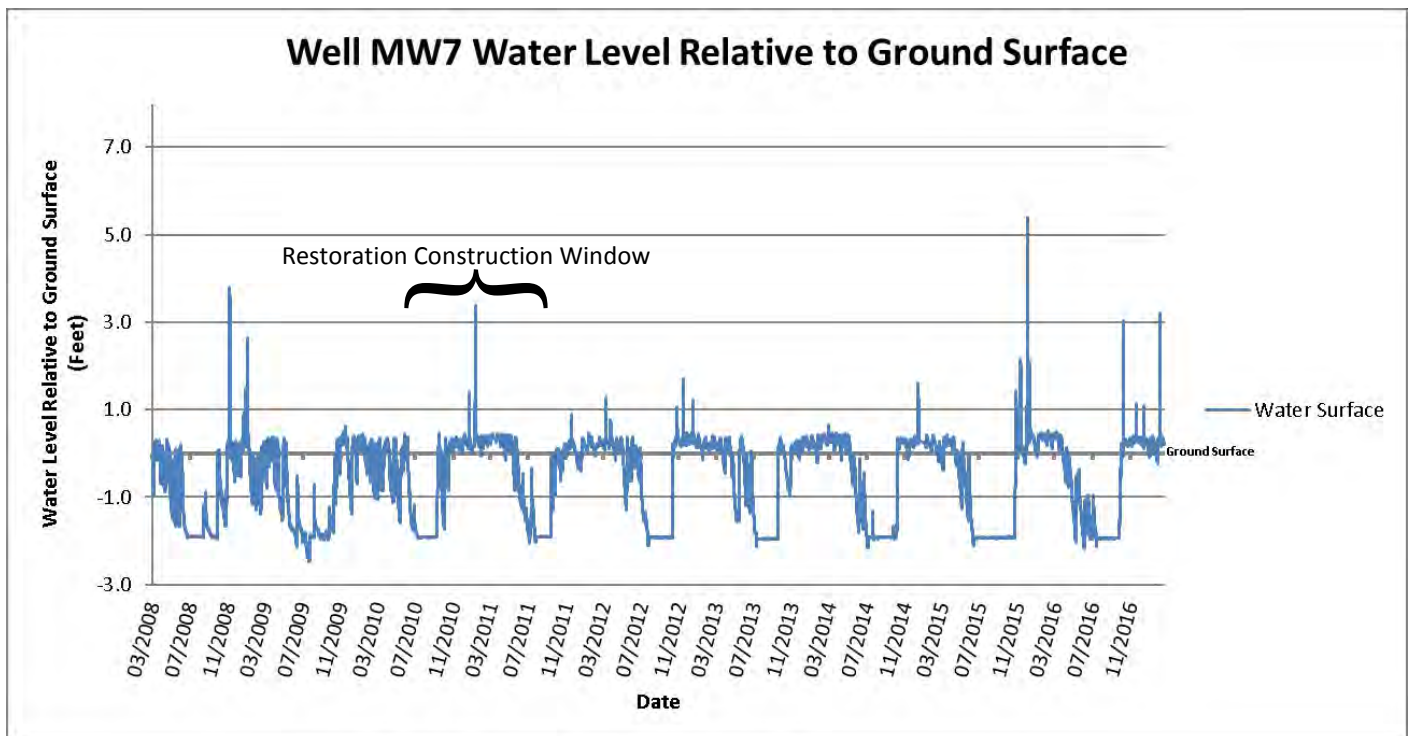
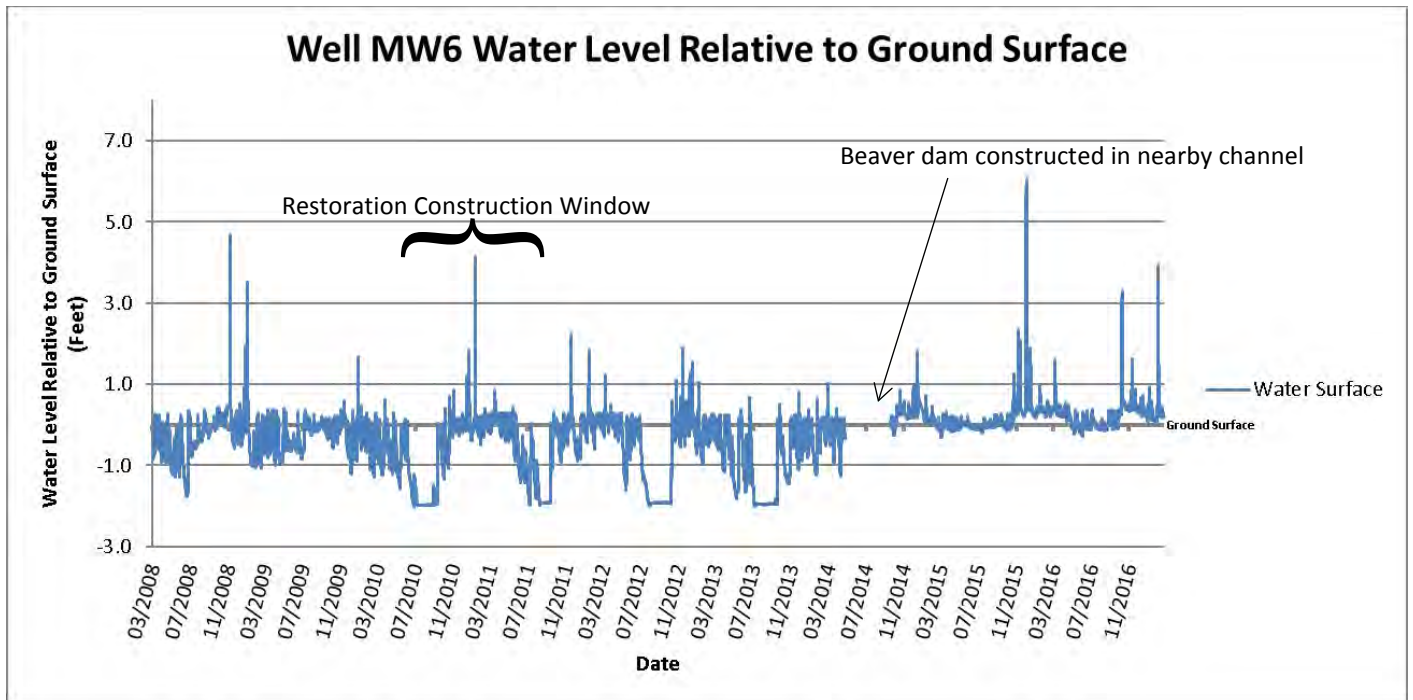


Figure A1. continued

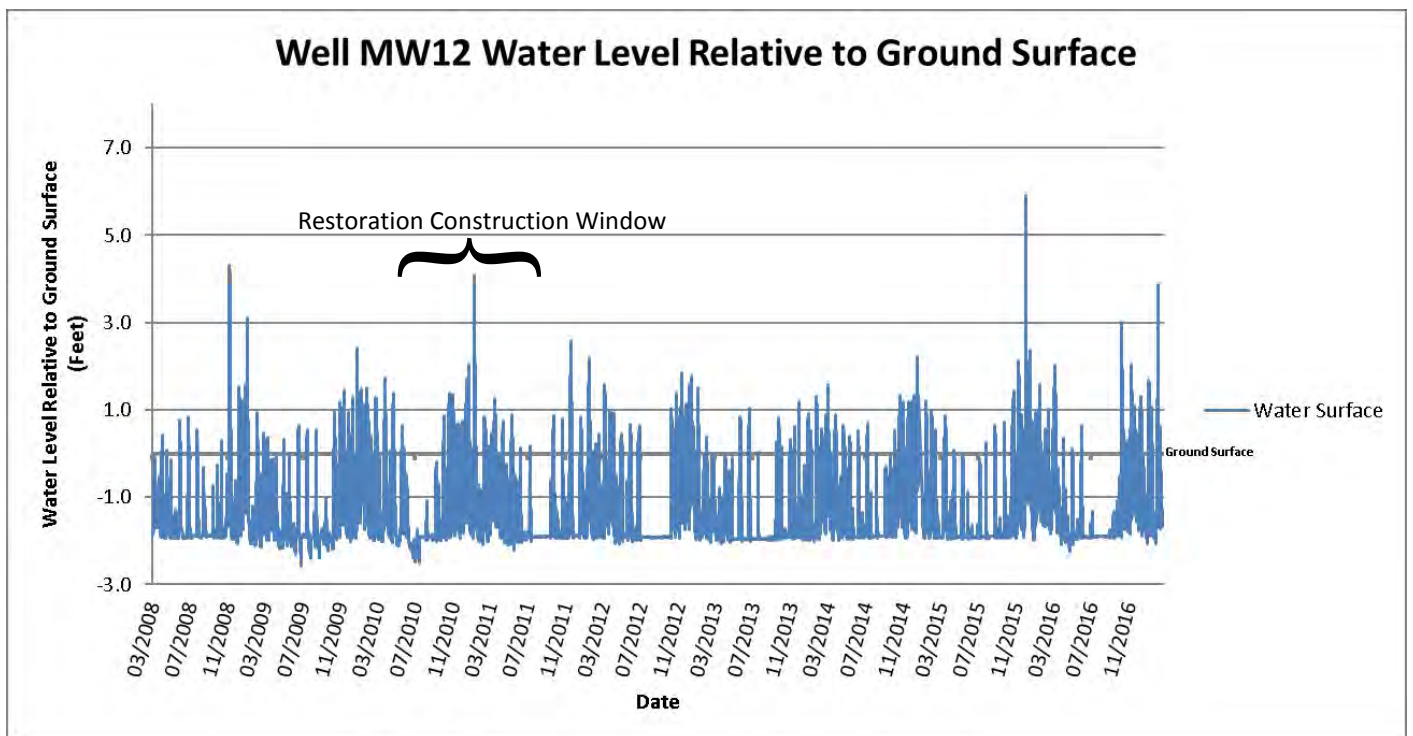
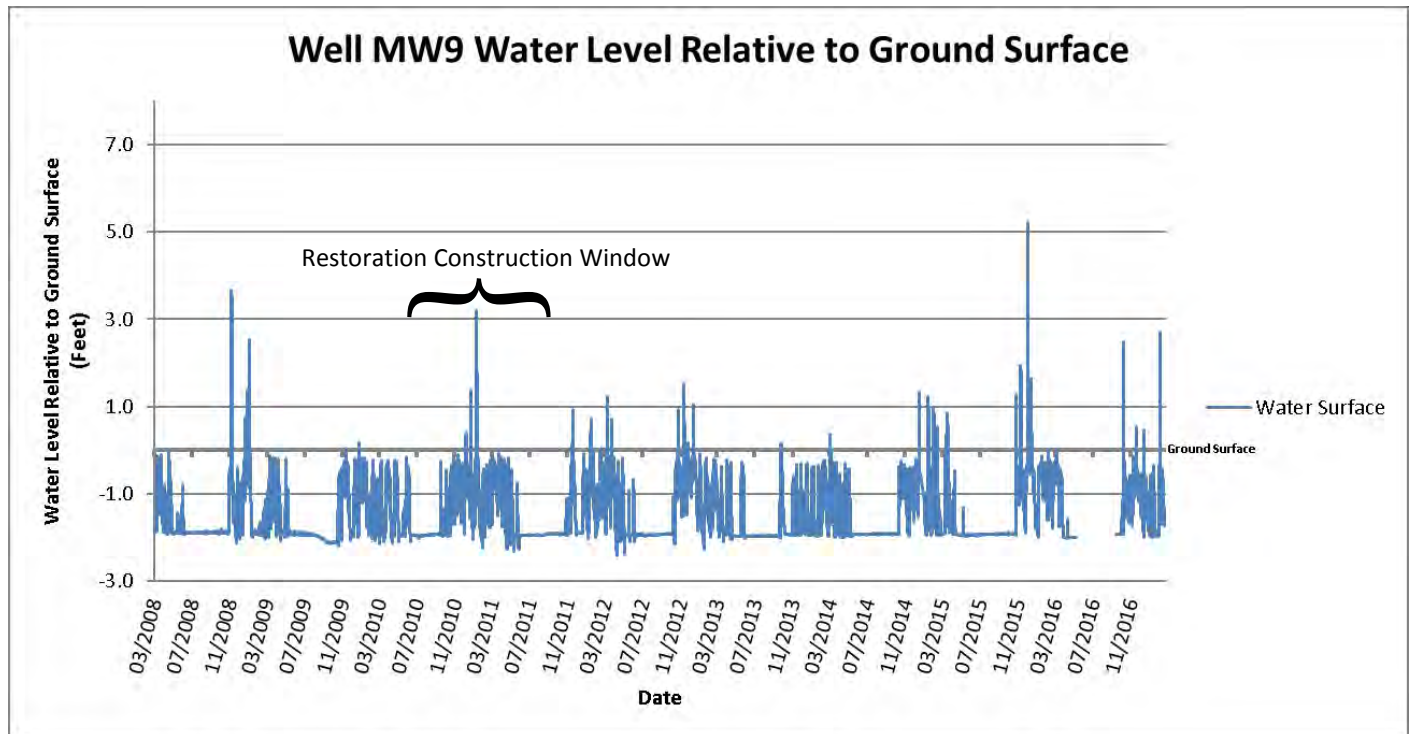




Figure A1. continued

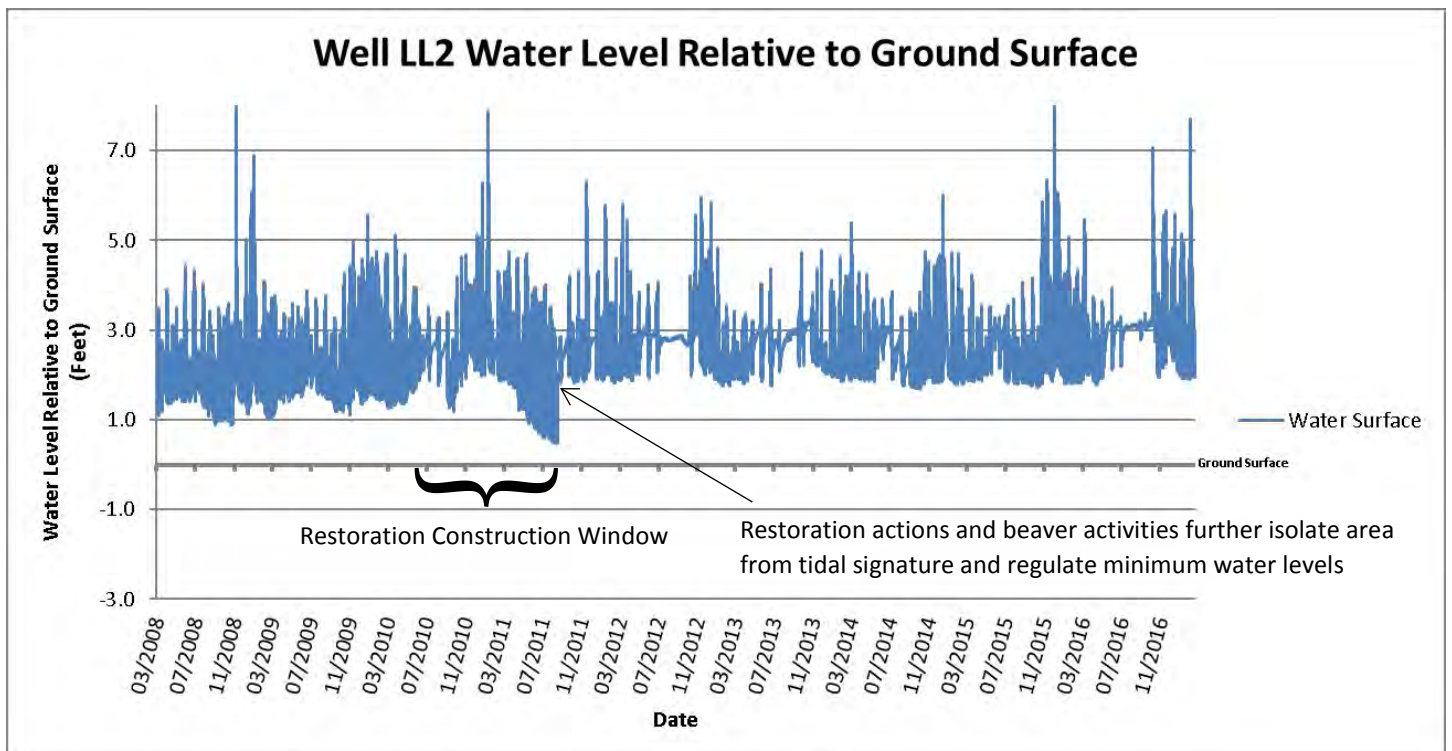
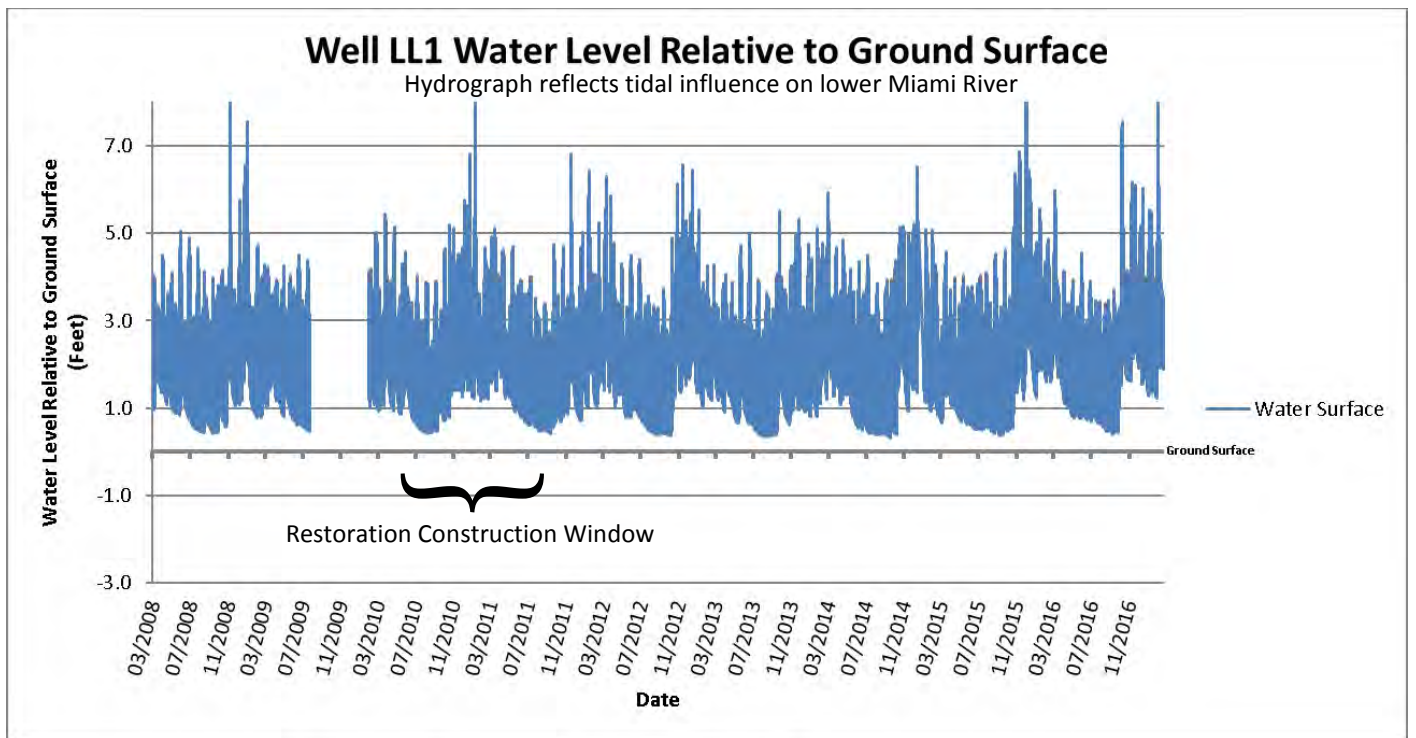


Figure A2. Water levels relative to ground surface and daily precipitation and water level relative to mean sea level and tides for six groundwater and two in-channel wells at Miami Wetlands from March 2008 through February 2017.

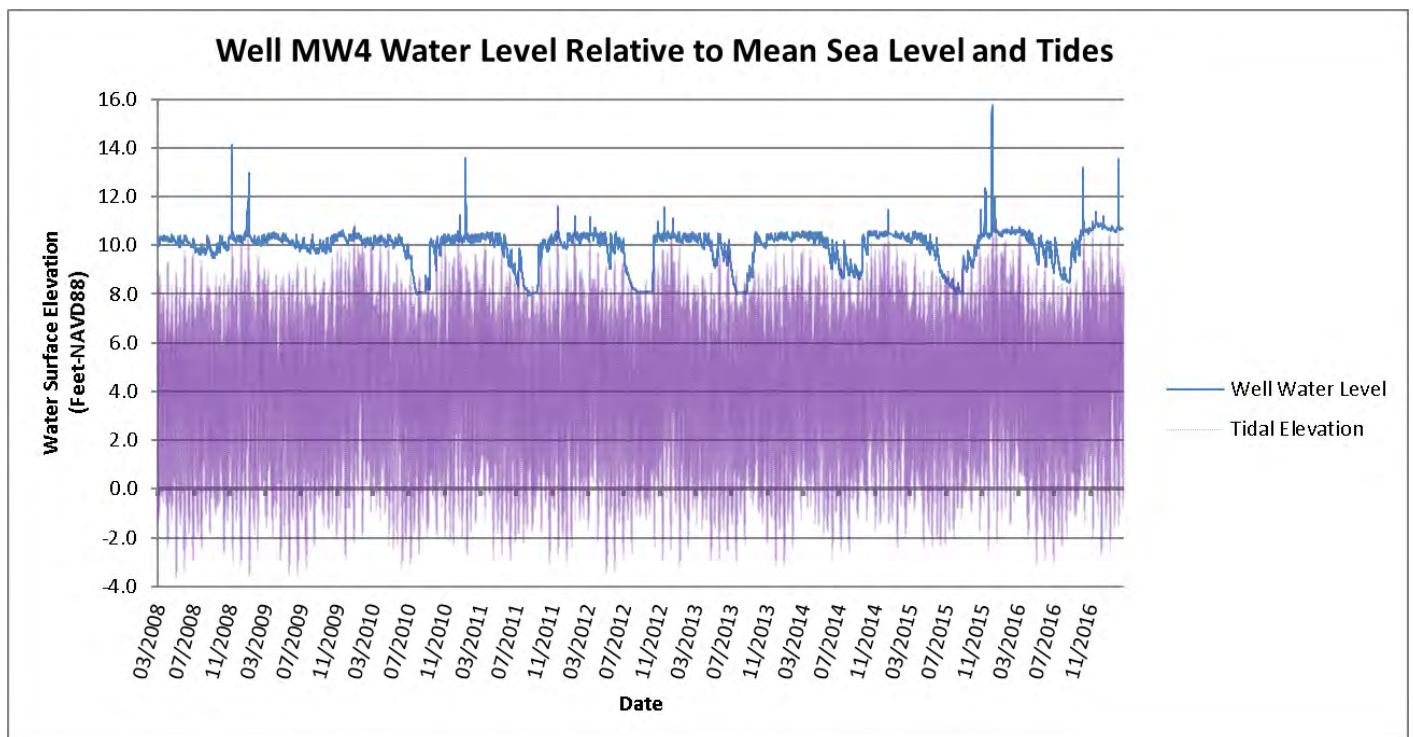
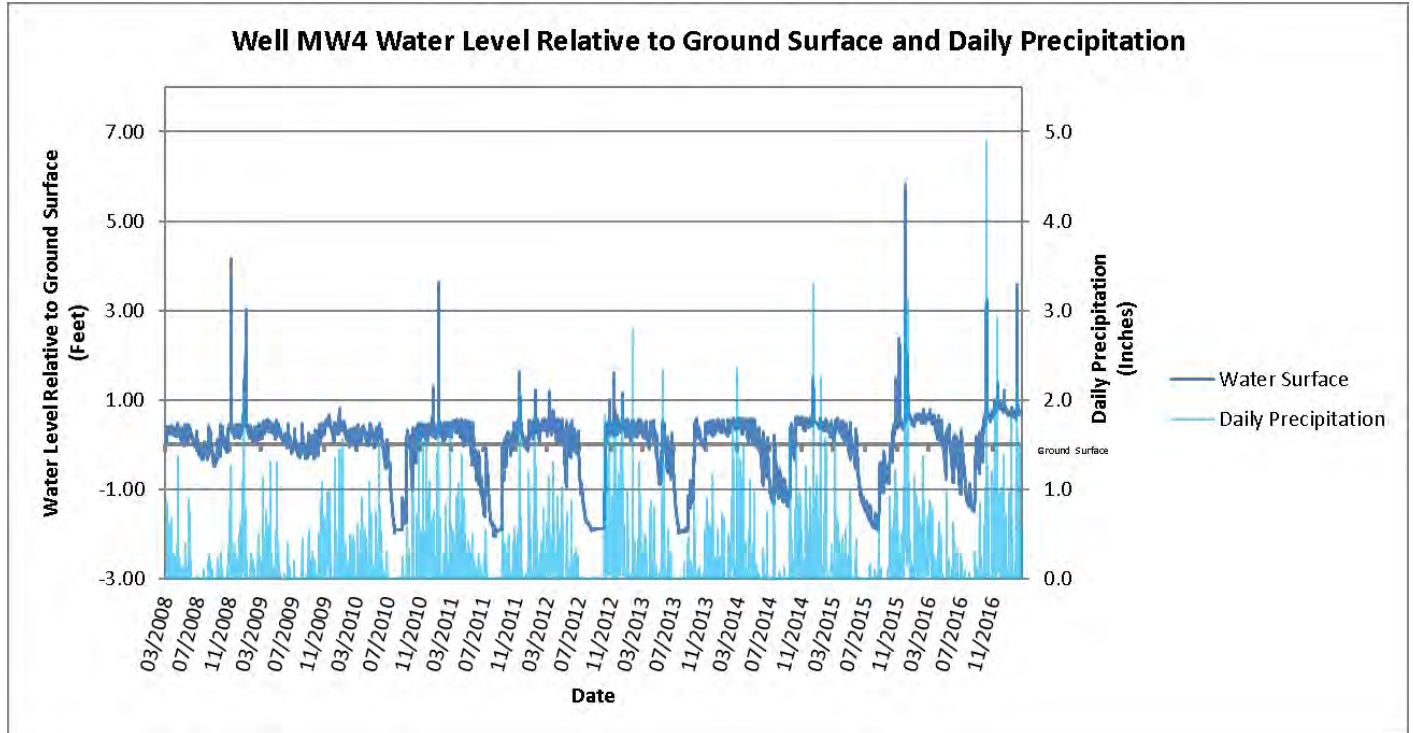


Figure A2. continued

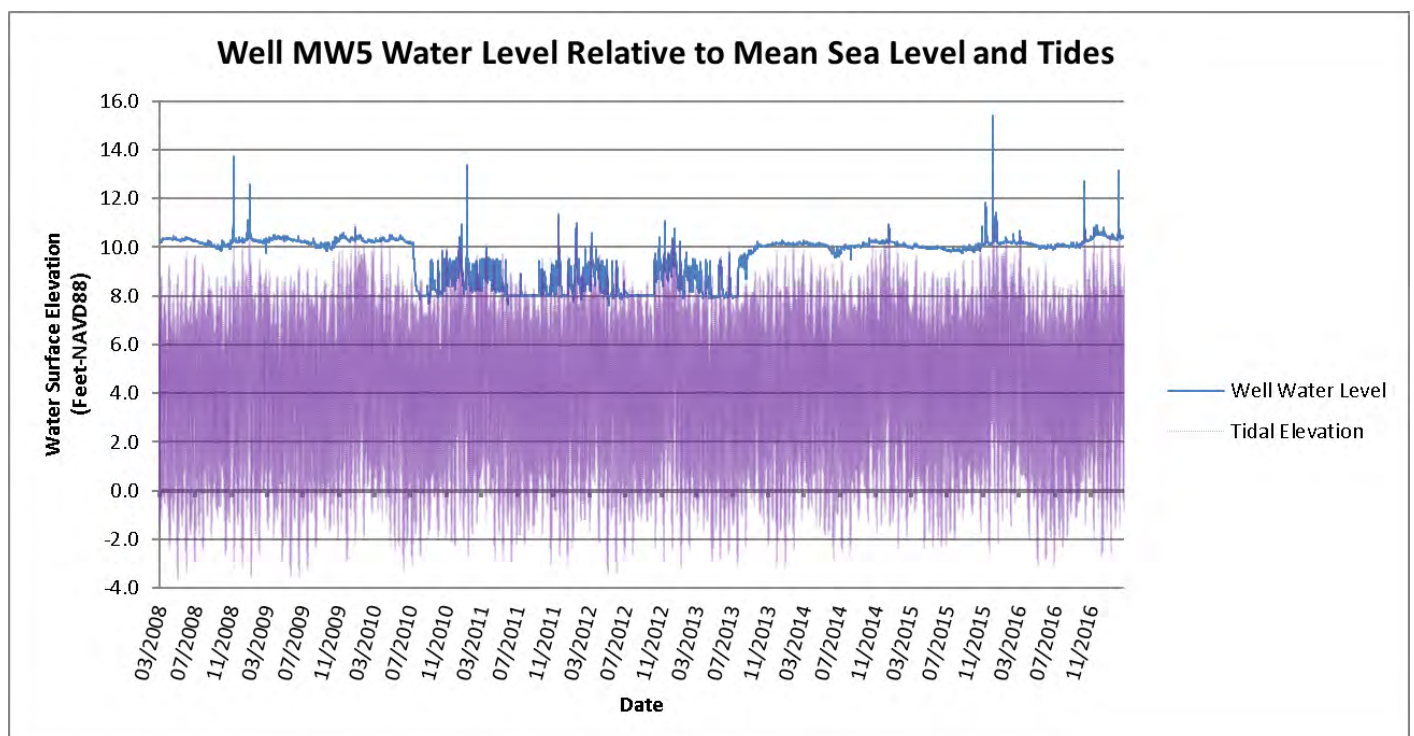
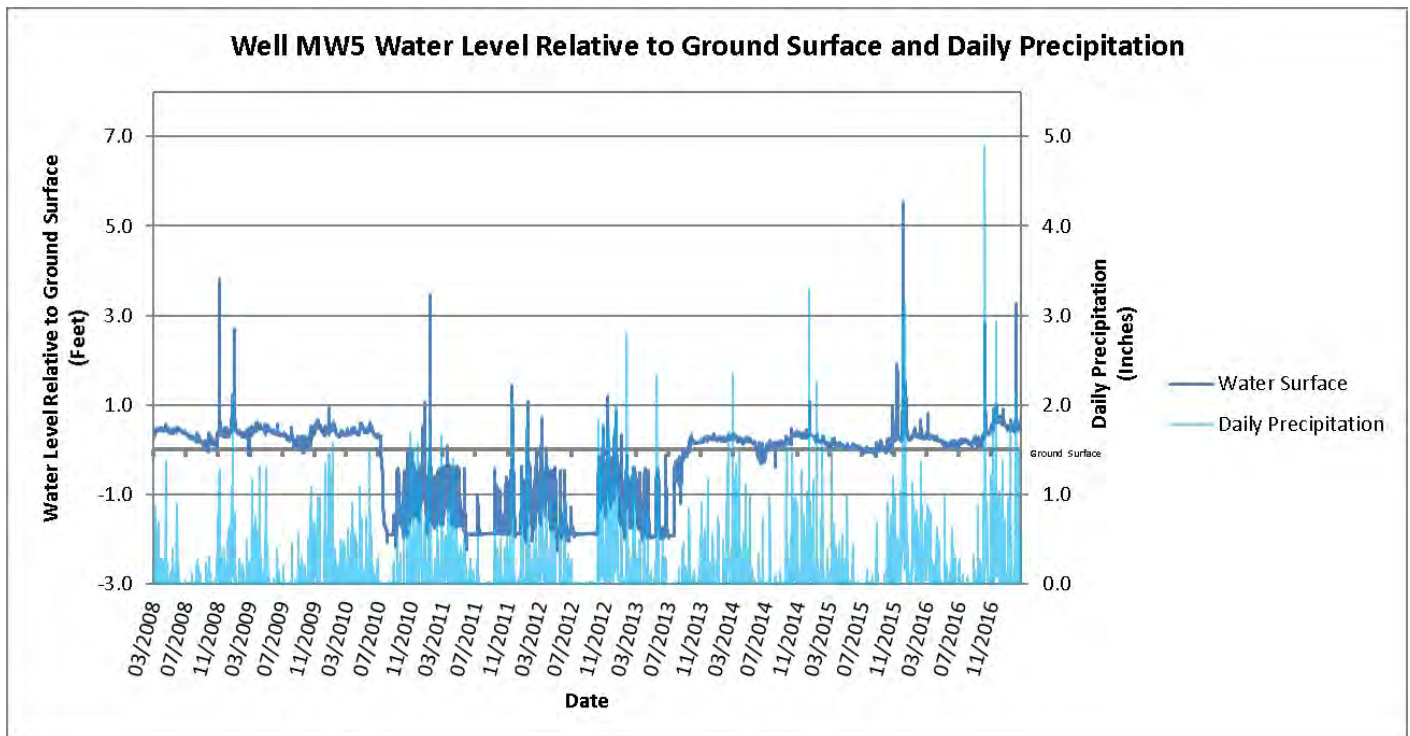




Figure A2. continued

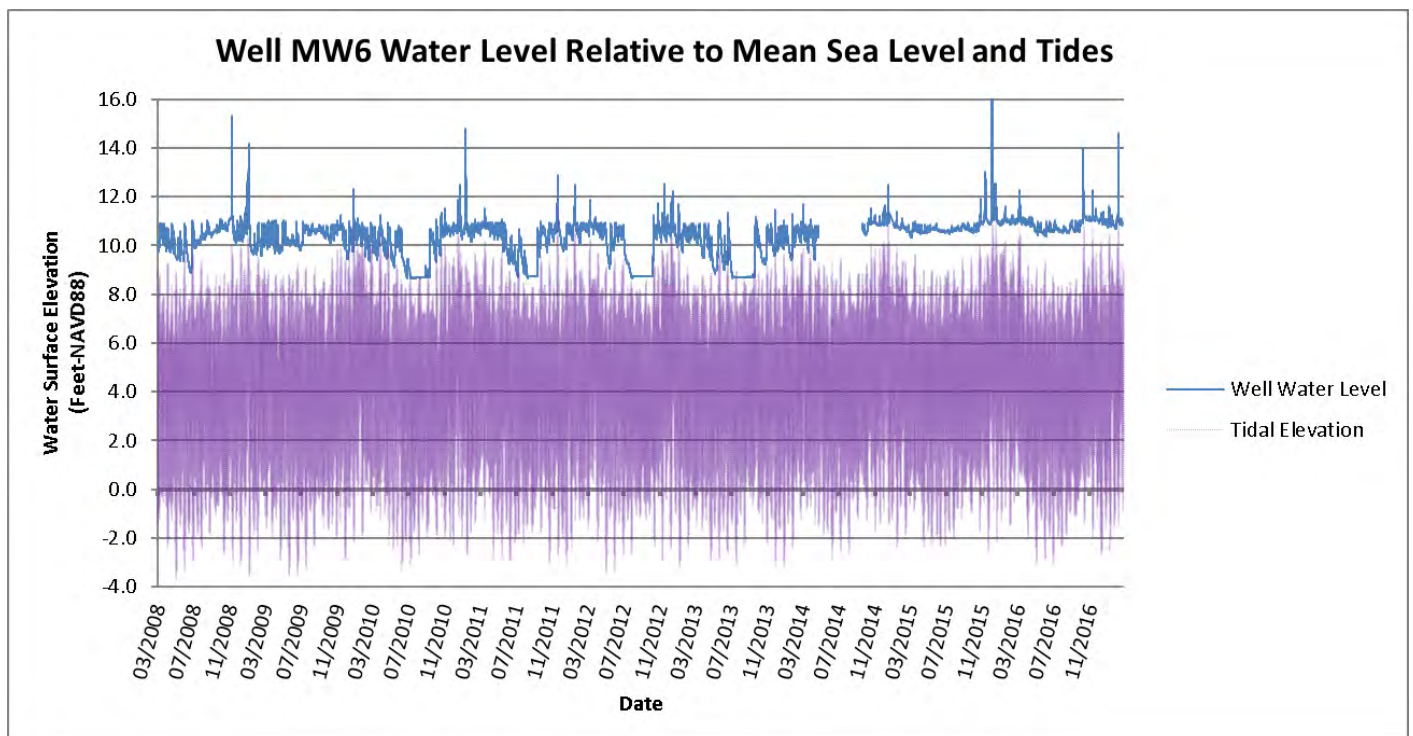
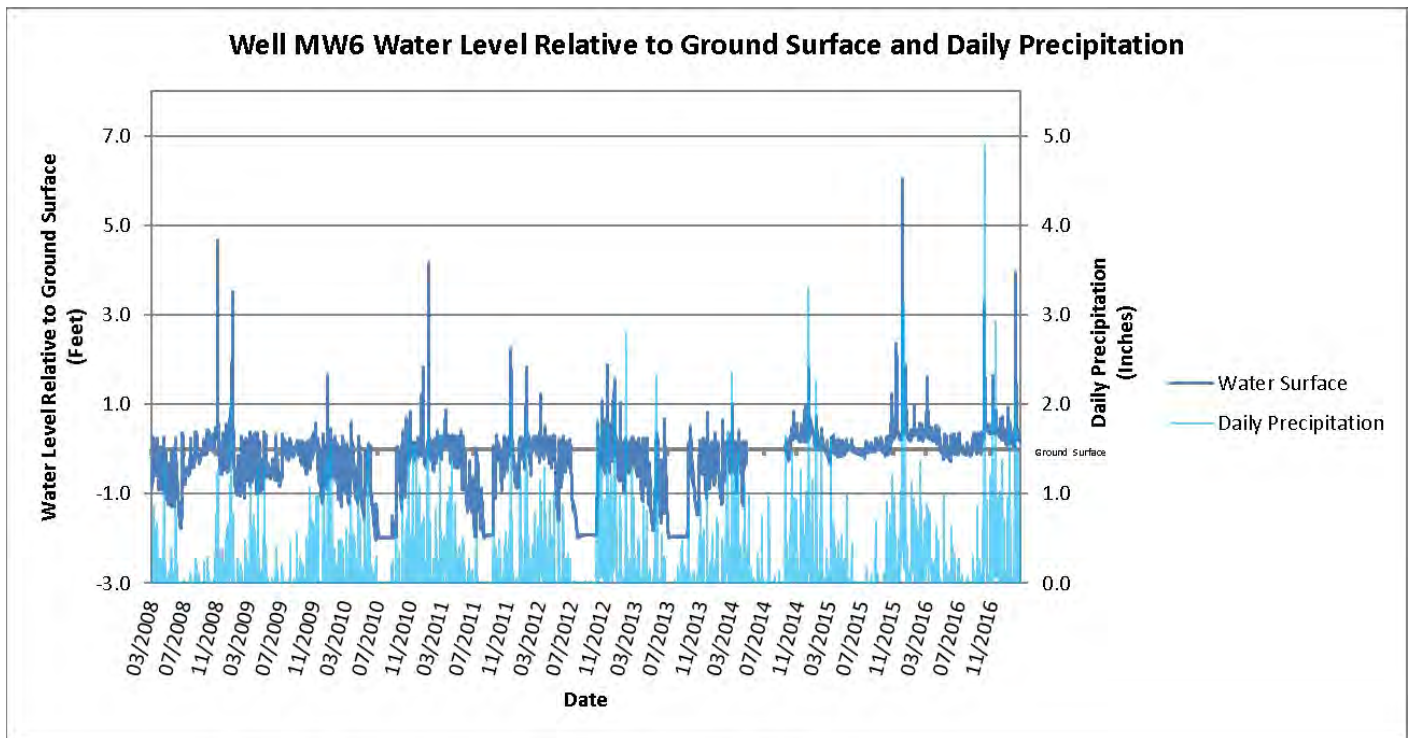


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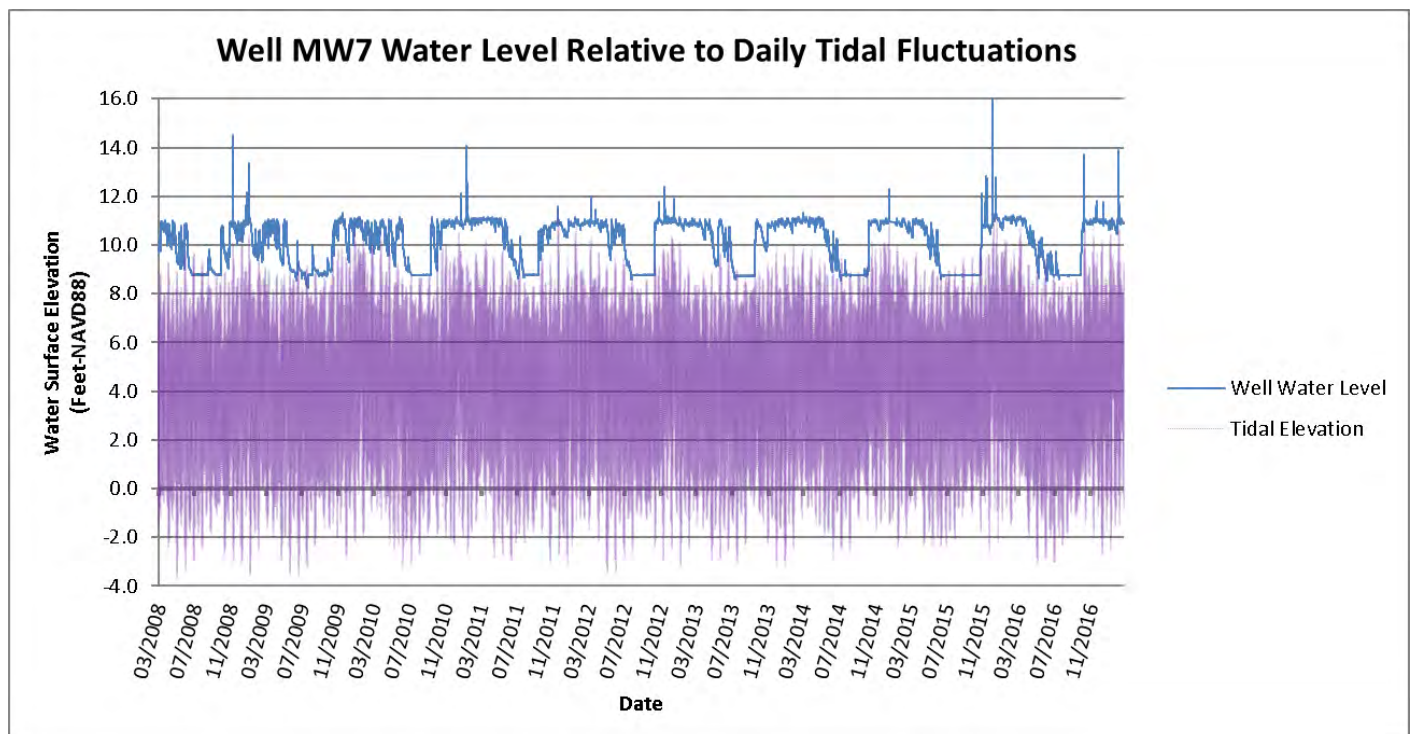
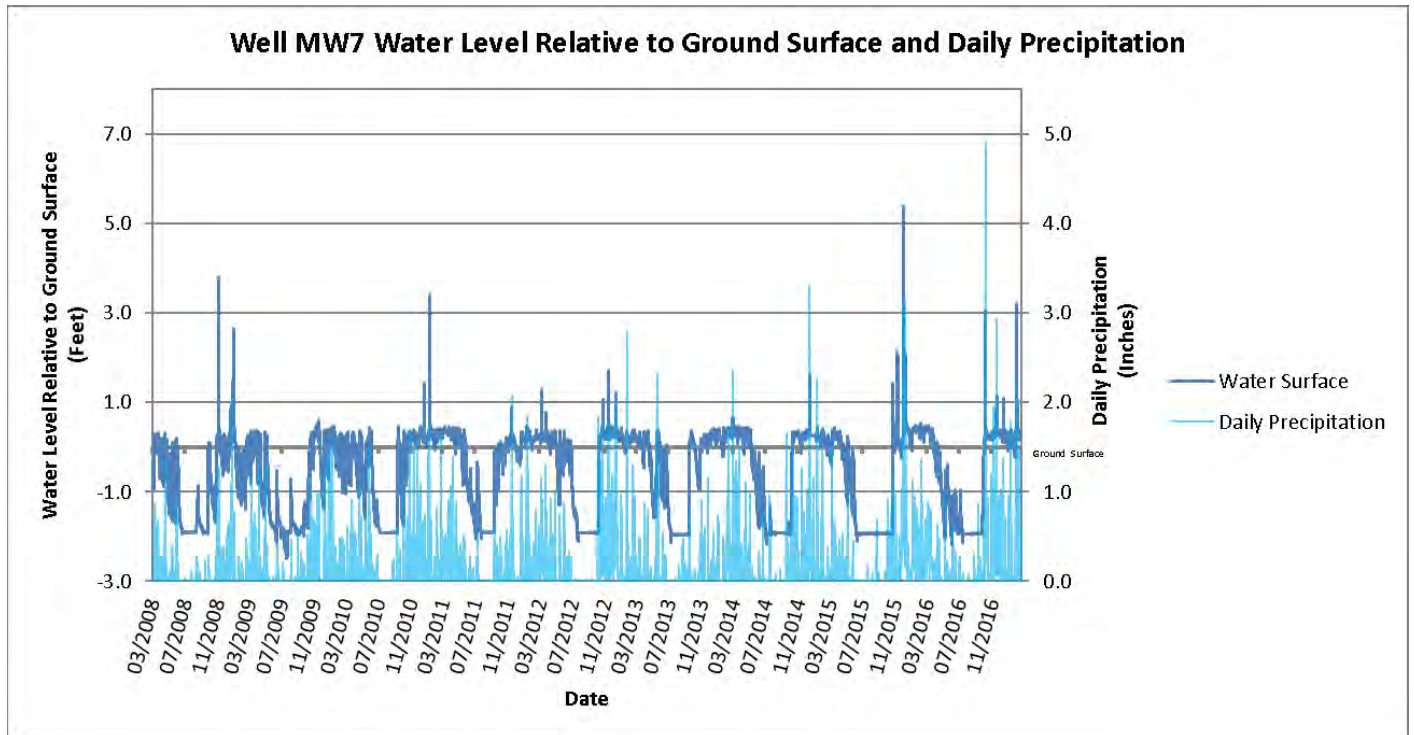




Figure A2. continued

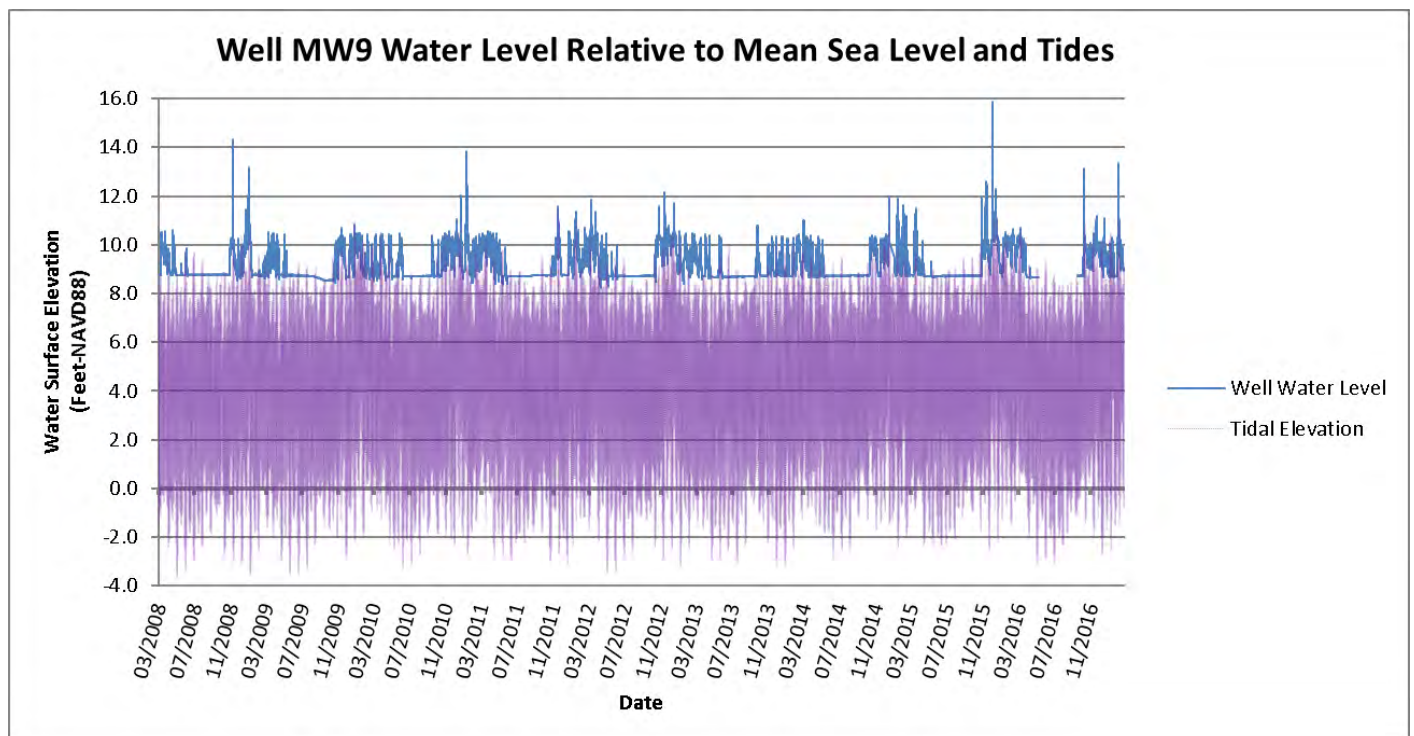
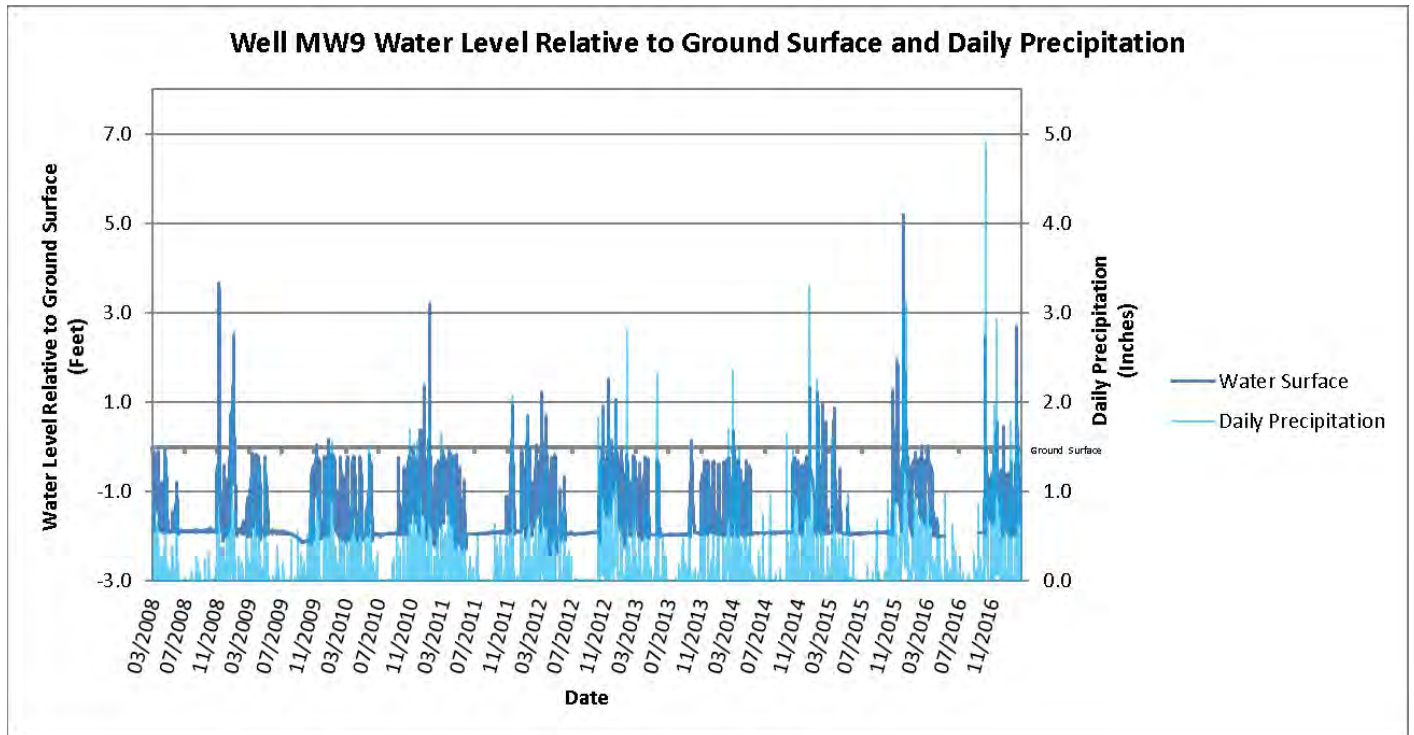


Figure A2. Continued

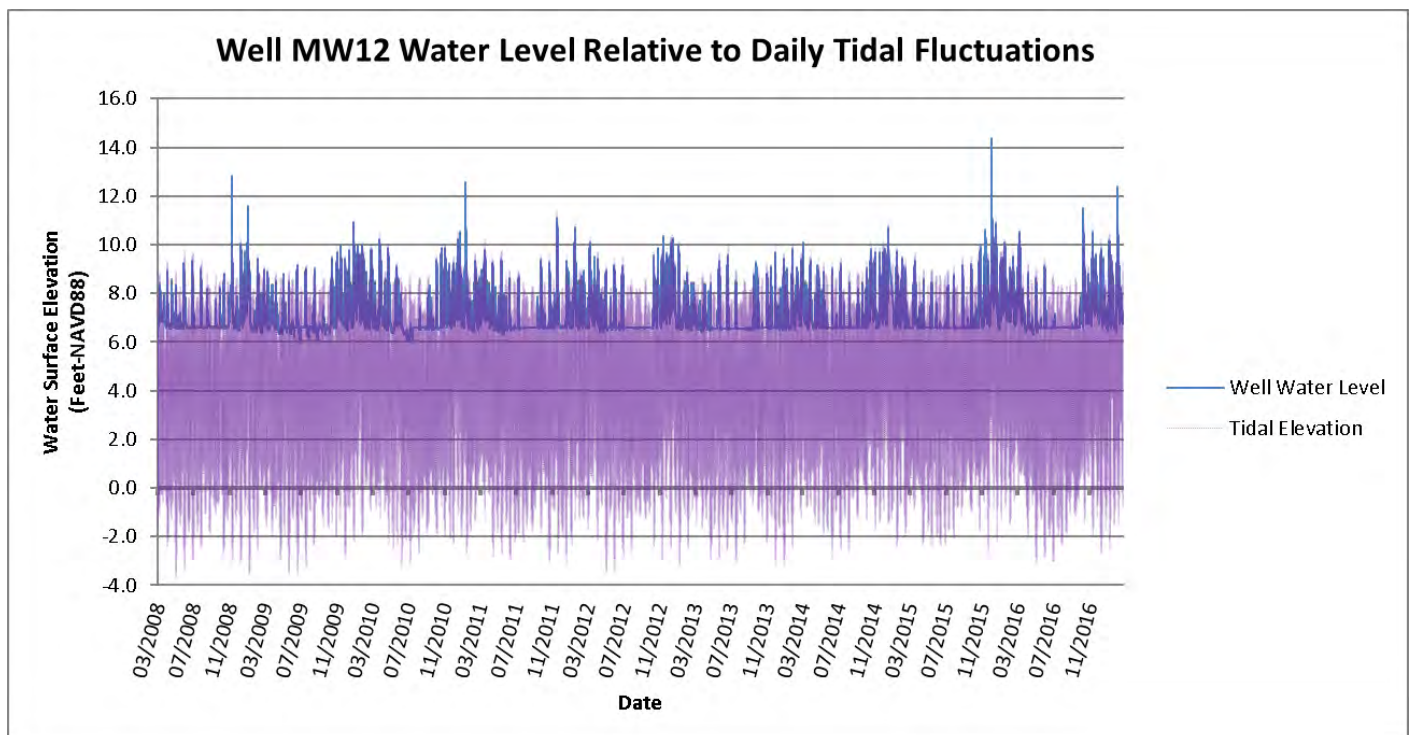
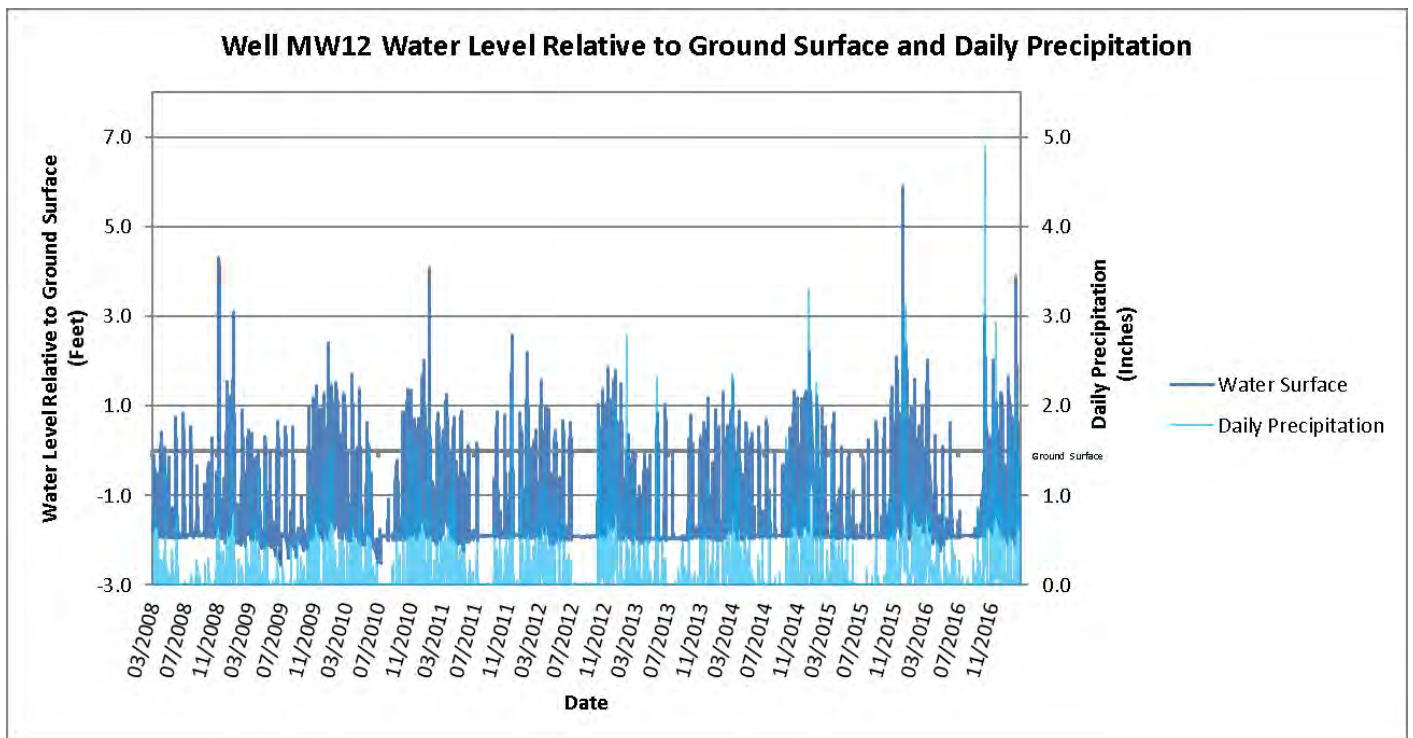


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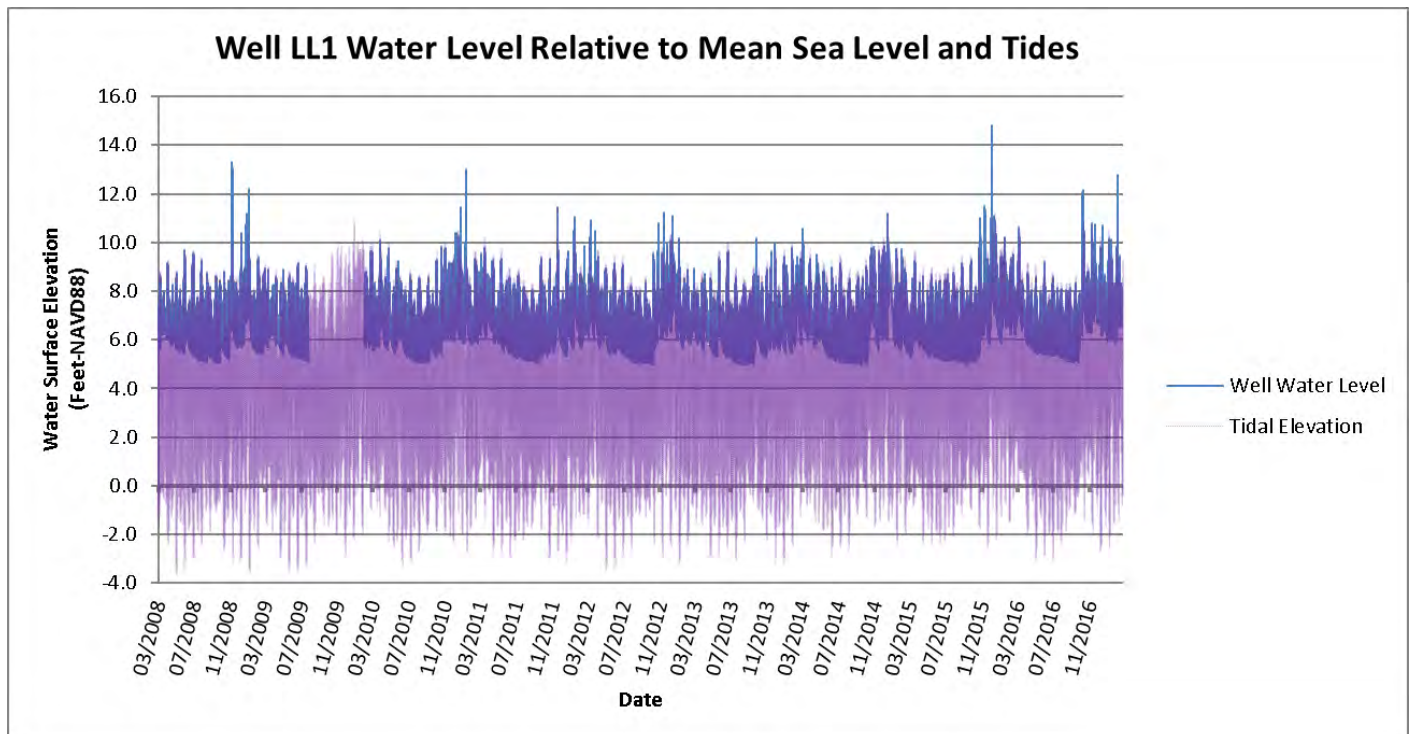
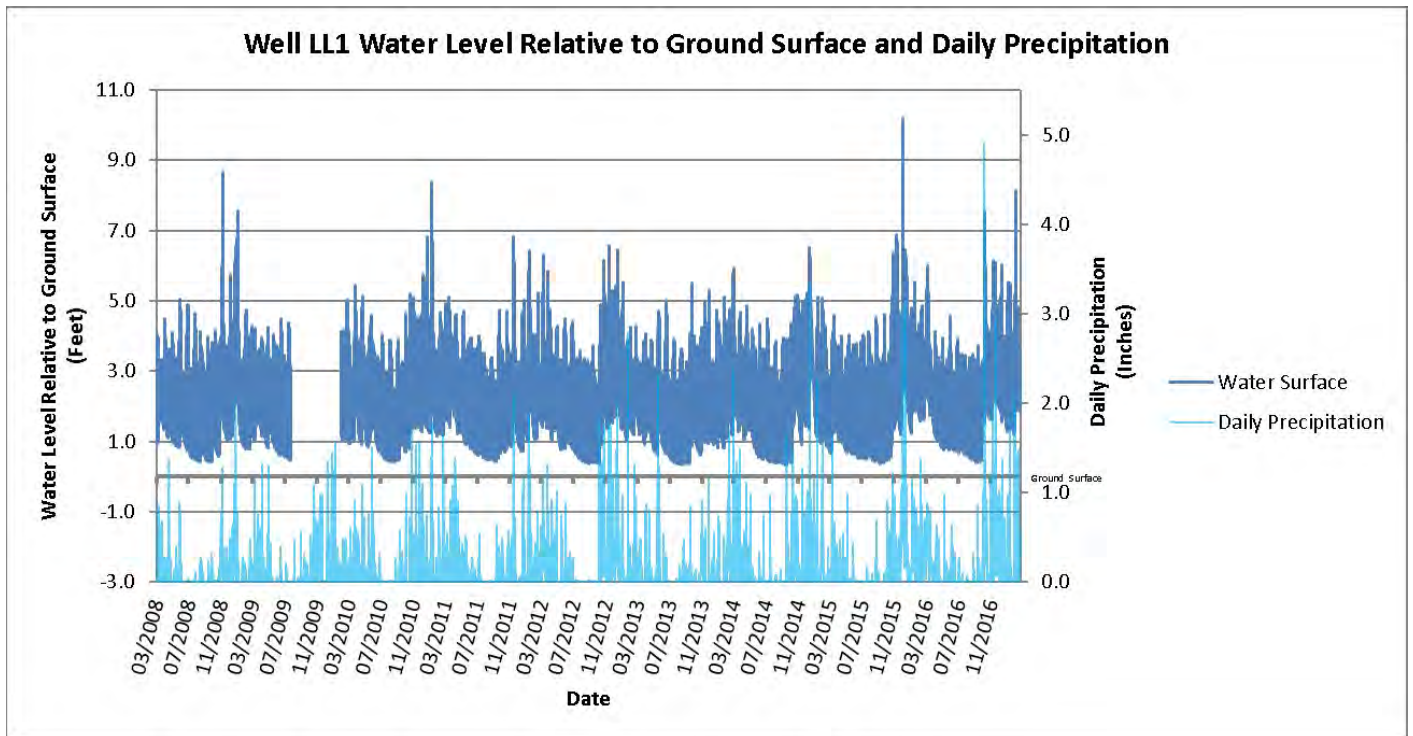
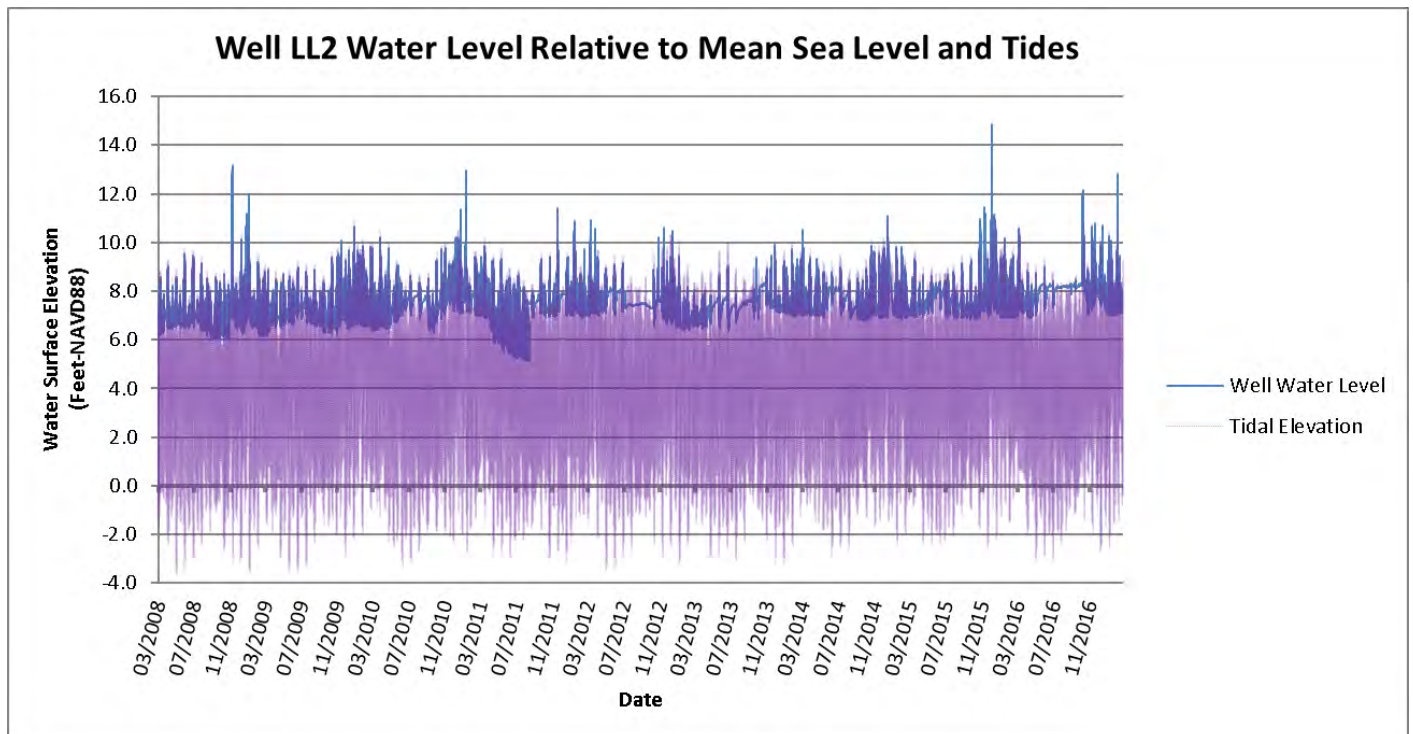
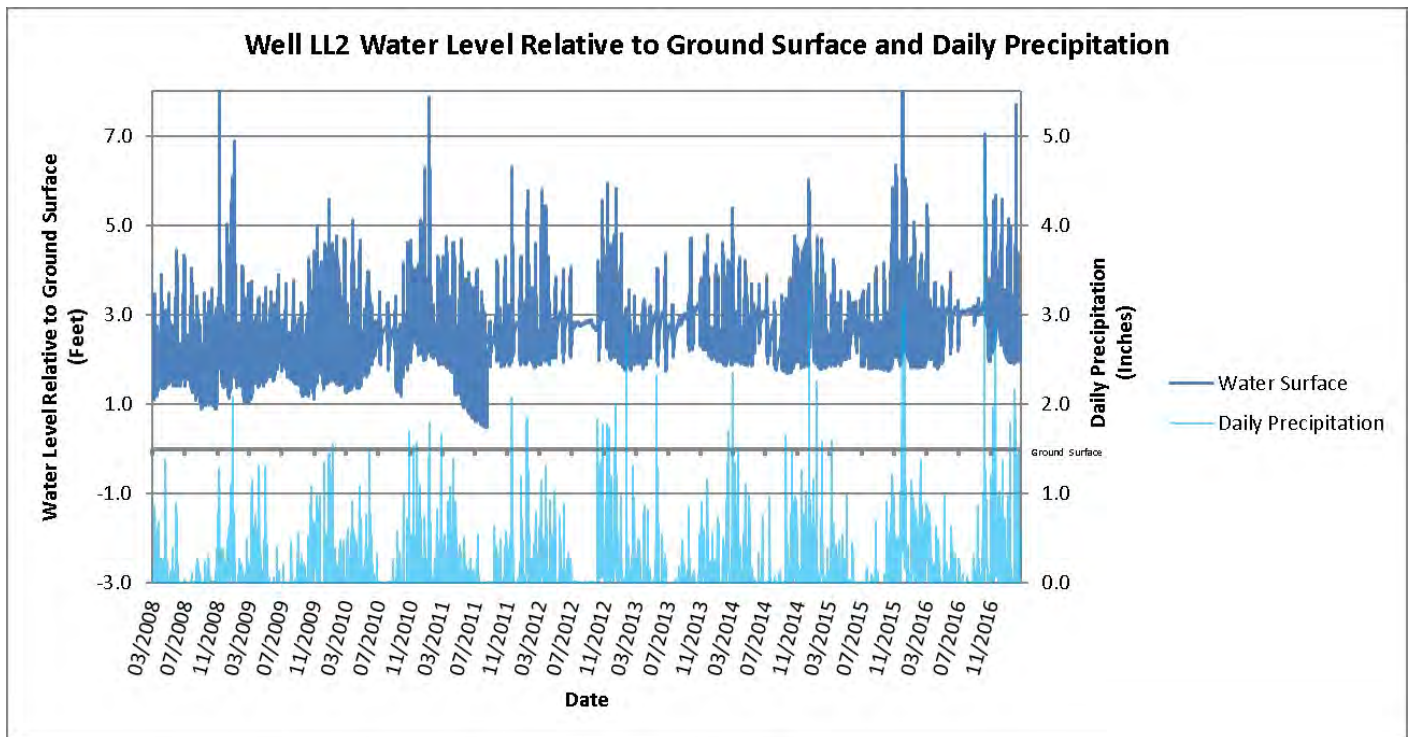




Figure A2. continued



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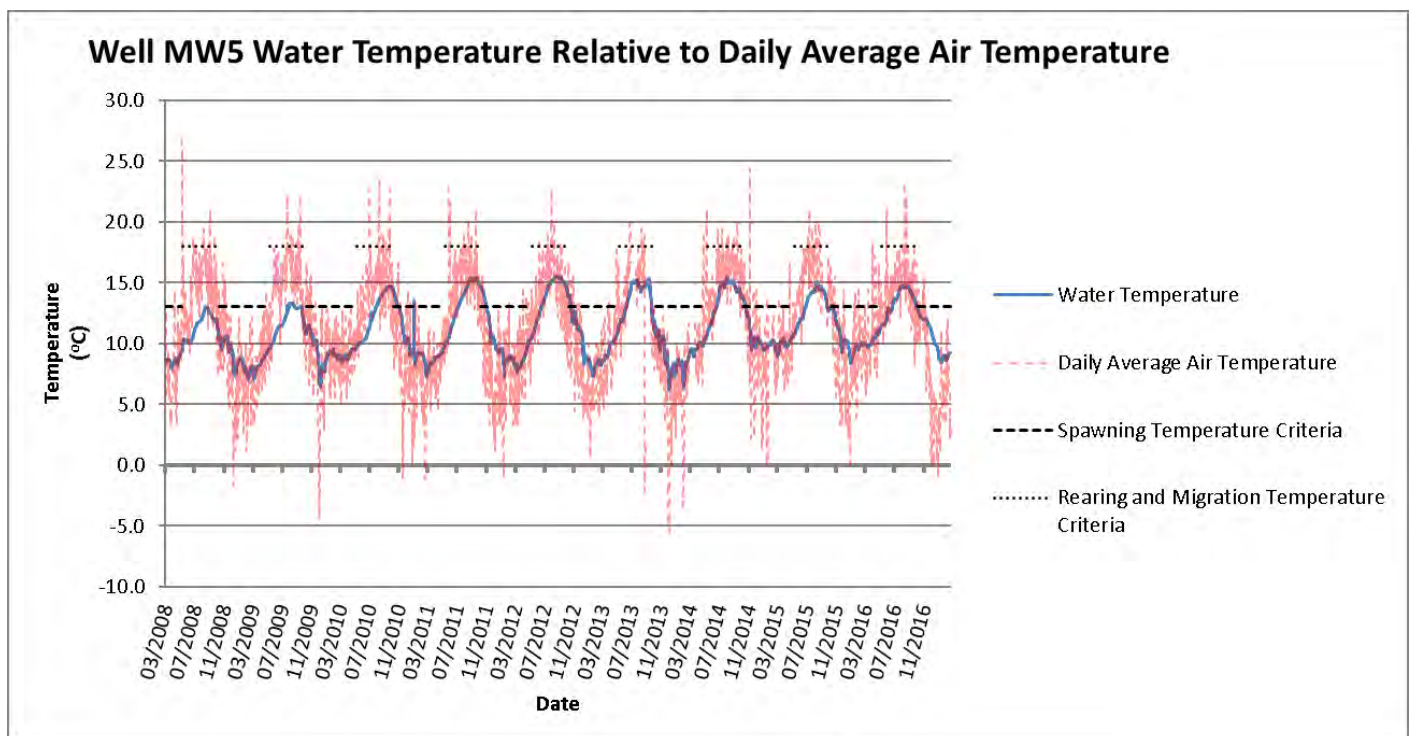
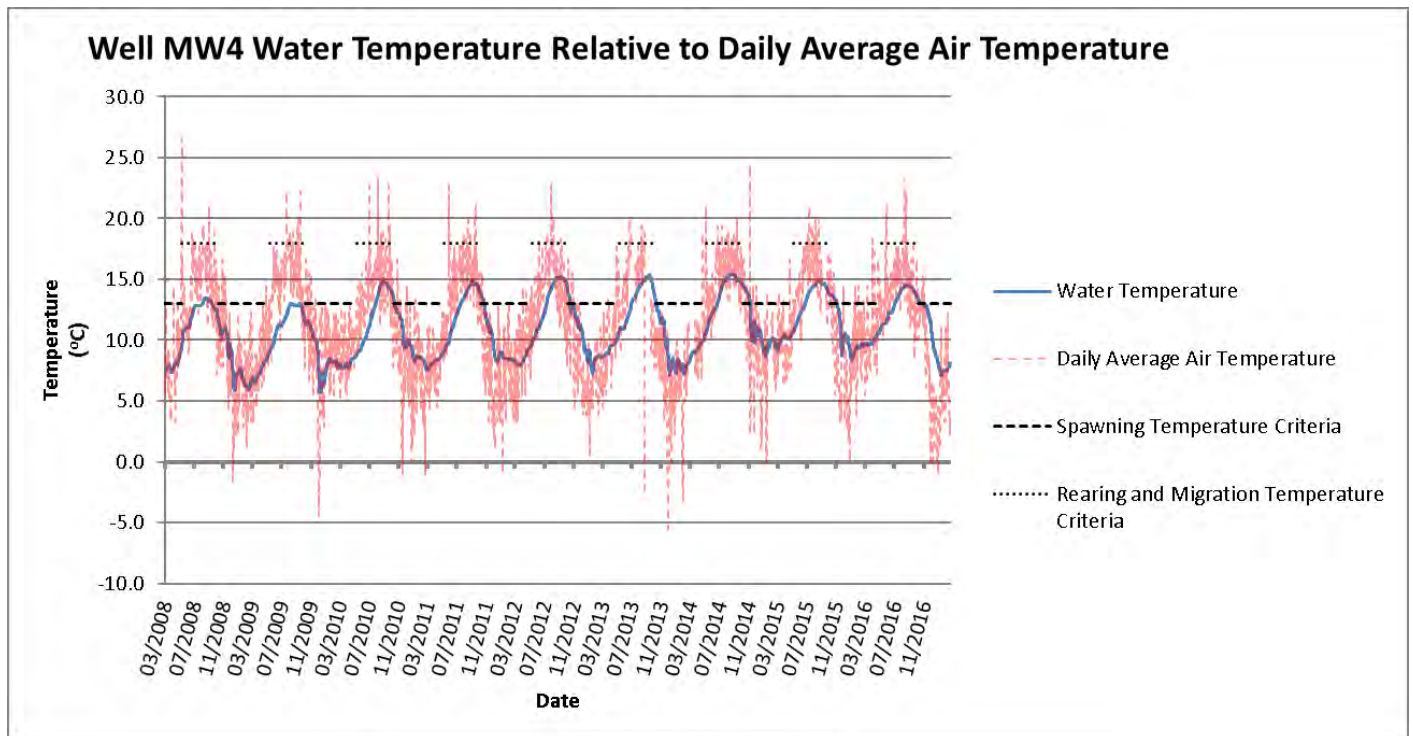
## **Appendix B**

Graphs depicting water temperatures in water level monitoring wells at Miami  
Wetlands from March 2008 through February 2017

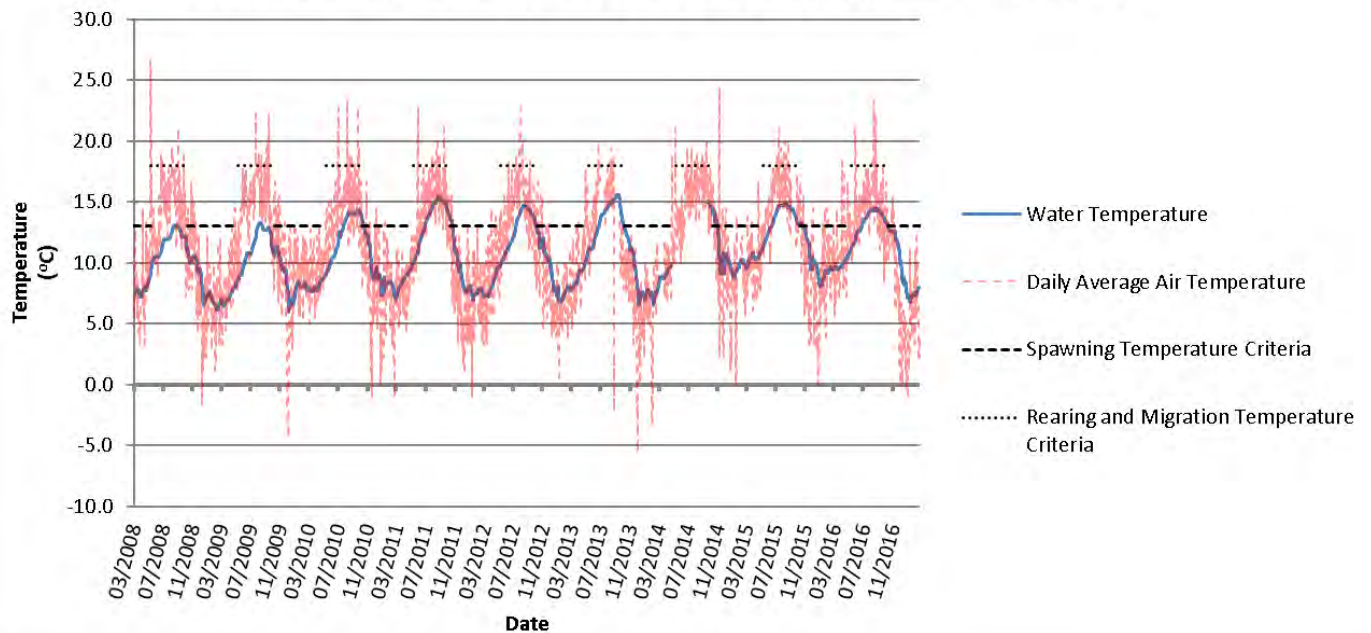
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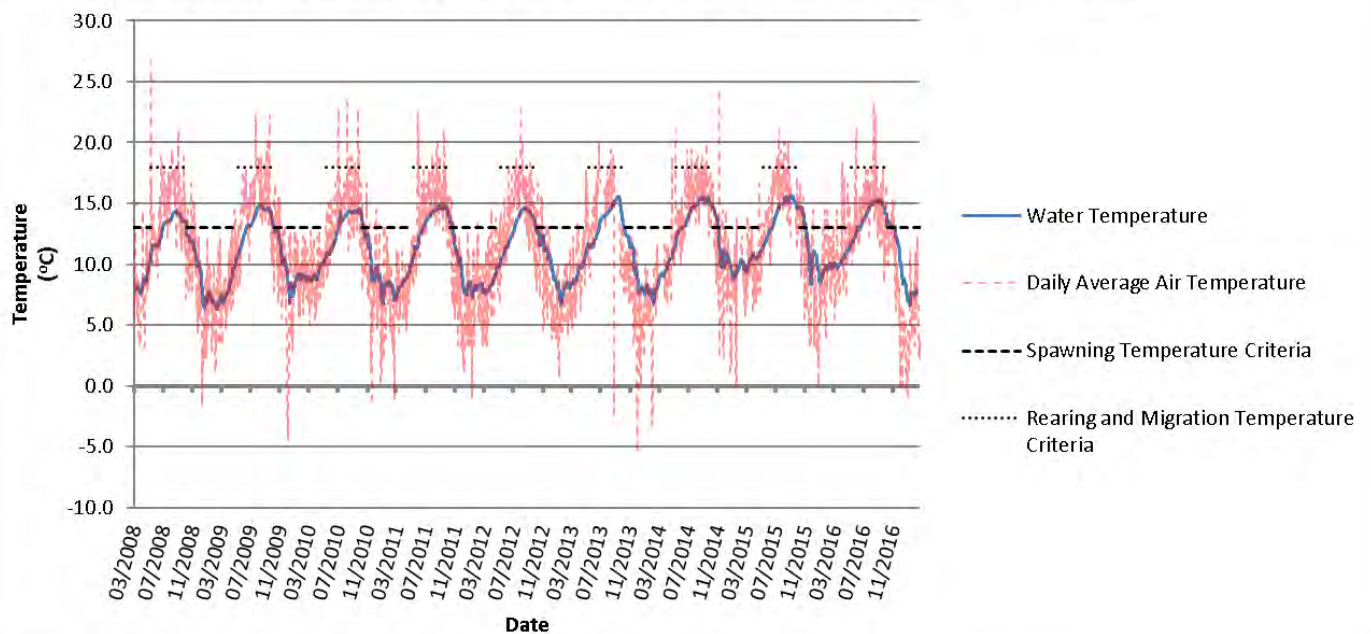
Figure B. Graphs depicting water temperatures in water level monitoring wells at Miami Wetlands from March 2008 through February 2017



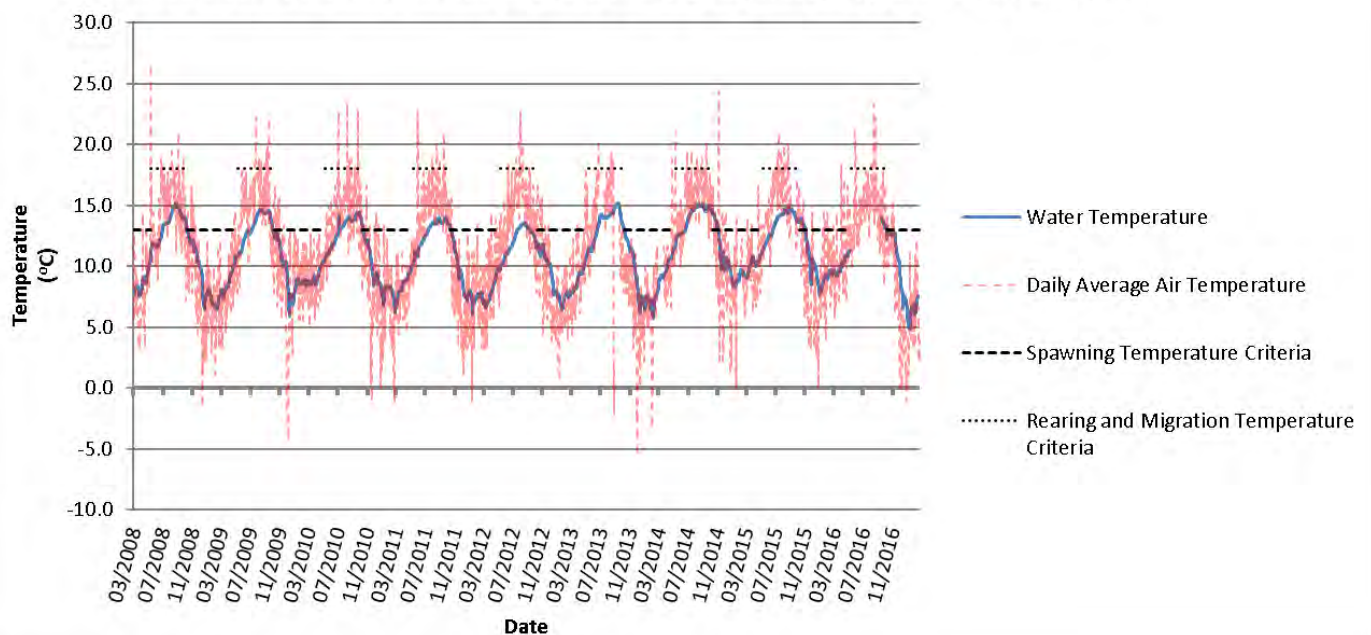
### Well MW6 Water Temperature Relative to Daily Average Air Temperature



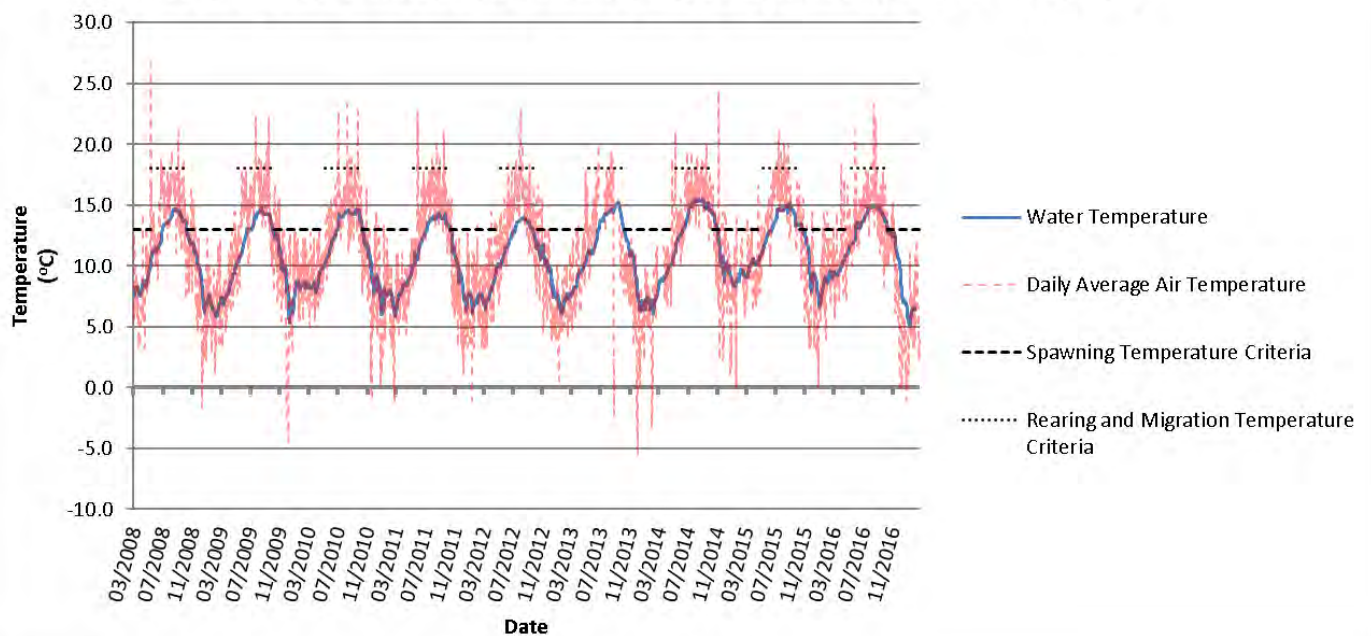
### Well MW7 Water Temperature Relative to Daily Average Air Temperature



### Well MW9 Water Temperature Relative to Daily Average Air Temperature

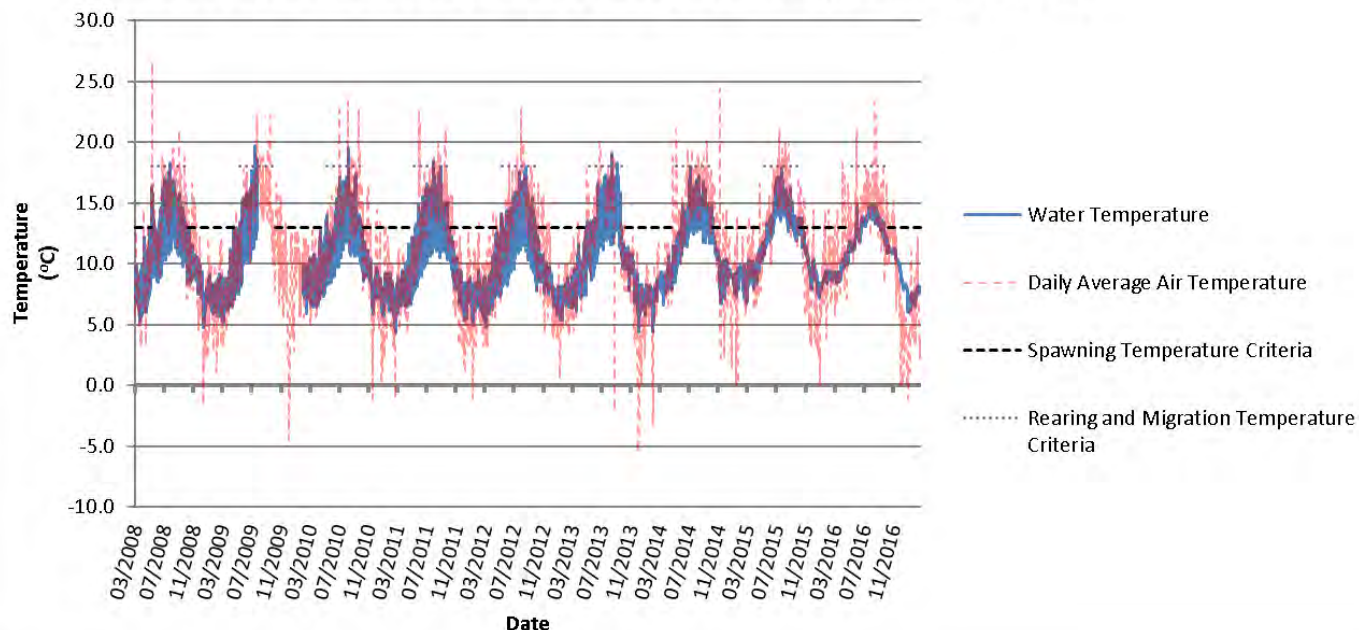


### Well MW12 Water Temperature Relative to Daily Average Air Temperature

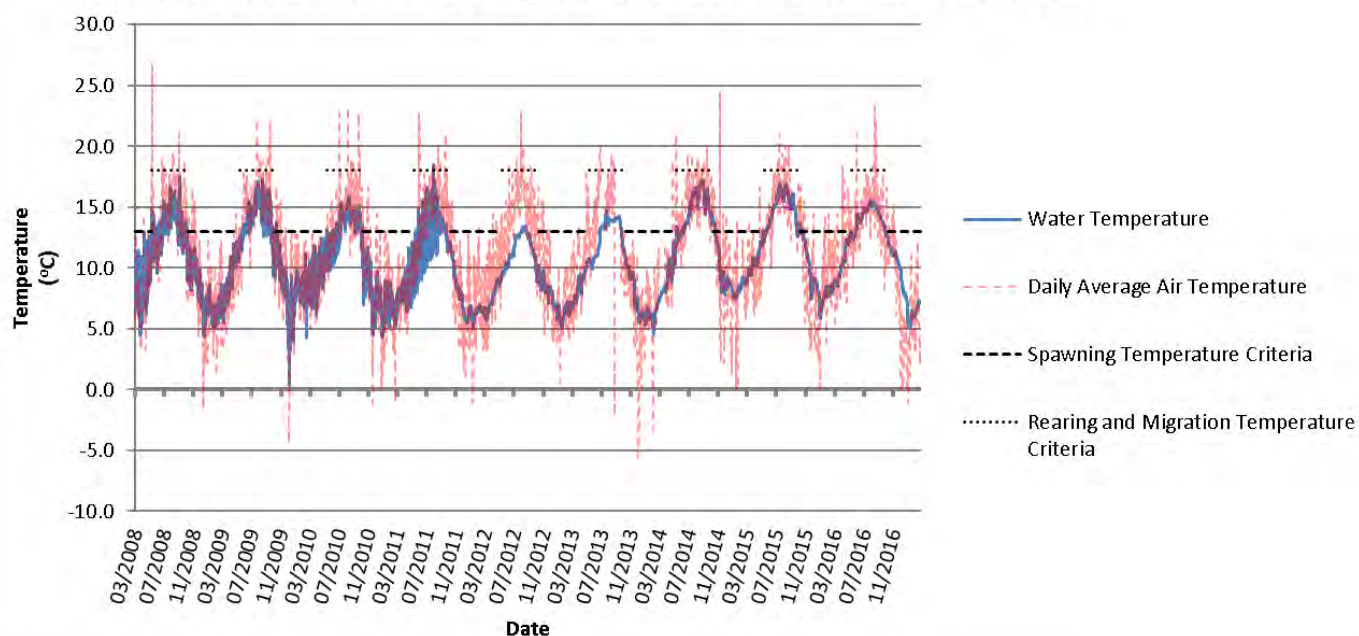




### Well LL1 Water Temperature Relative to Daily Average Air Temperature



### Well LL2 Water Temperature Relative to Daily Average Air Temperature



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## **Appendix C**

Graphs depicting post-restoration water temperatures in constructed channels at the  
Miami Wetlands

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Figure C1. Graphs depicting post-restoration water temperatures in constructed channels at the Miami Wetlands during spring 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

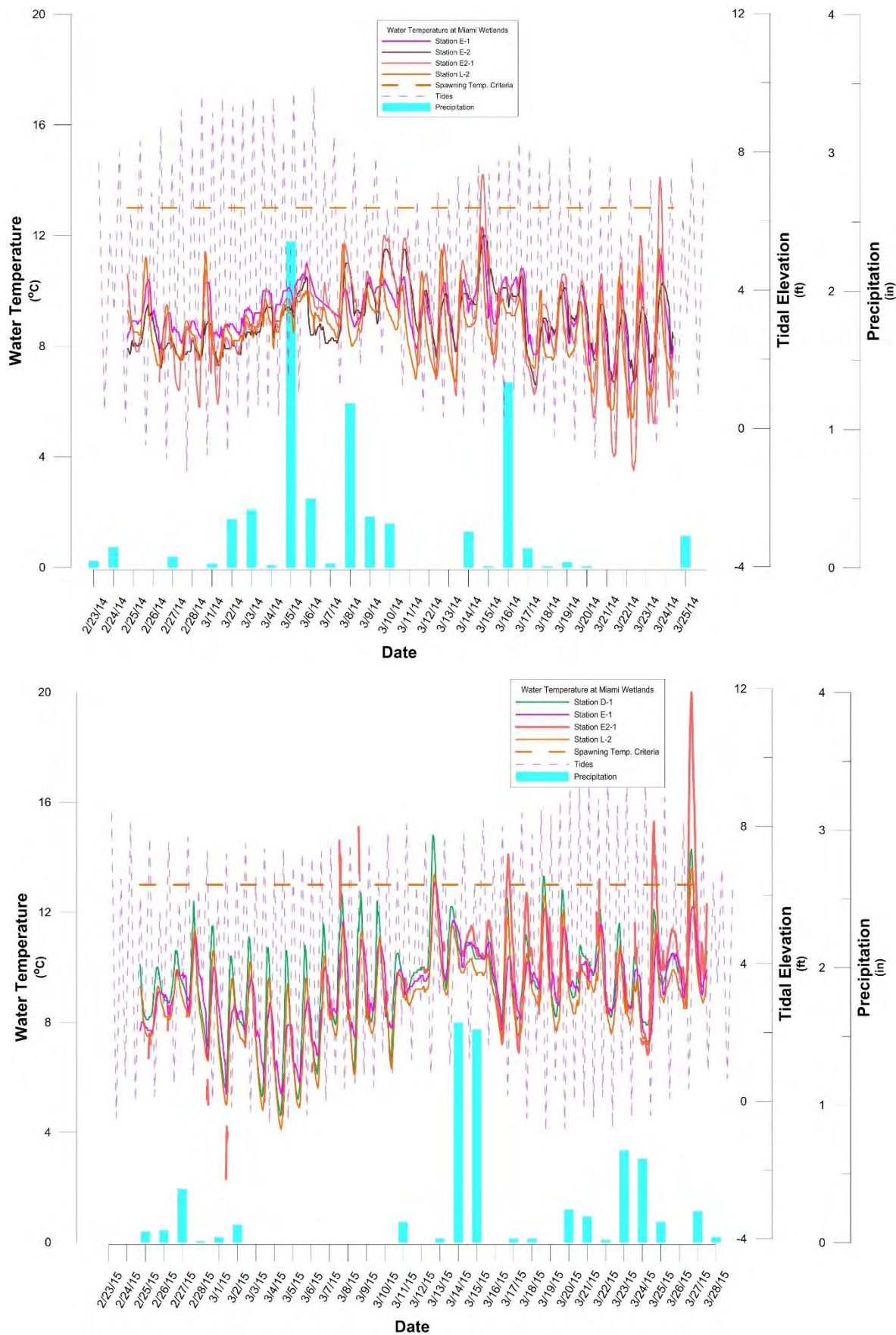


Figure C1. continued

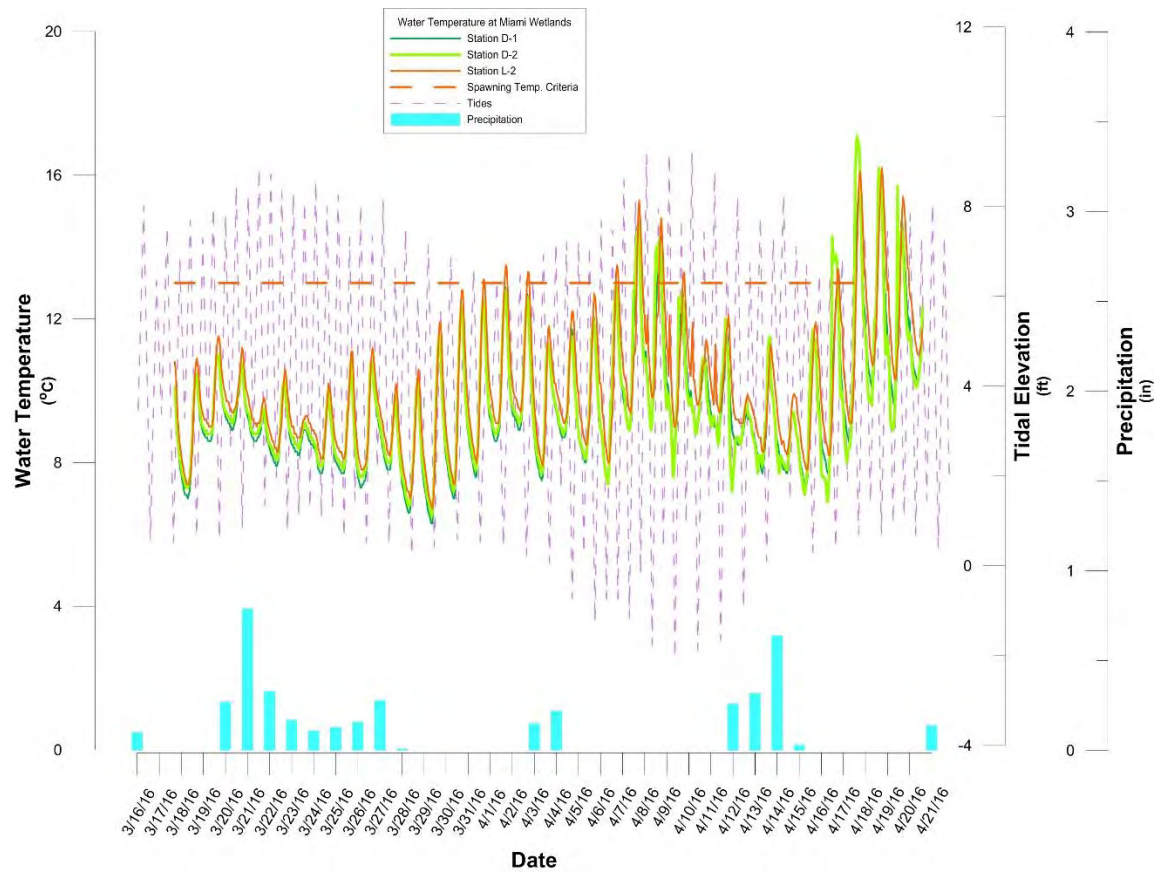


Figure C2. Graphs depicting post-restoration water temperatures in constructed channels at the Miami Wetlands during summer 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

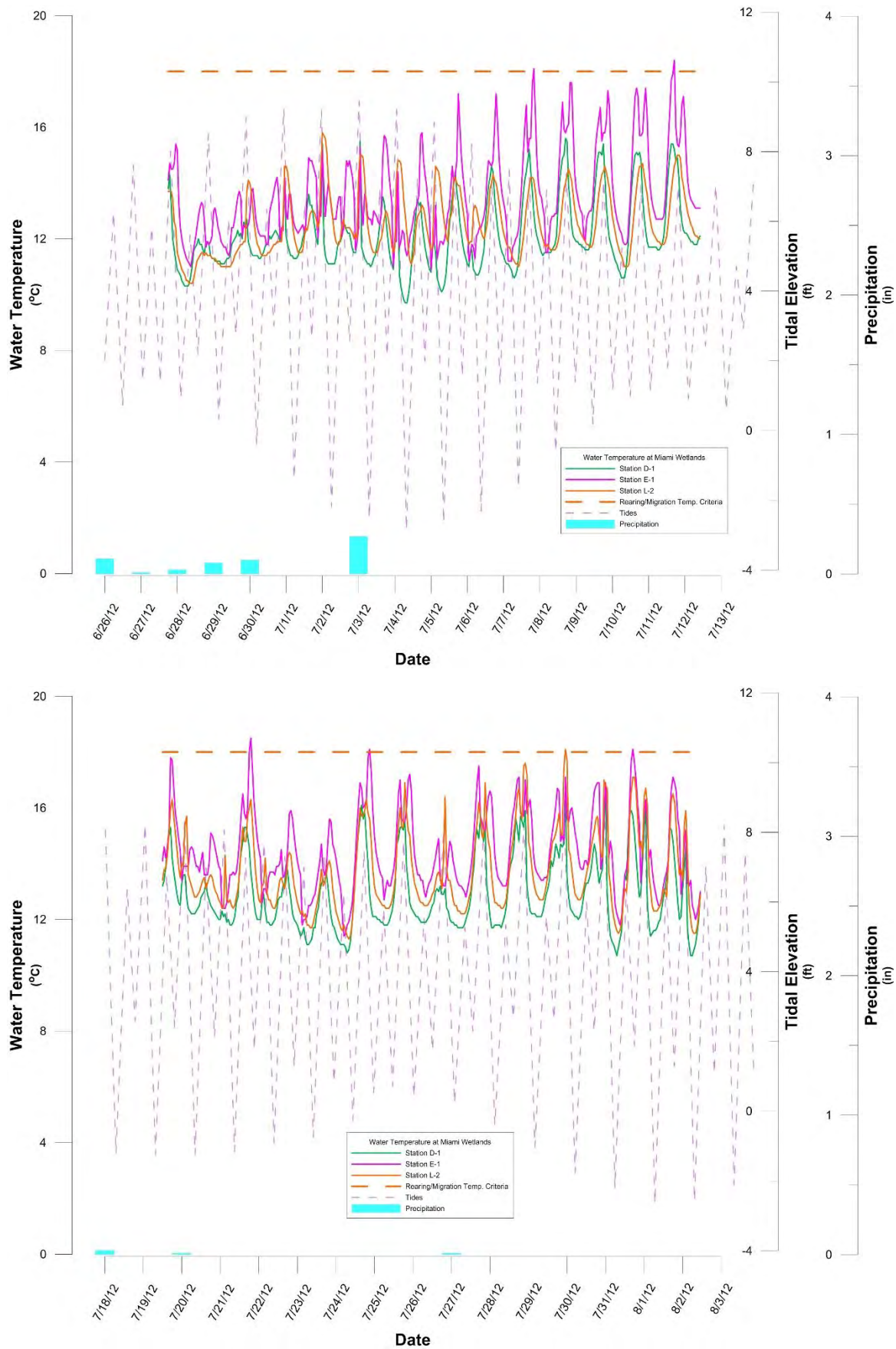




Figure C2. continued

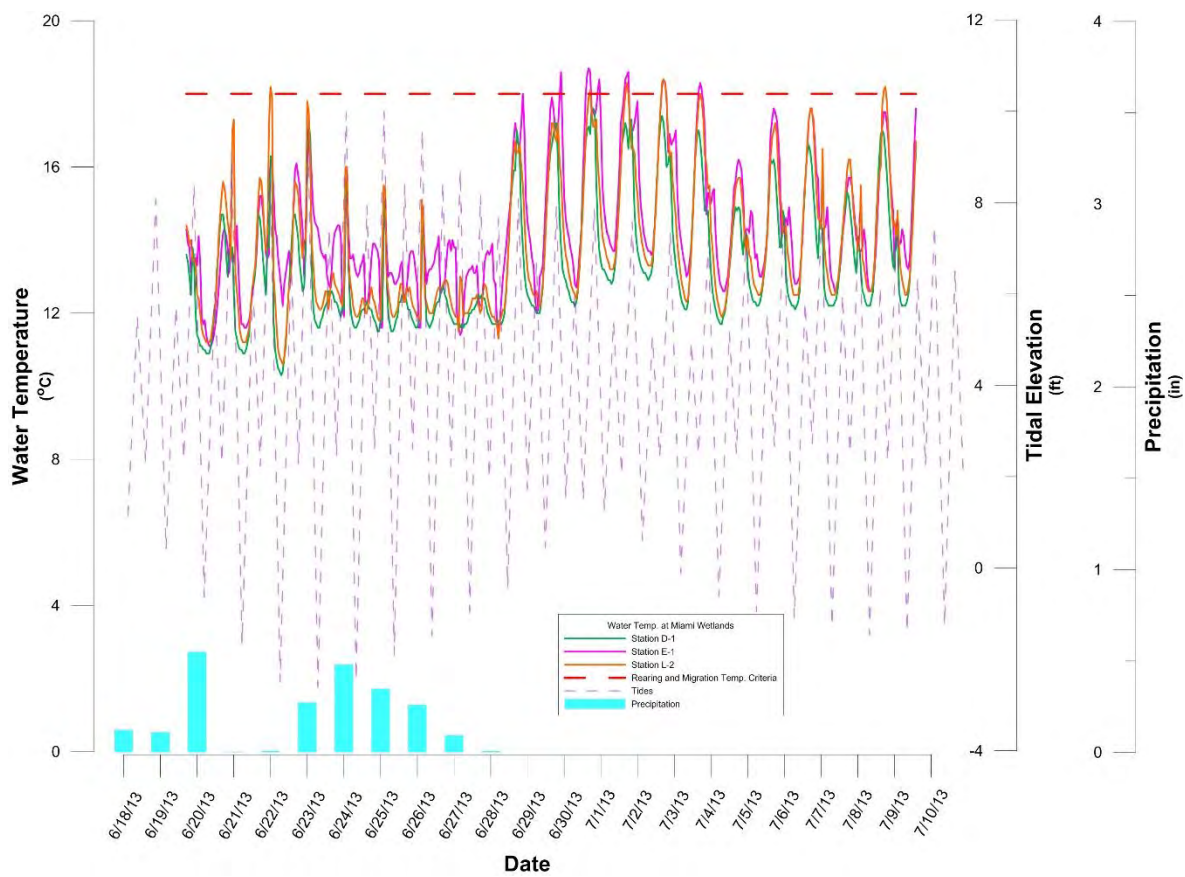
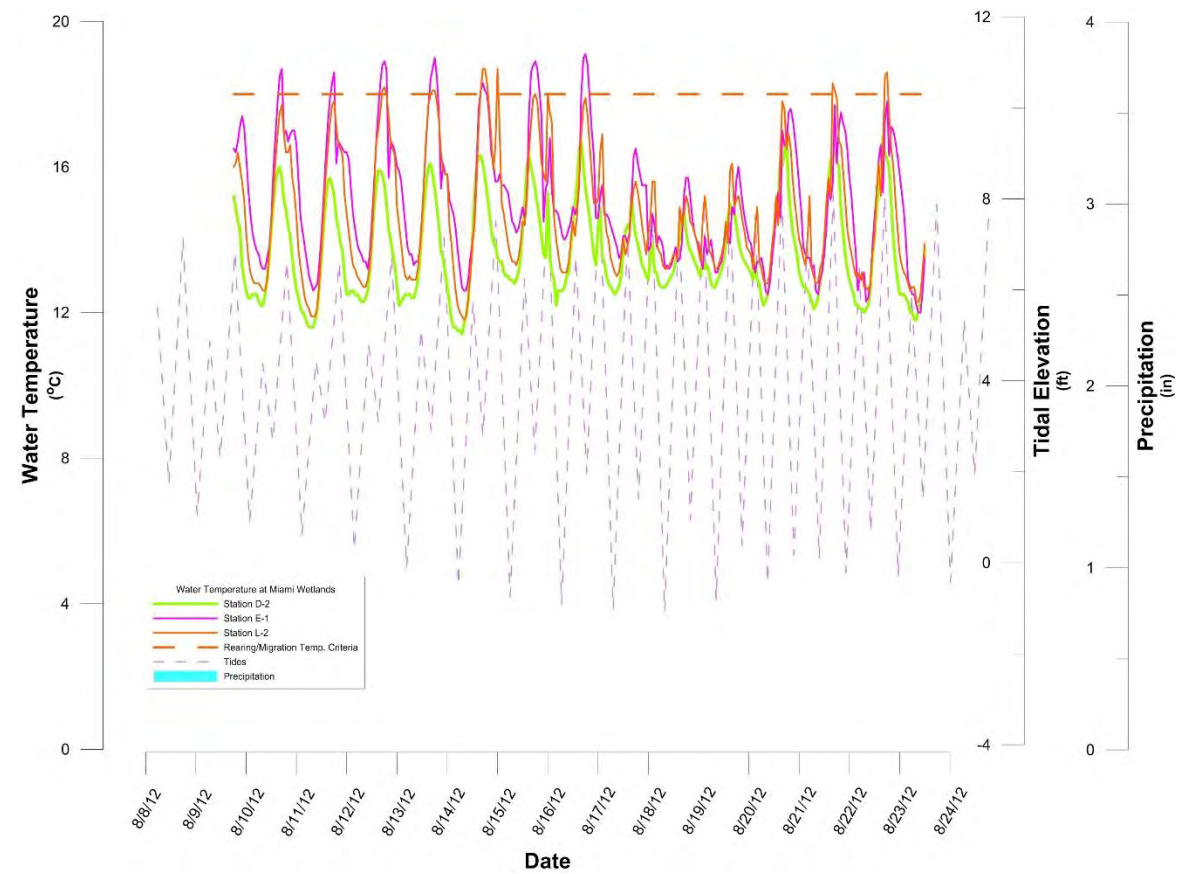


Figure C2. continued

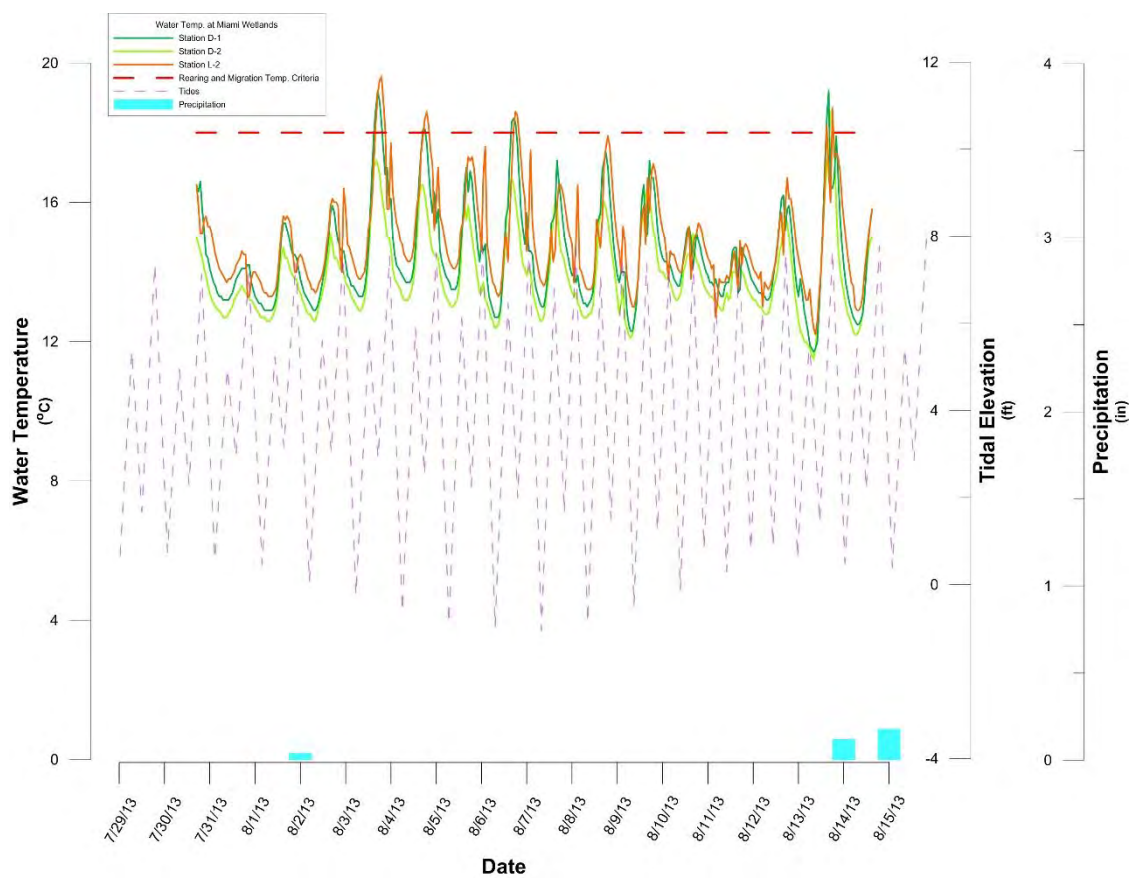
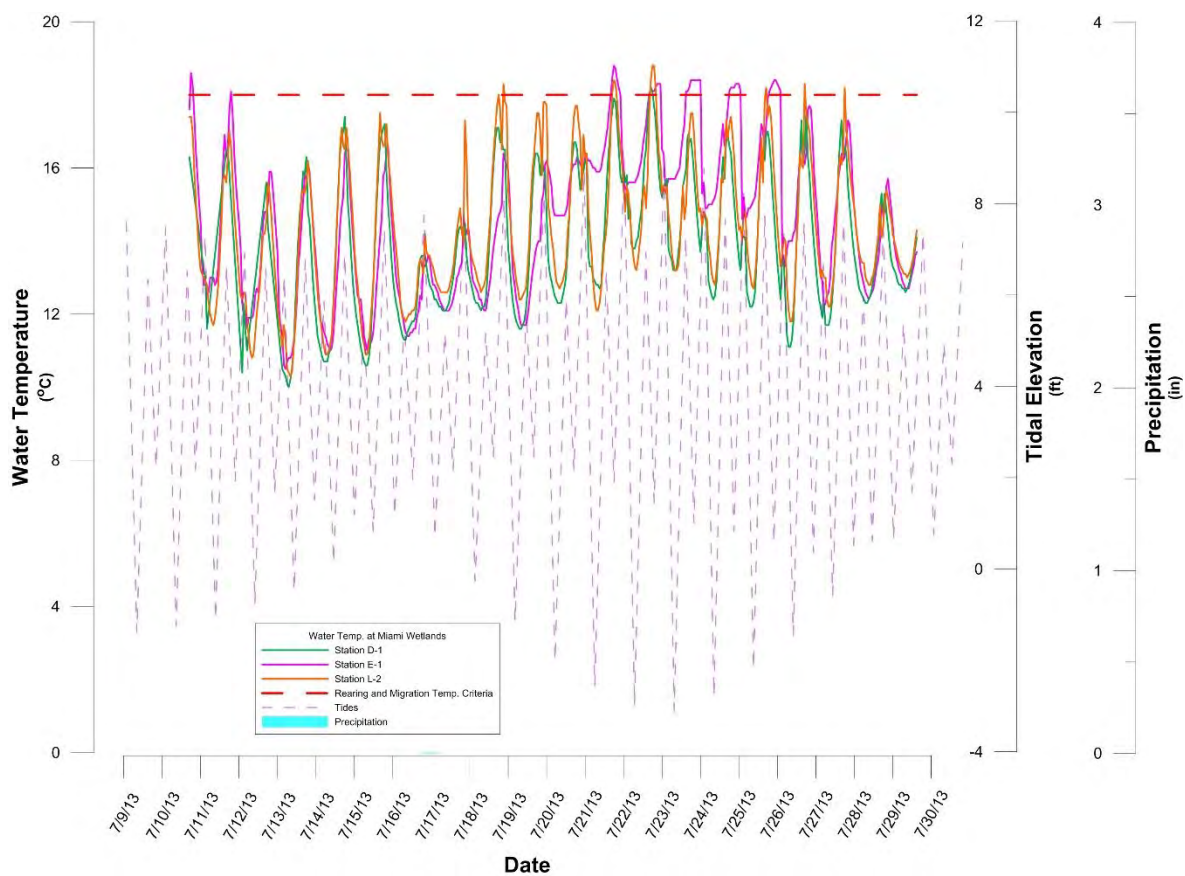




Figure C2. continued

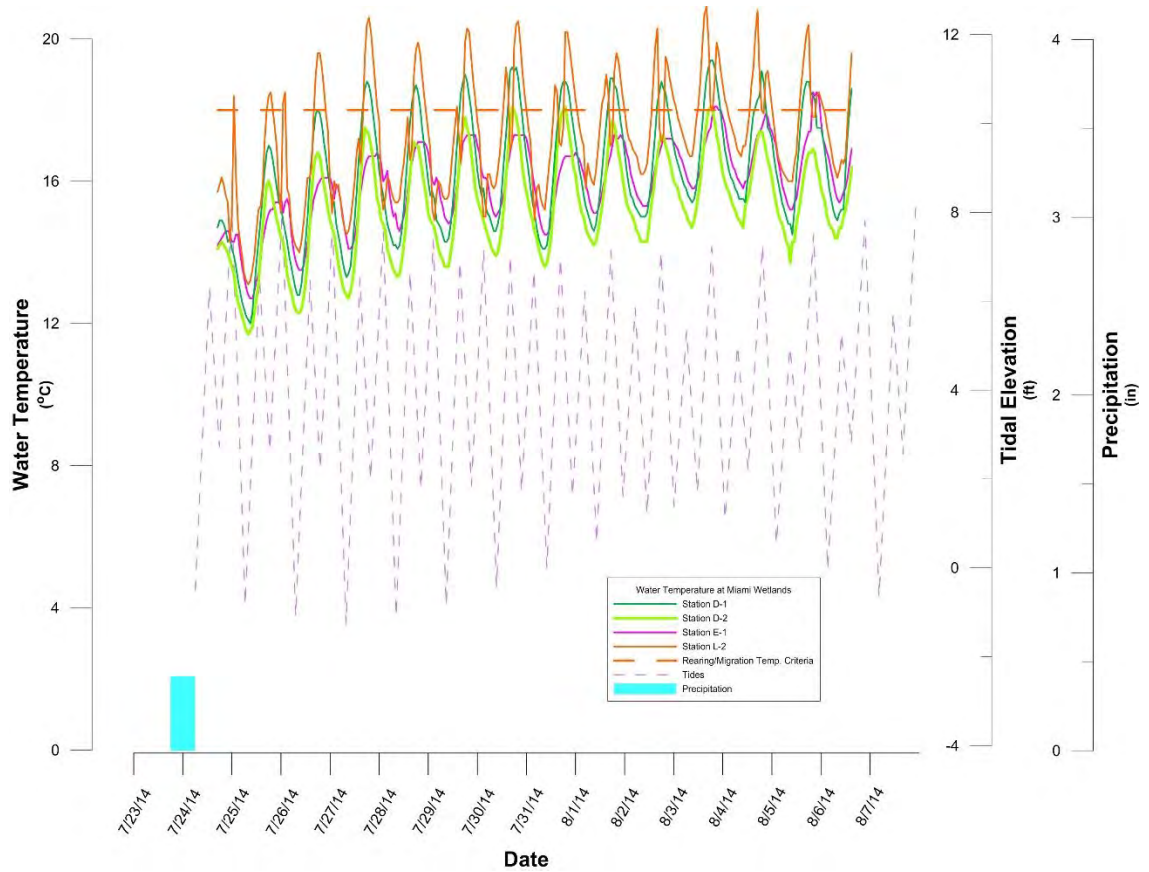
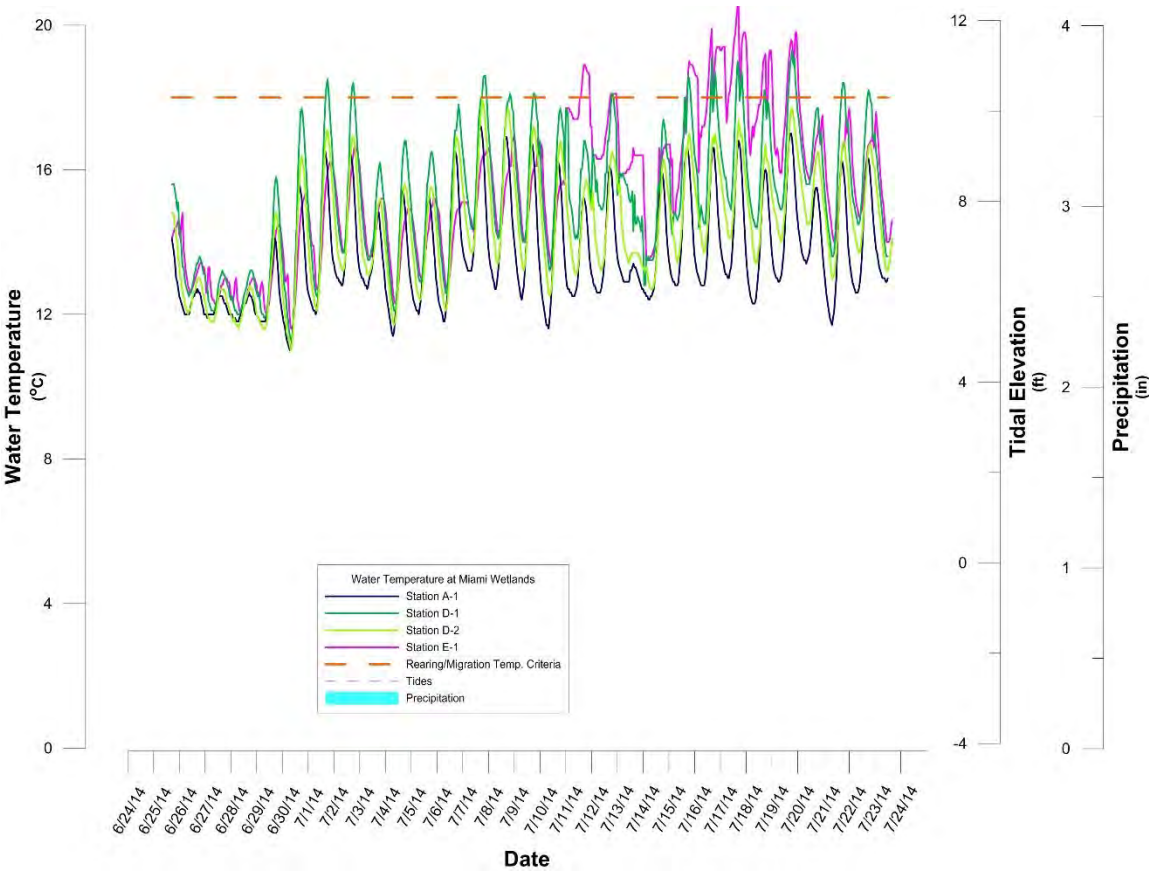


Figure C2. continued

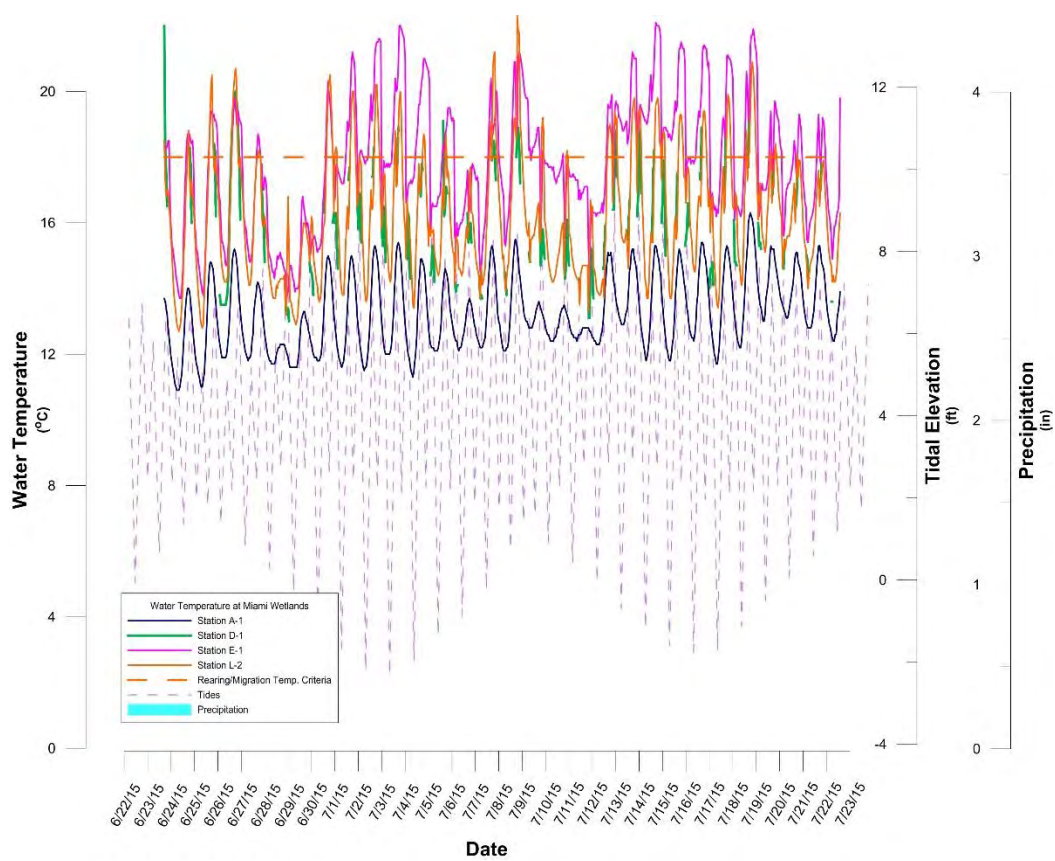
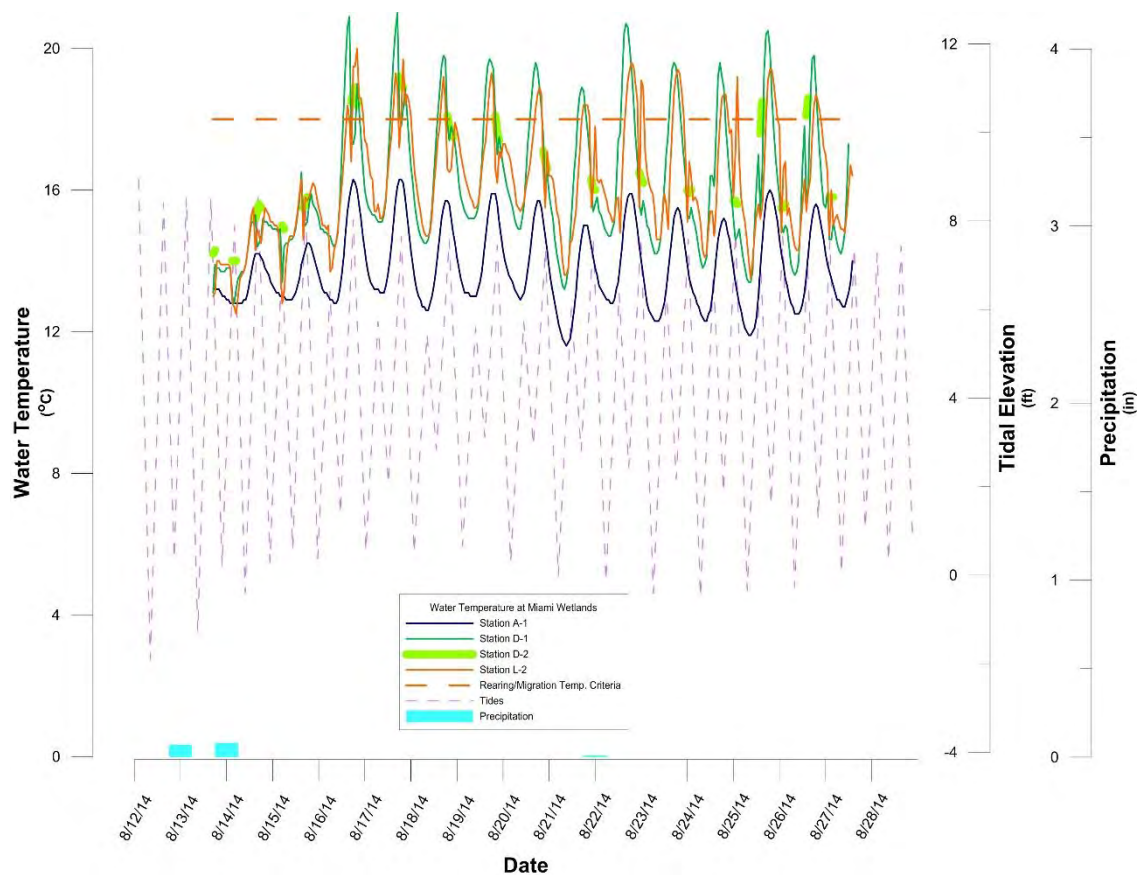


Figure C2. continued

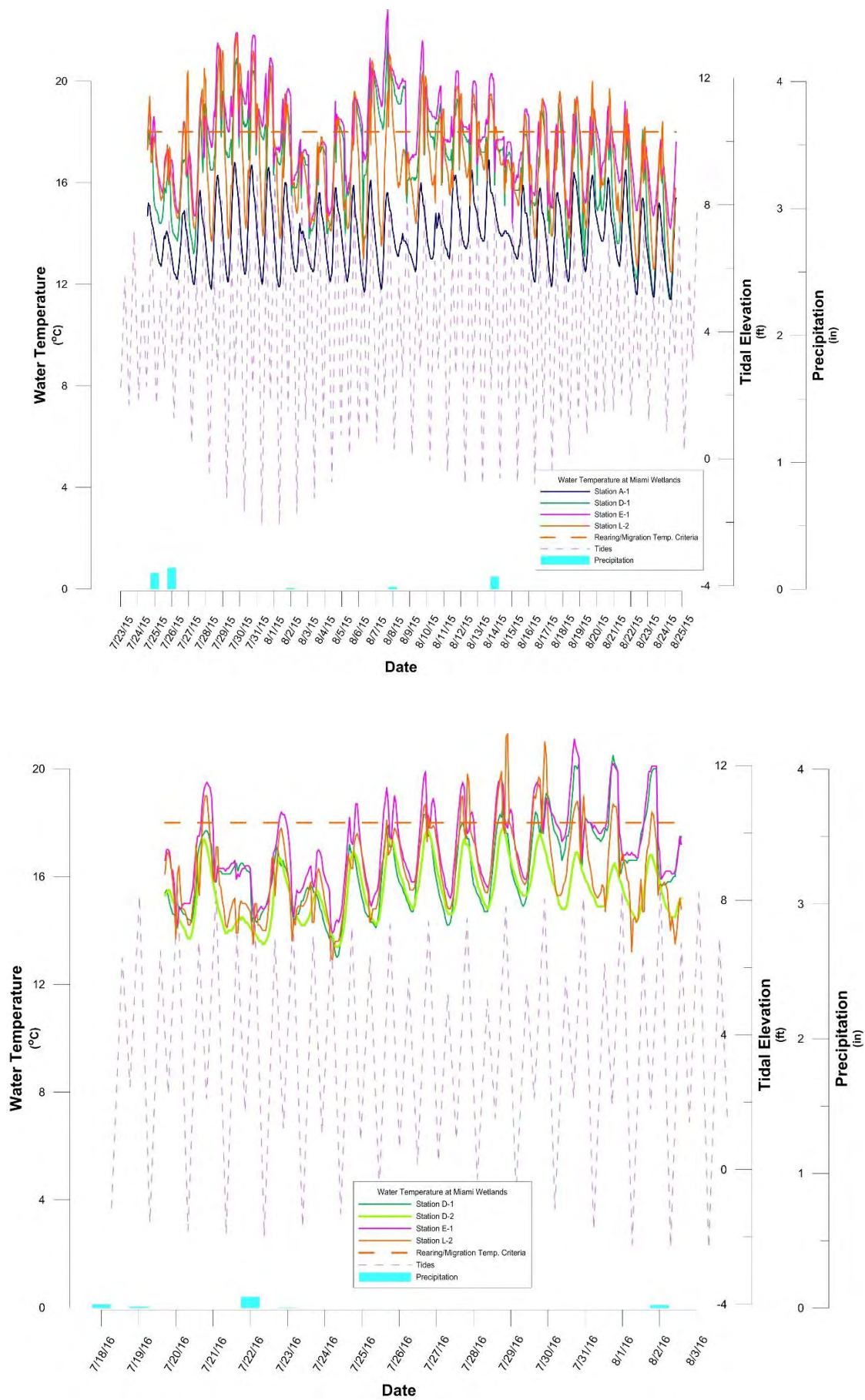




Figure C3. Graphs depicting post-restoration water temperatures in constructed channels at the Miami Wetlands during fall 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

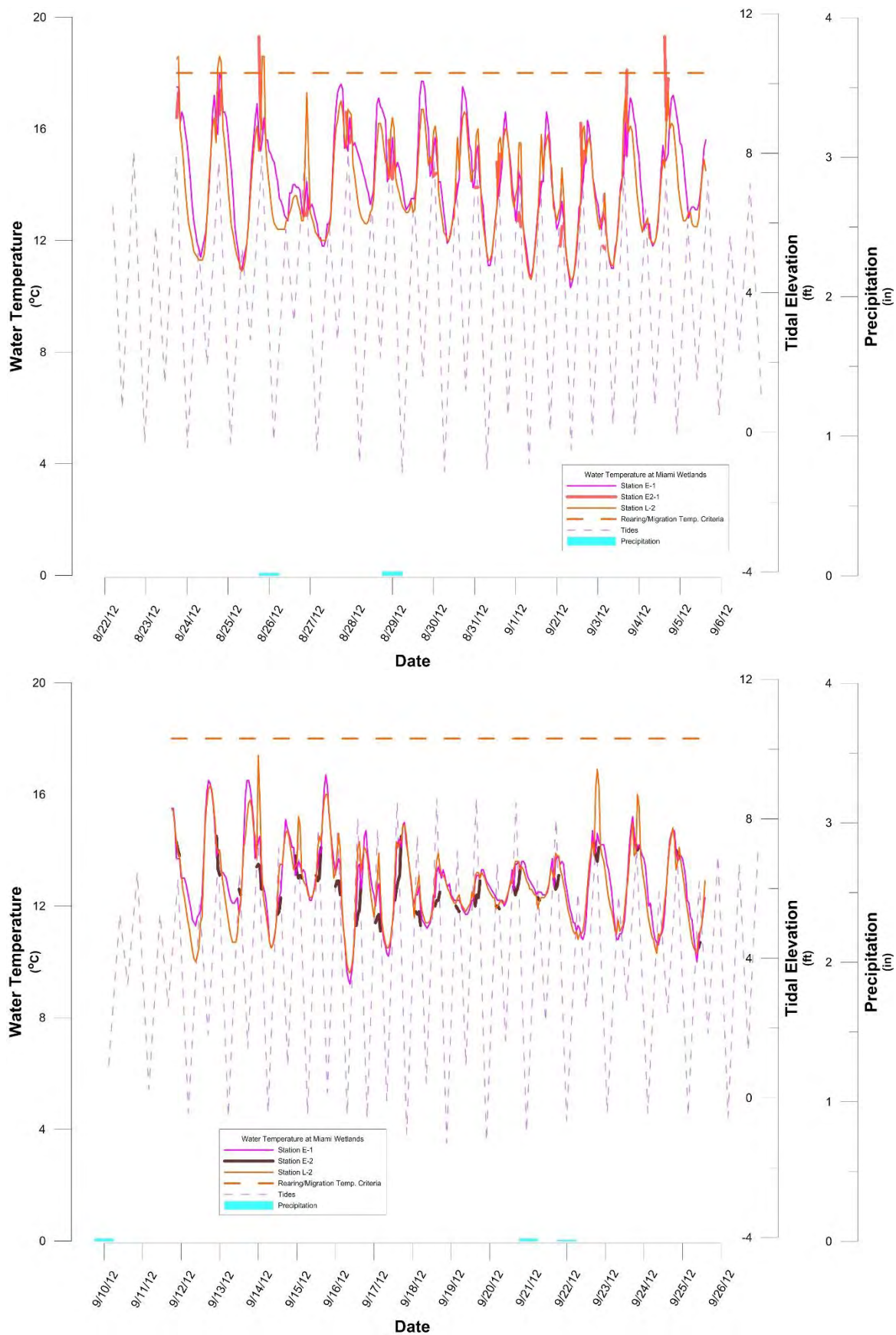


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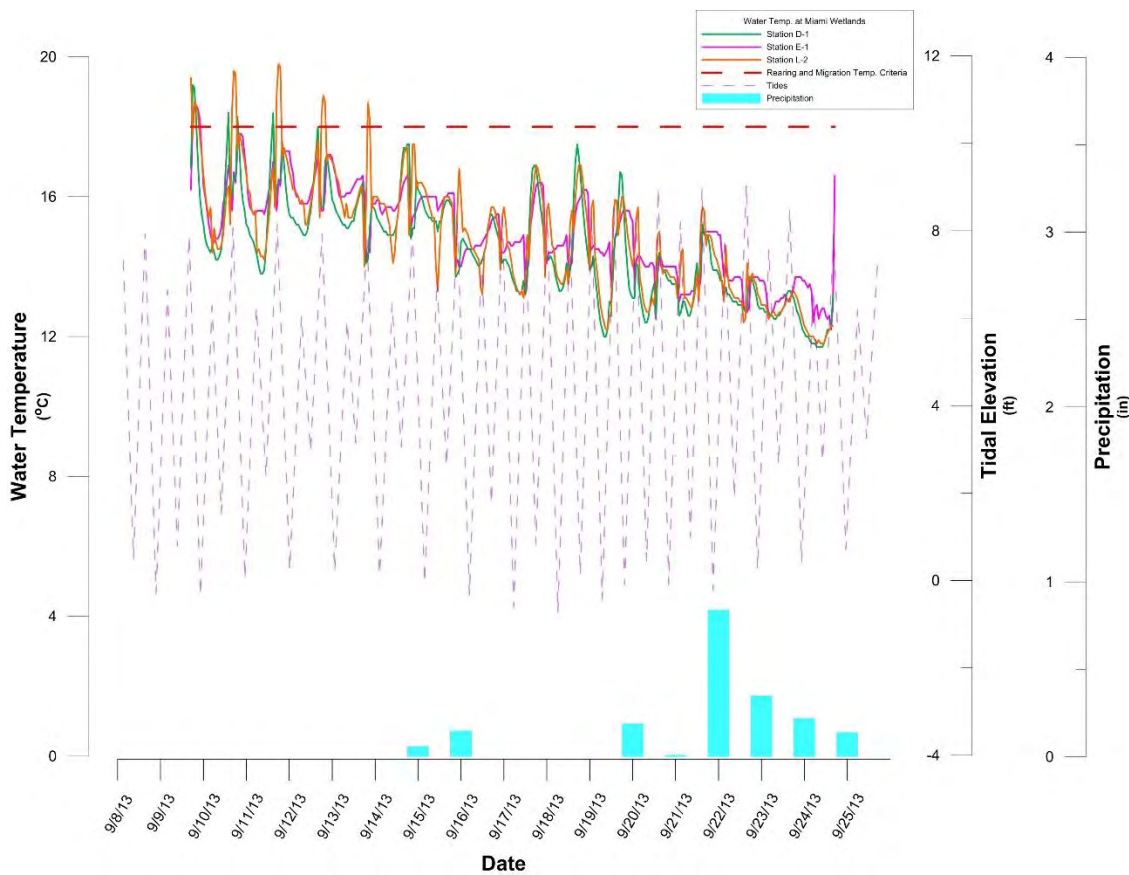
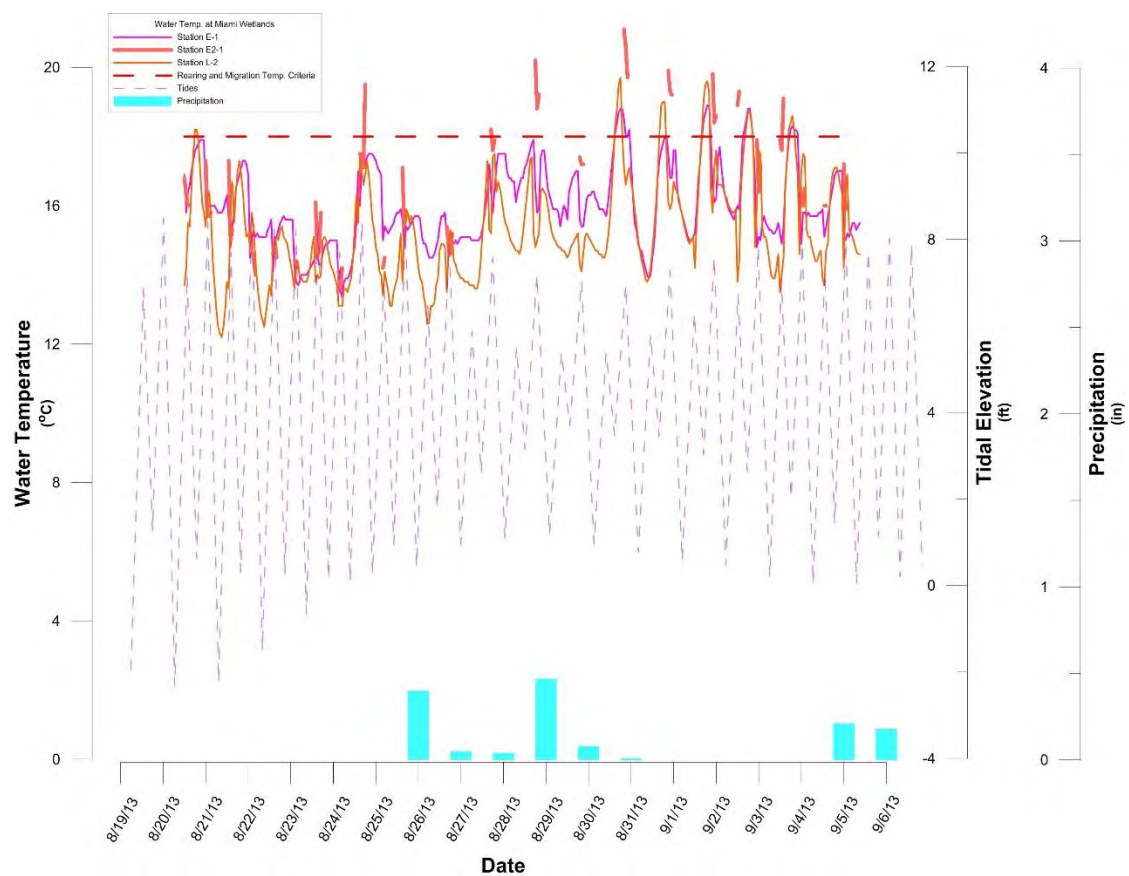


Figure C3. continued

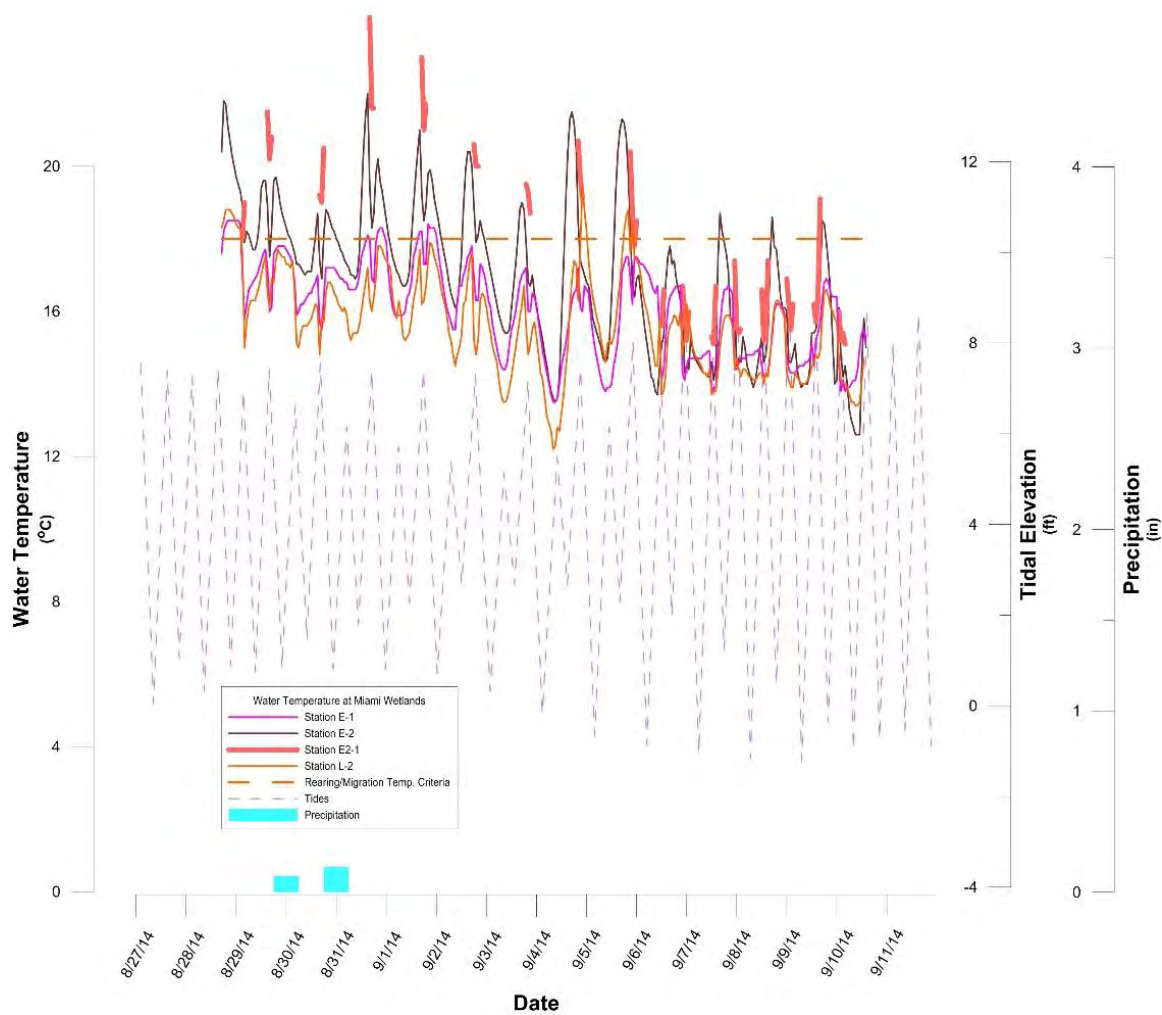
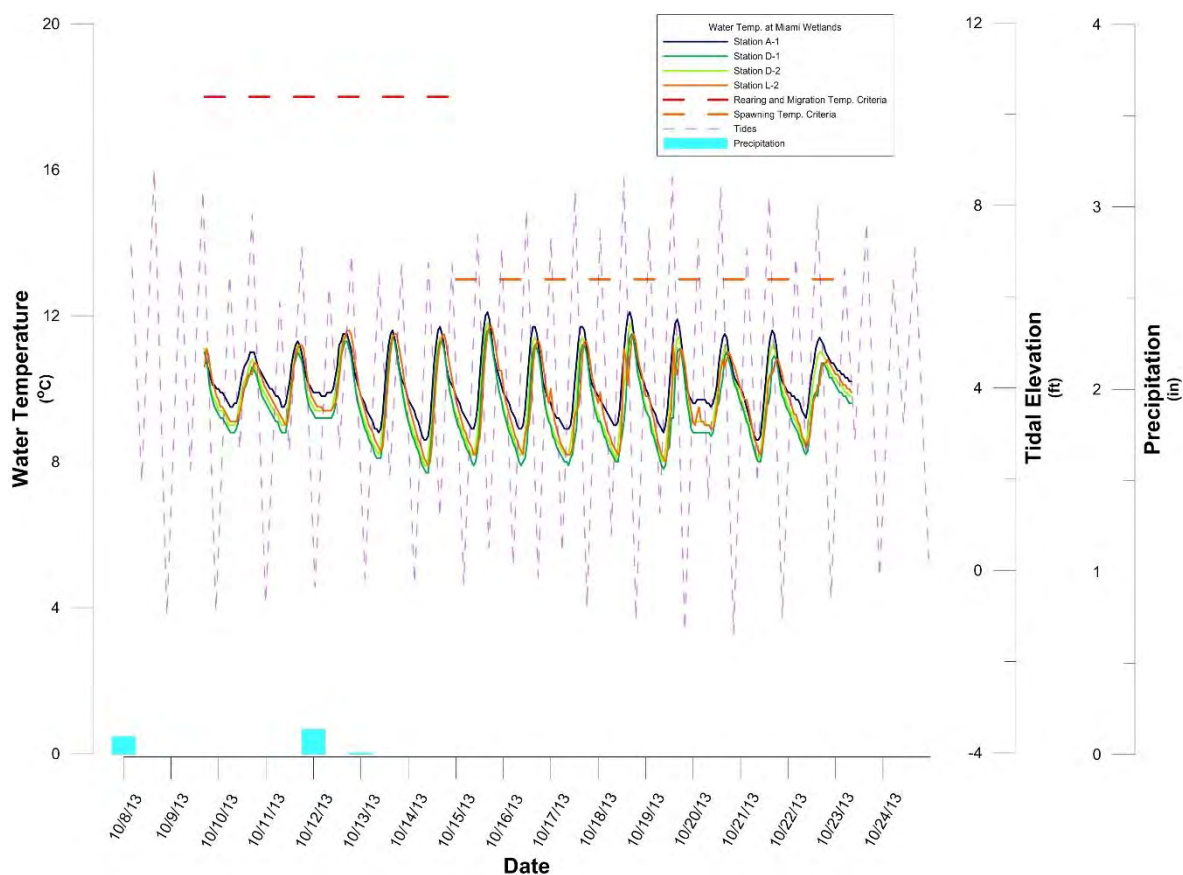




Figure C3. continued

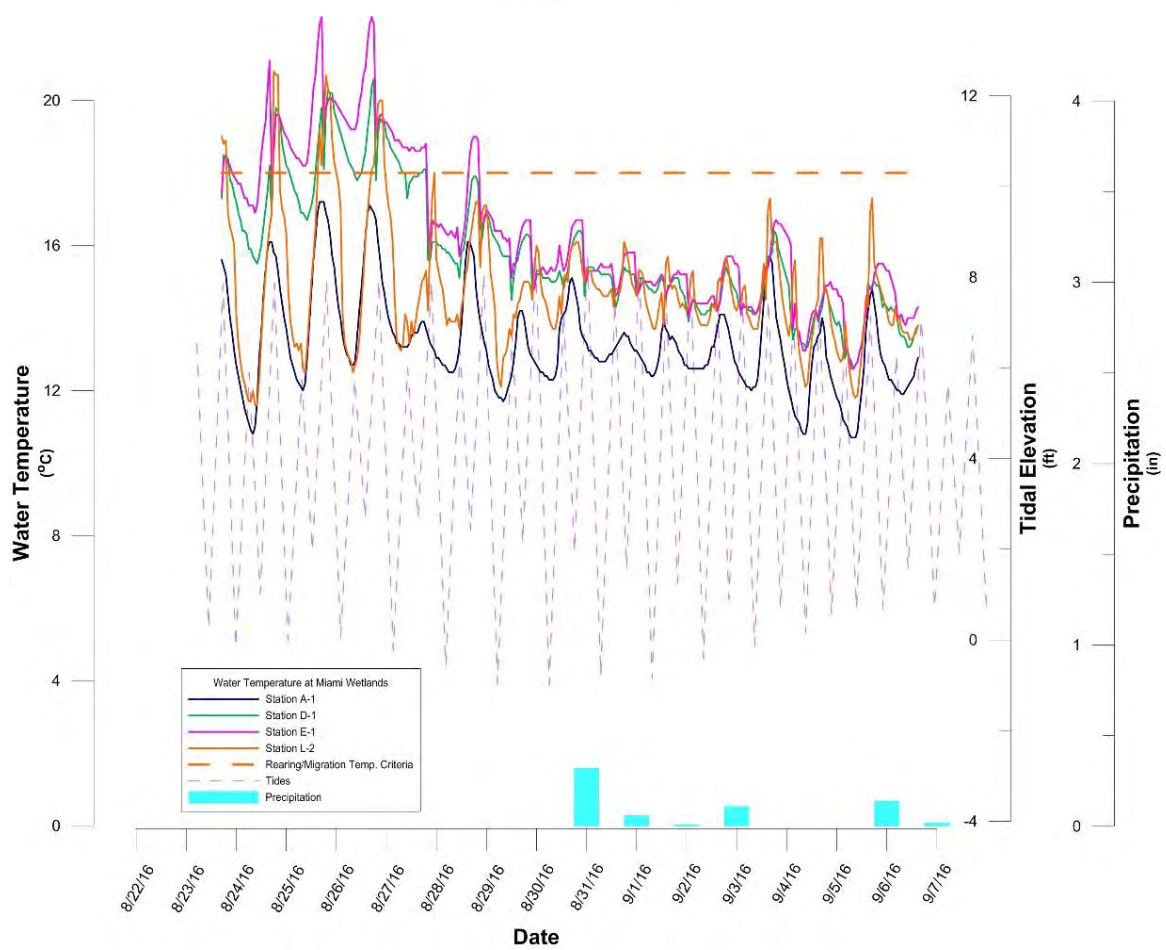
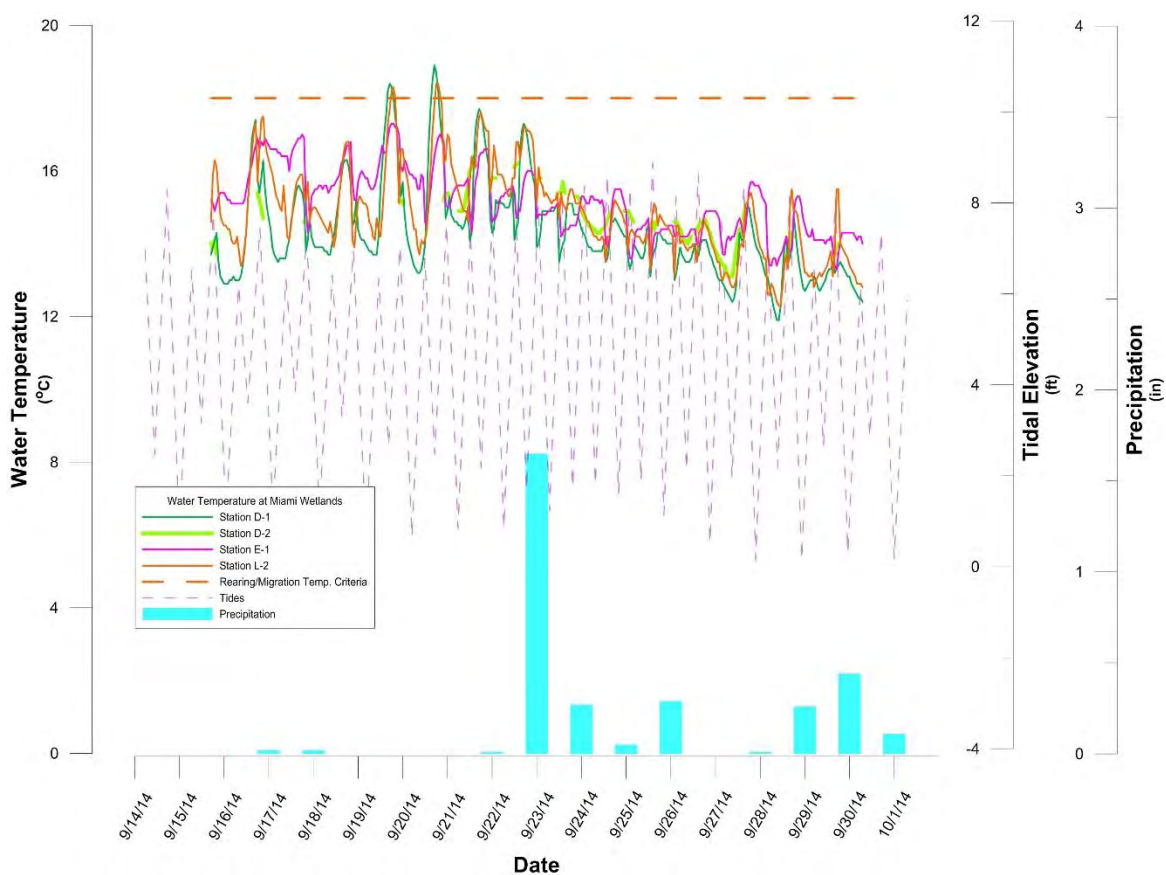


Figure C4. Graphs depicting post-restoration water temperatures in constructed channels at the Miami Wetlands during winter 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

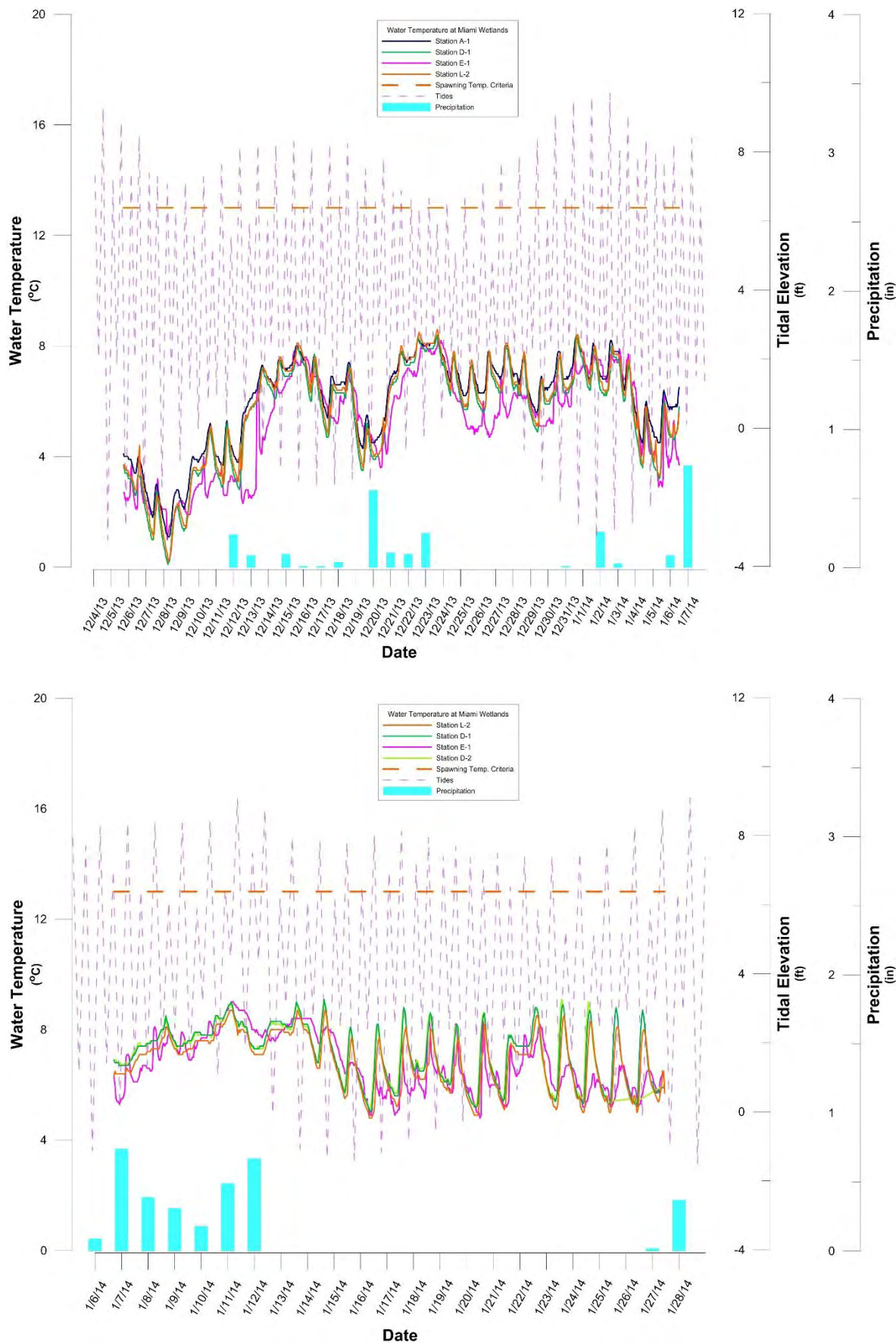
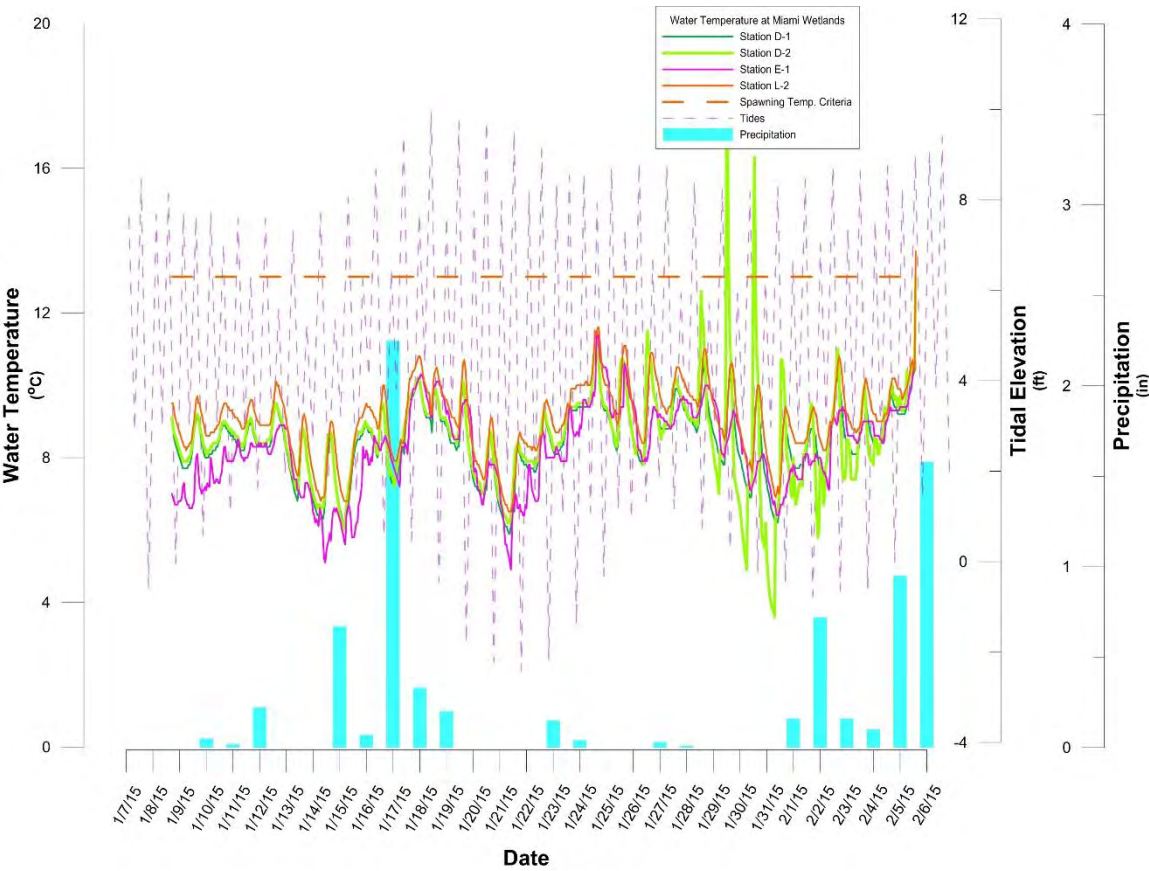


Figure C4. Continued





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## **Appendix D**

Graphs depicting post-restoration specific conductance levels for water in  
constructed channels at the Miami Wetlands

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Figure D1. Graphs depicting post-restoration specific conductance levels in constructed channels at the Miami Wetlands during spring 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

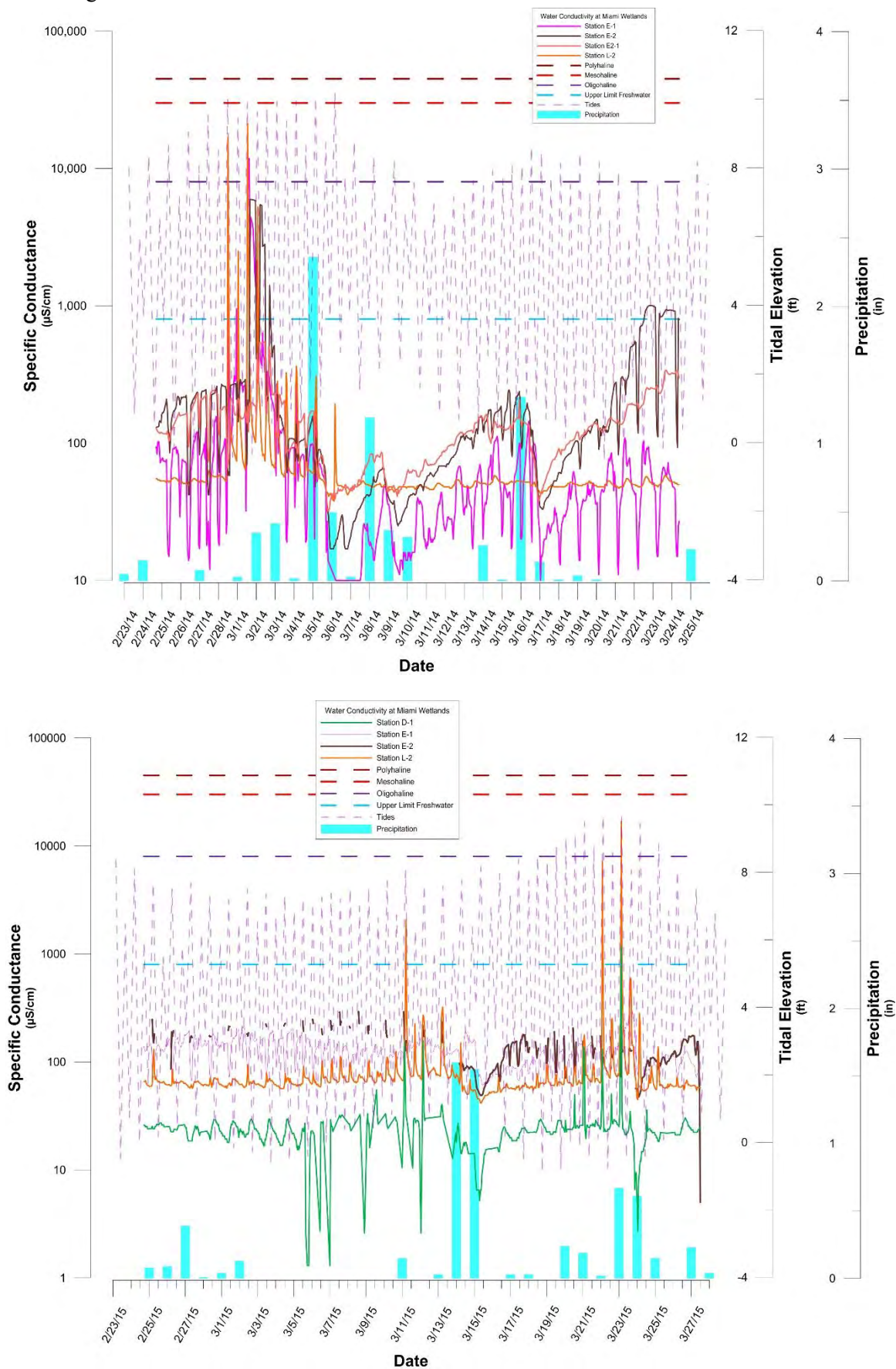


Figure D1. continued

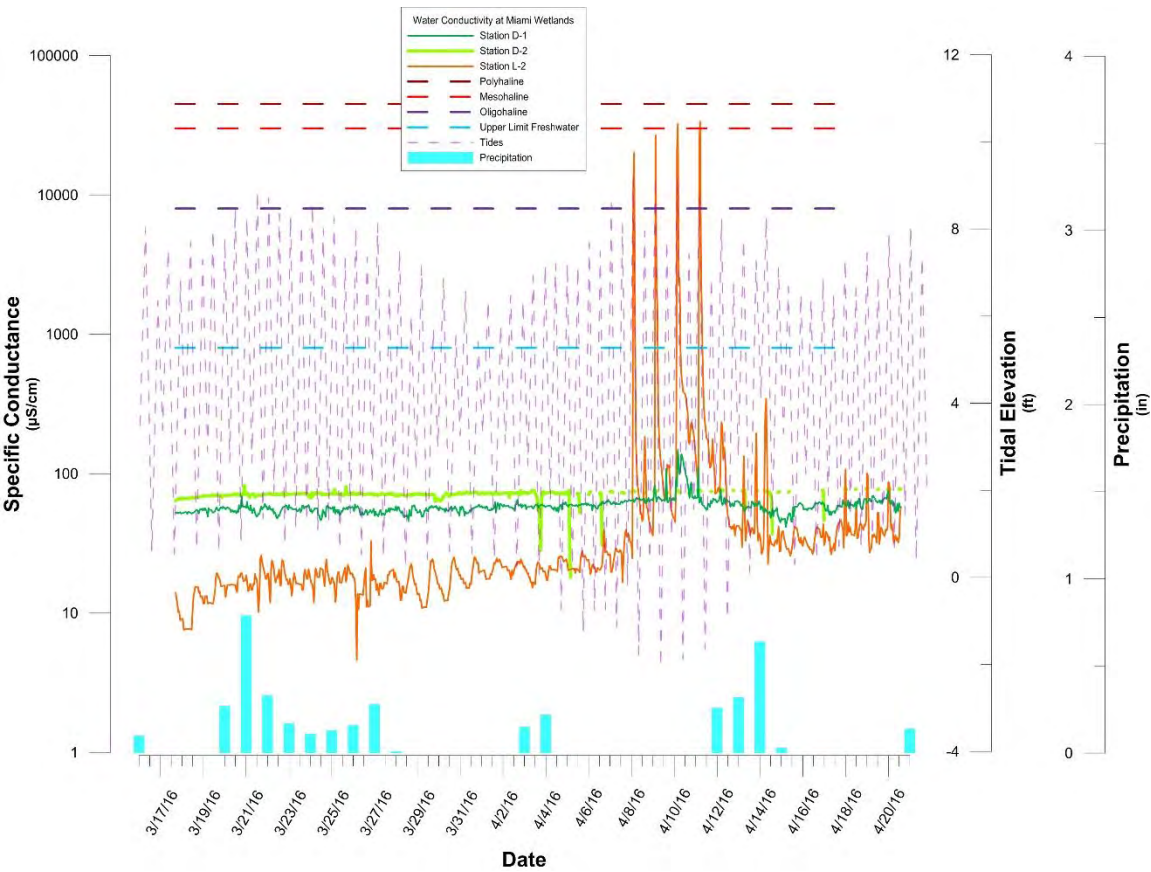




Figure D2. Graphs depicting post-restoration specific conductance levels in constructed channels at the Miami Wetlands during summer 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

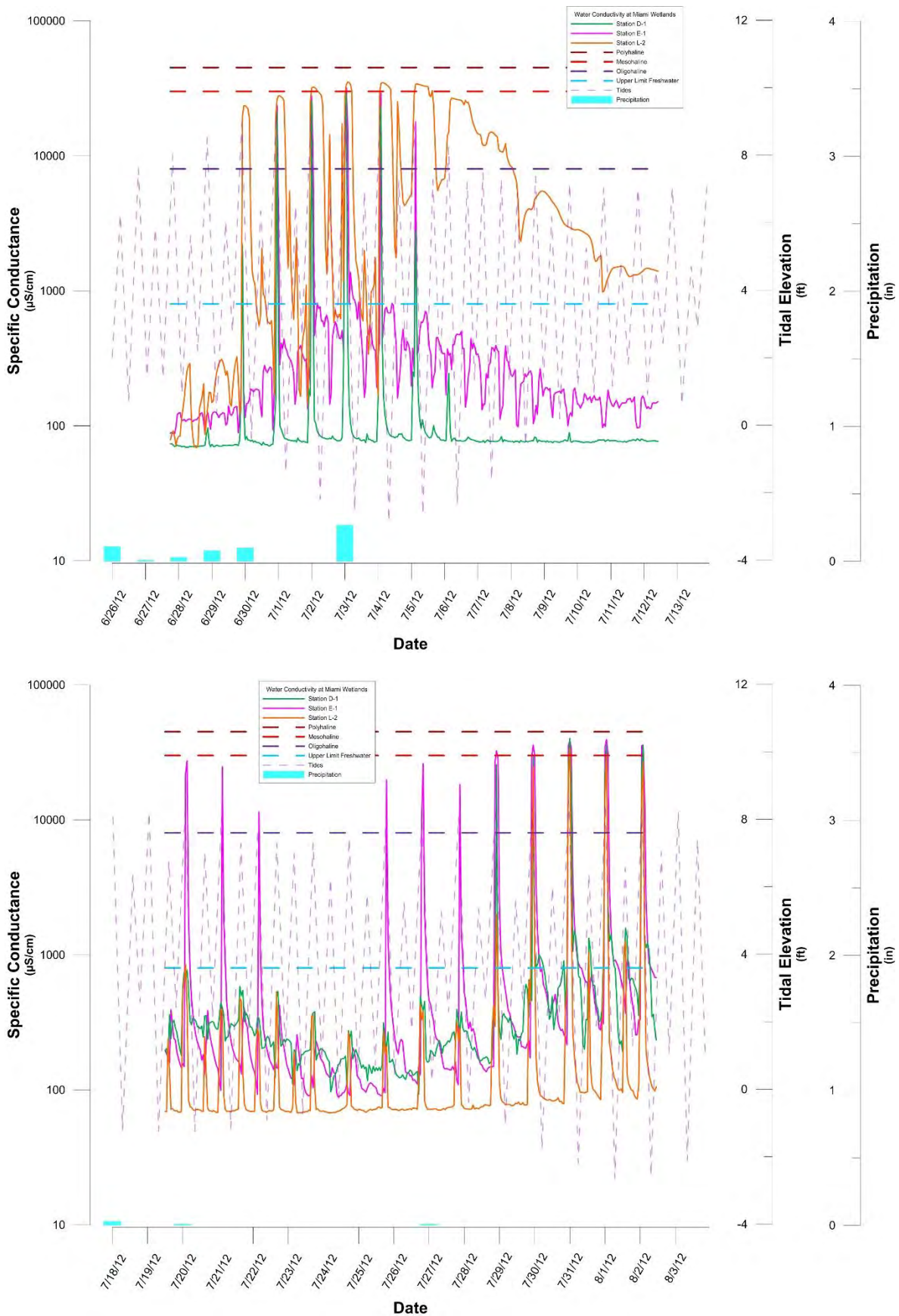


Figure D2. continued

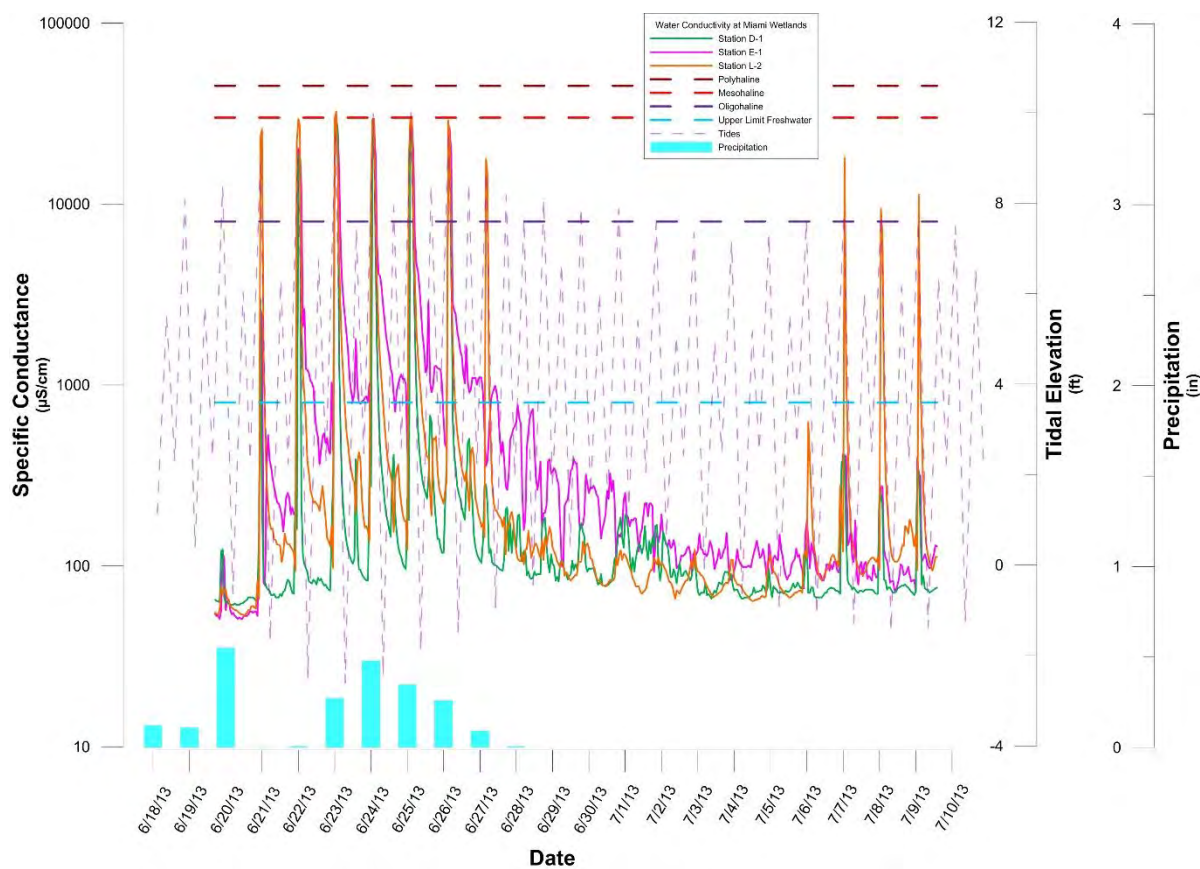
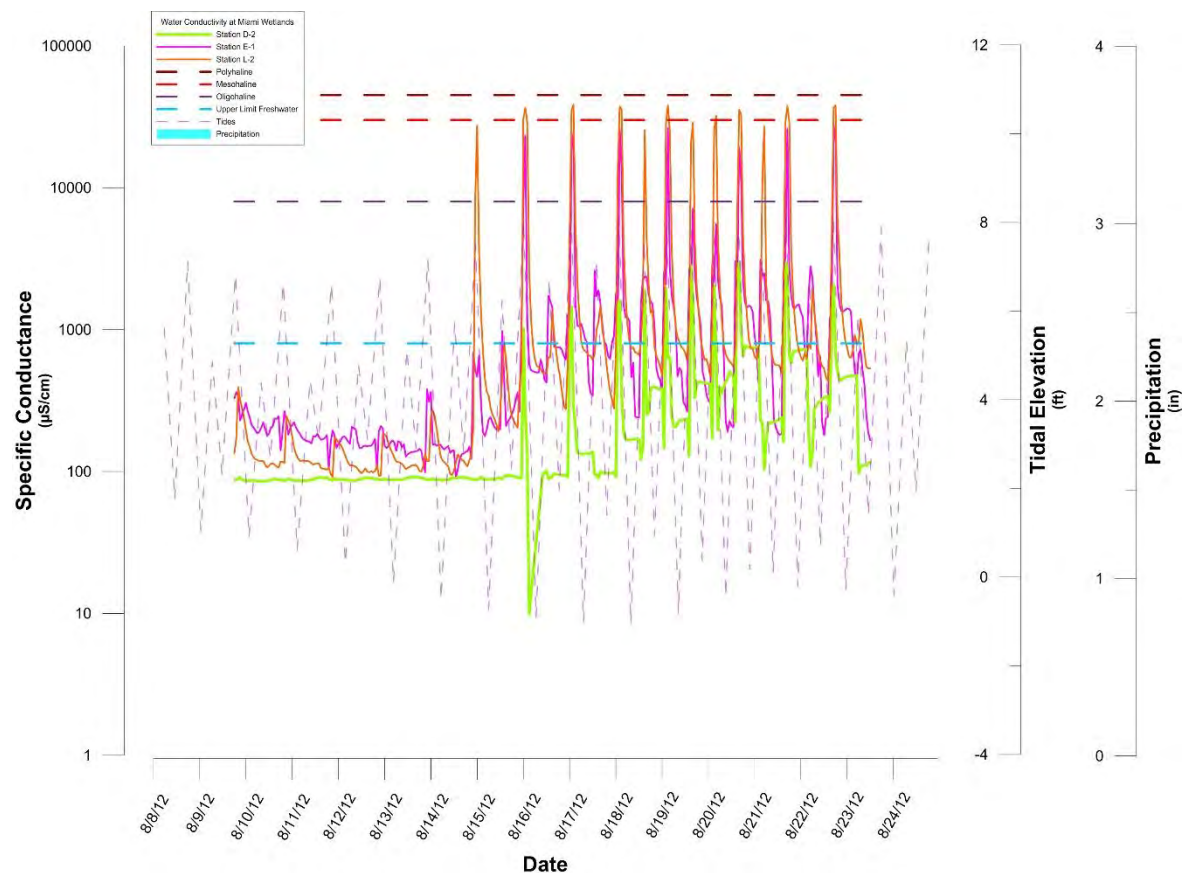


Figure D2. continued

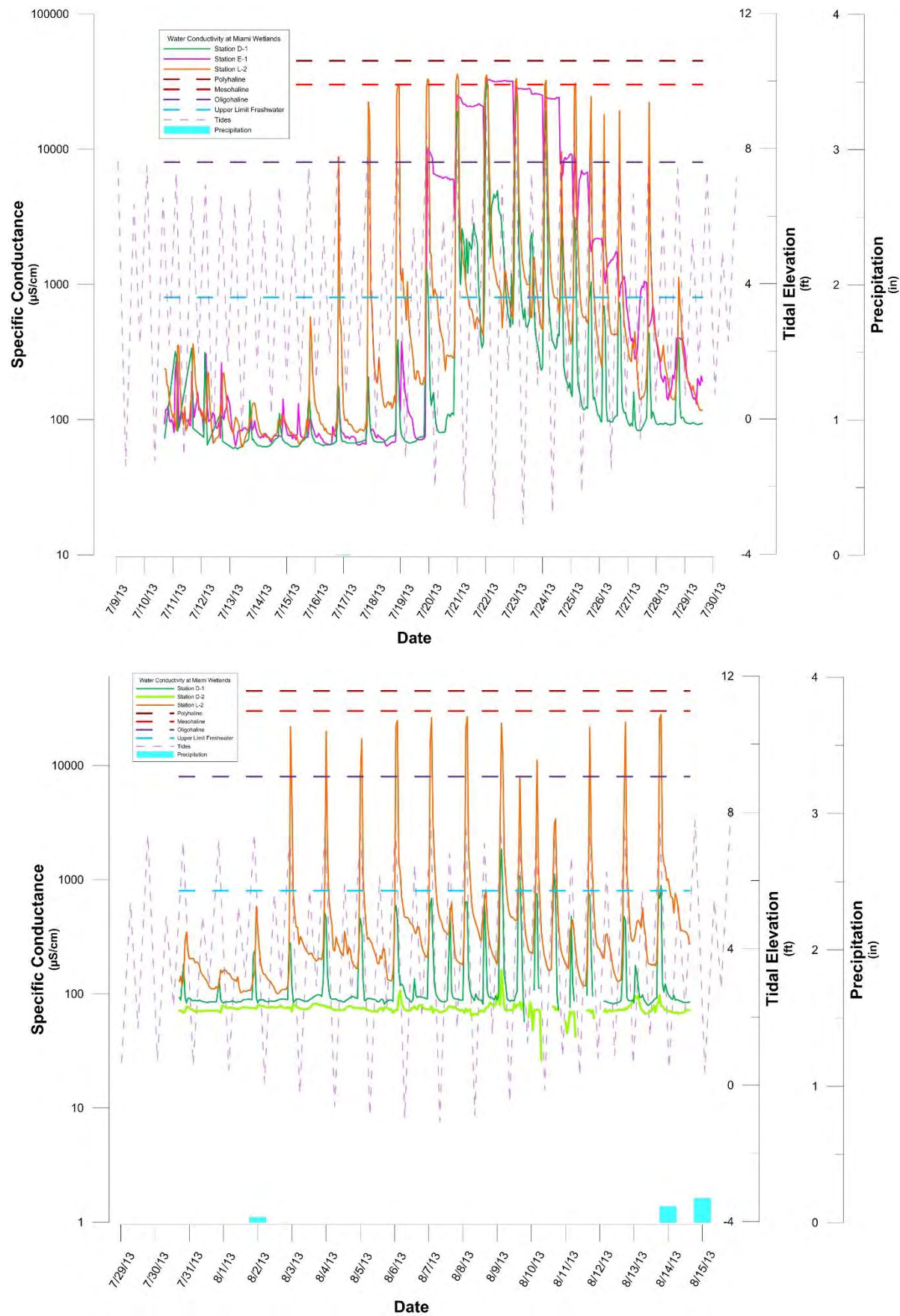




Figure D2. continued

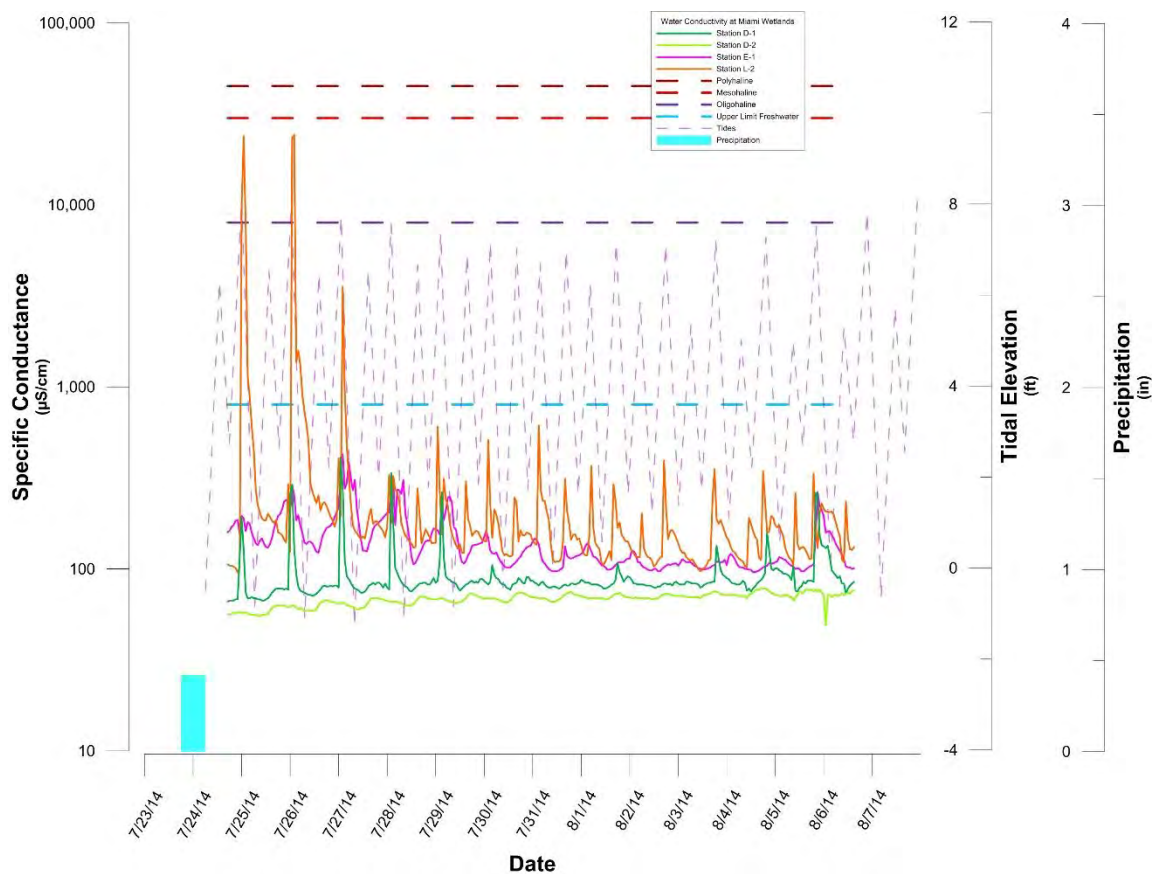
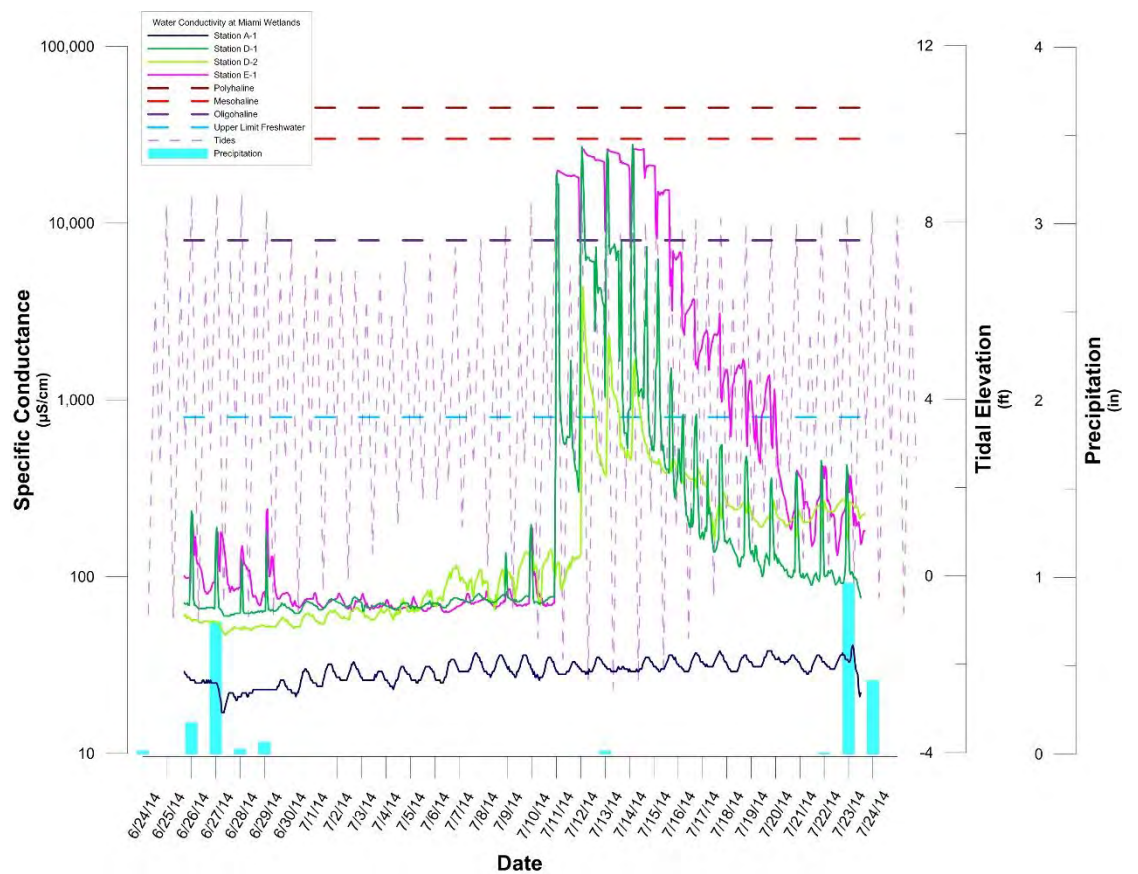


Figure D2. continued

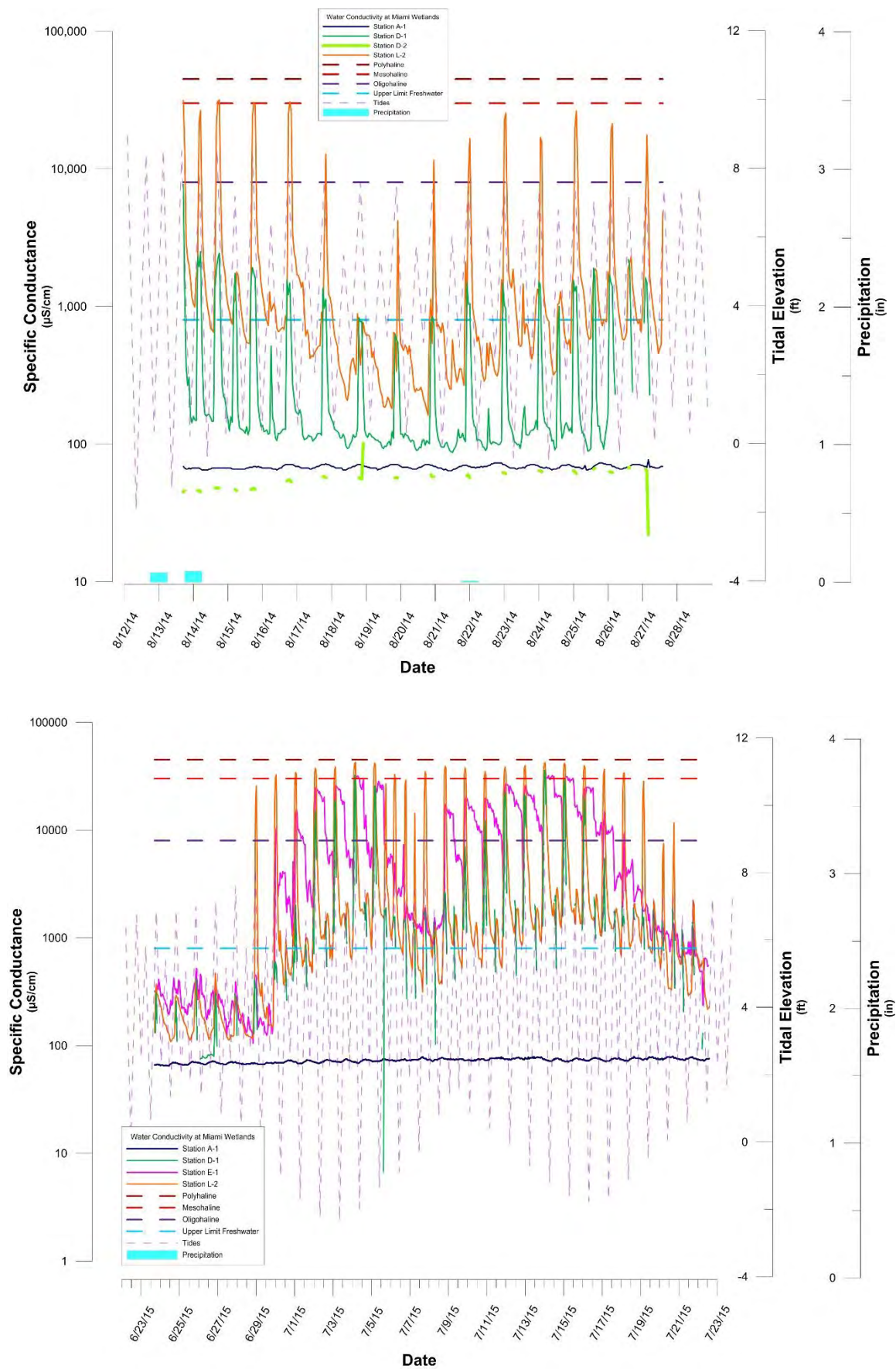




Figure D2. continued

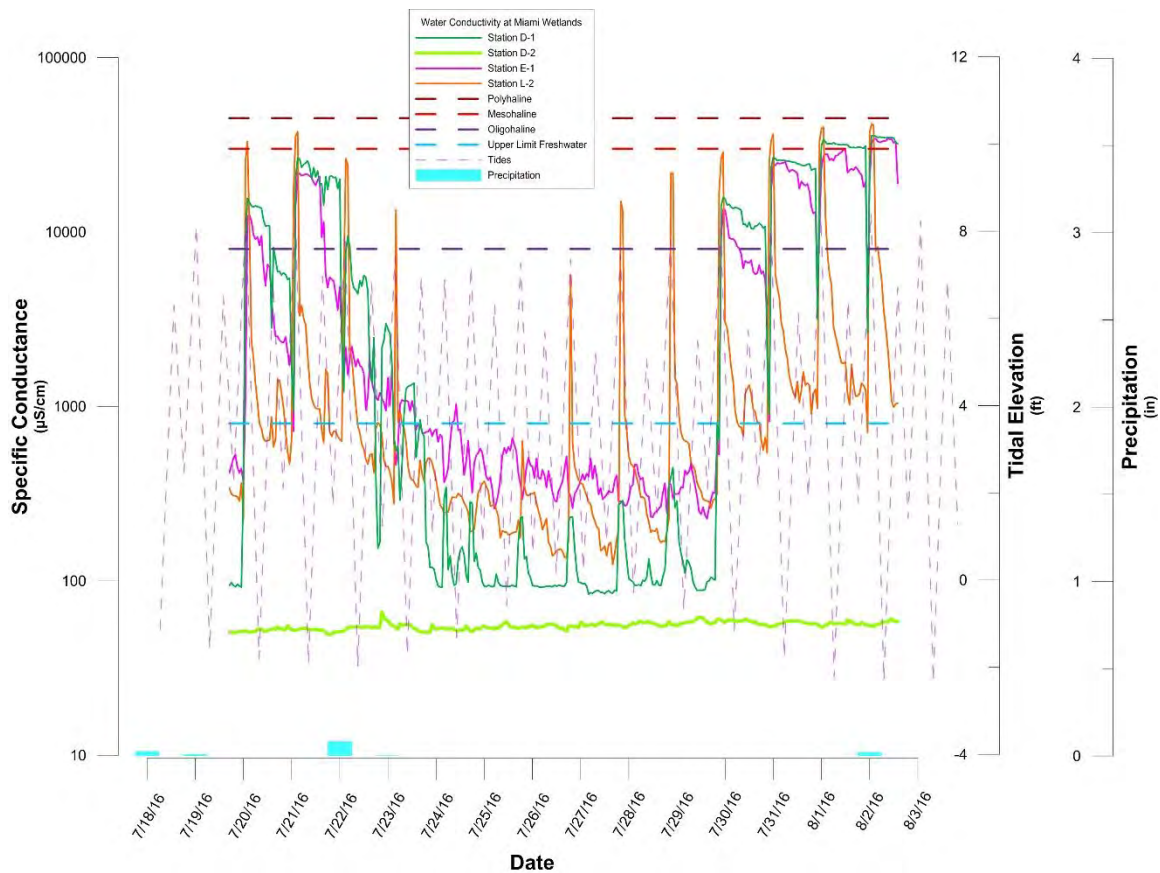
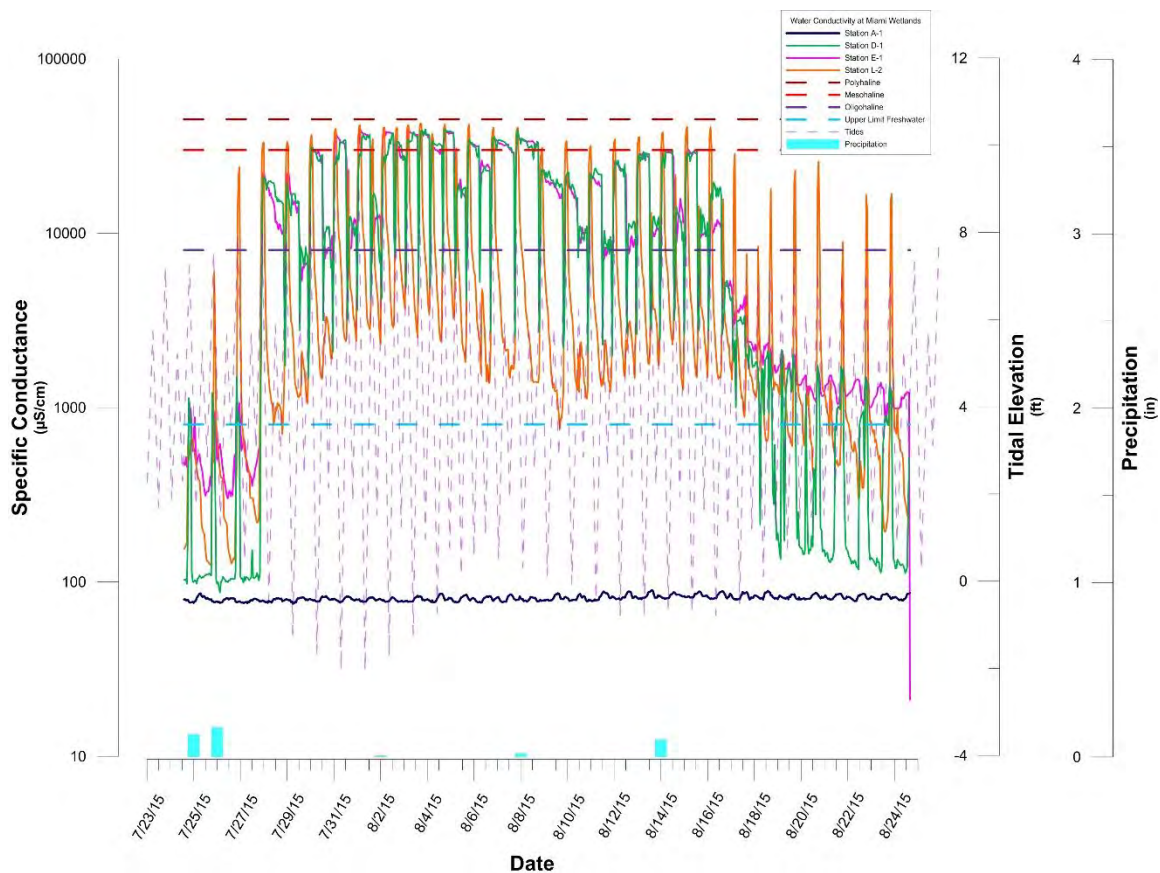




Figure D3. Graphs depicting post-restoration specific conductance levels in constructed channels at the Miami Wetlands during fall 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

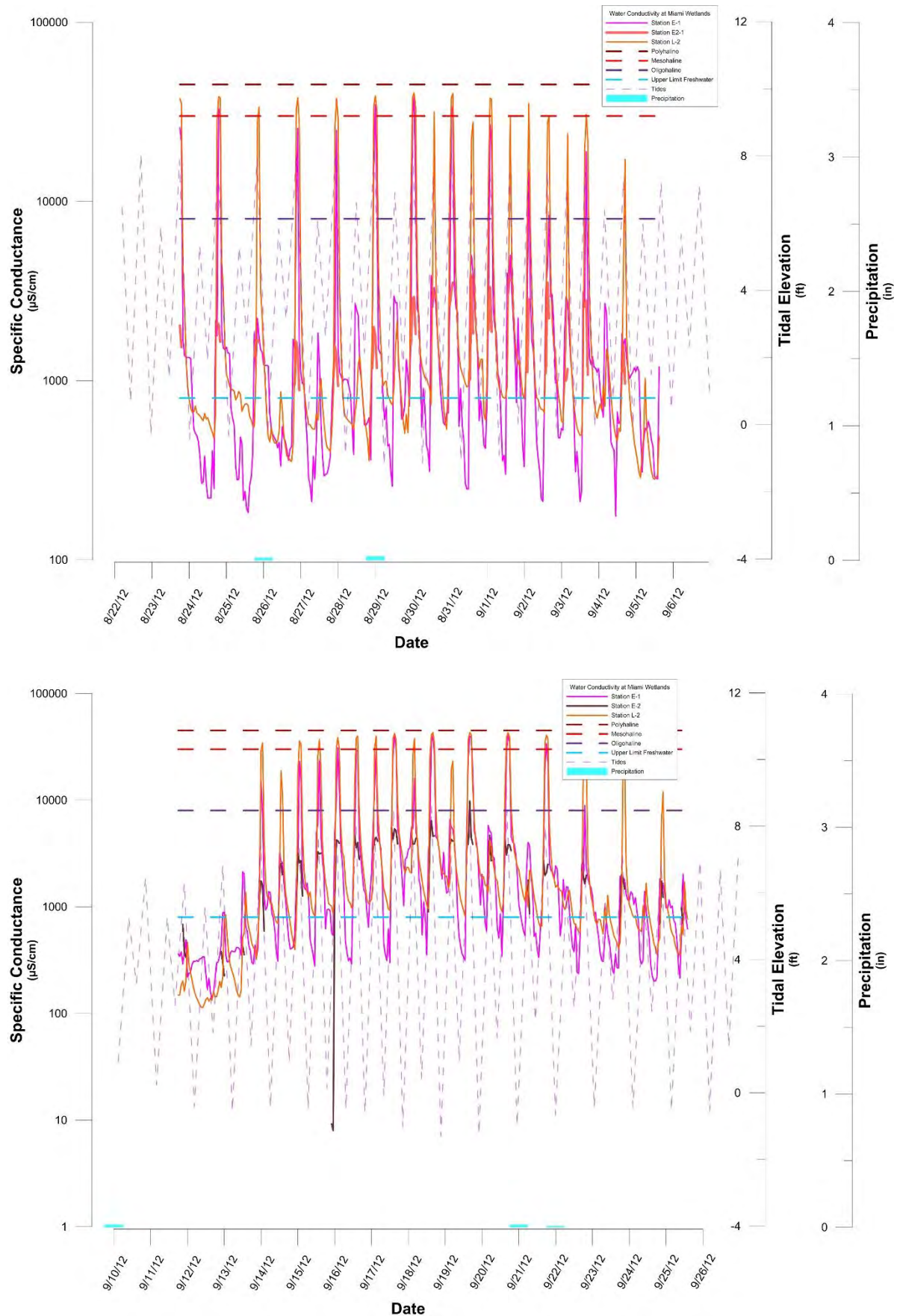


Figure D3. continued

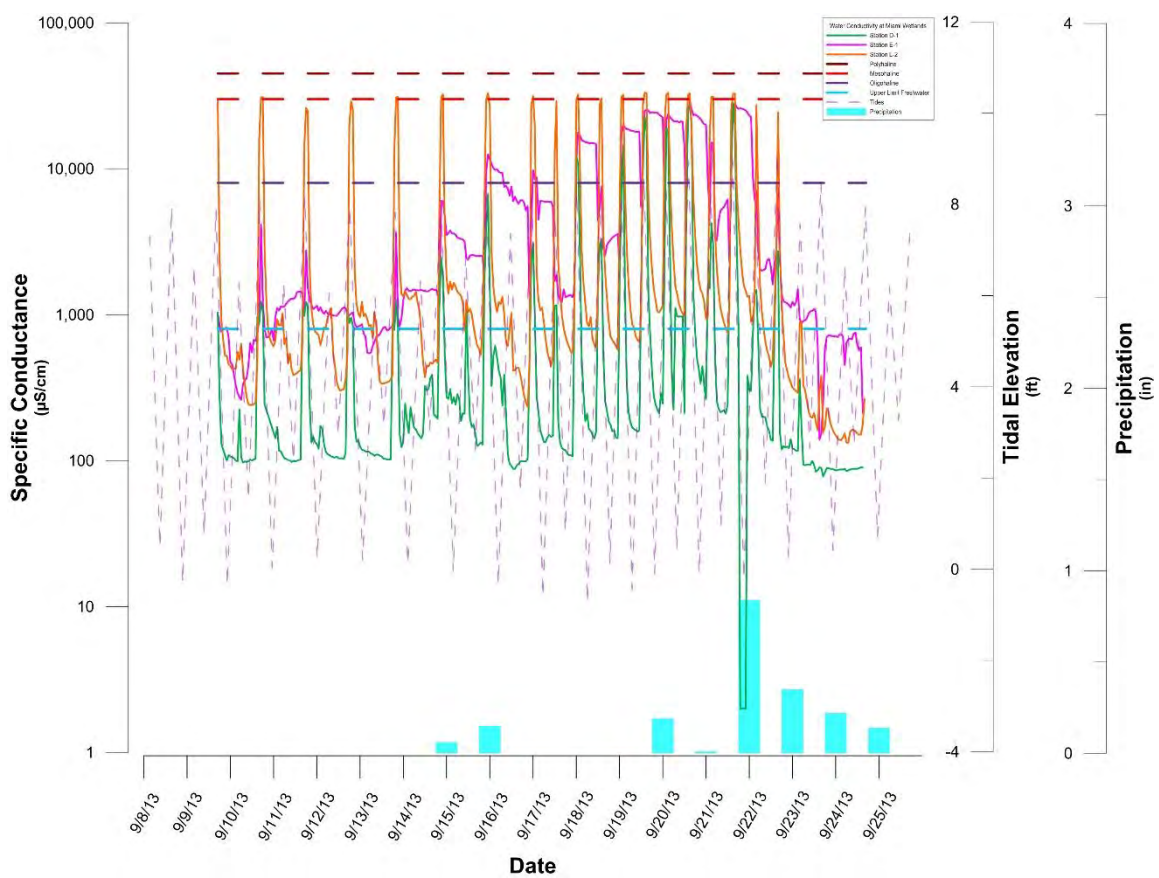
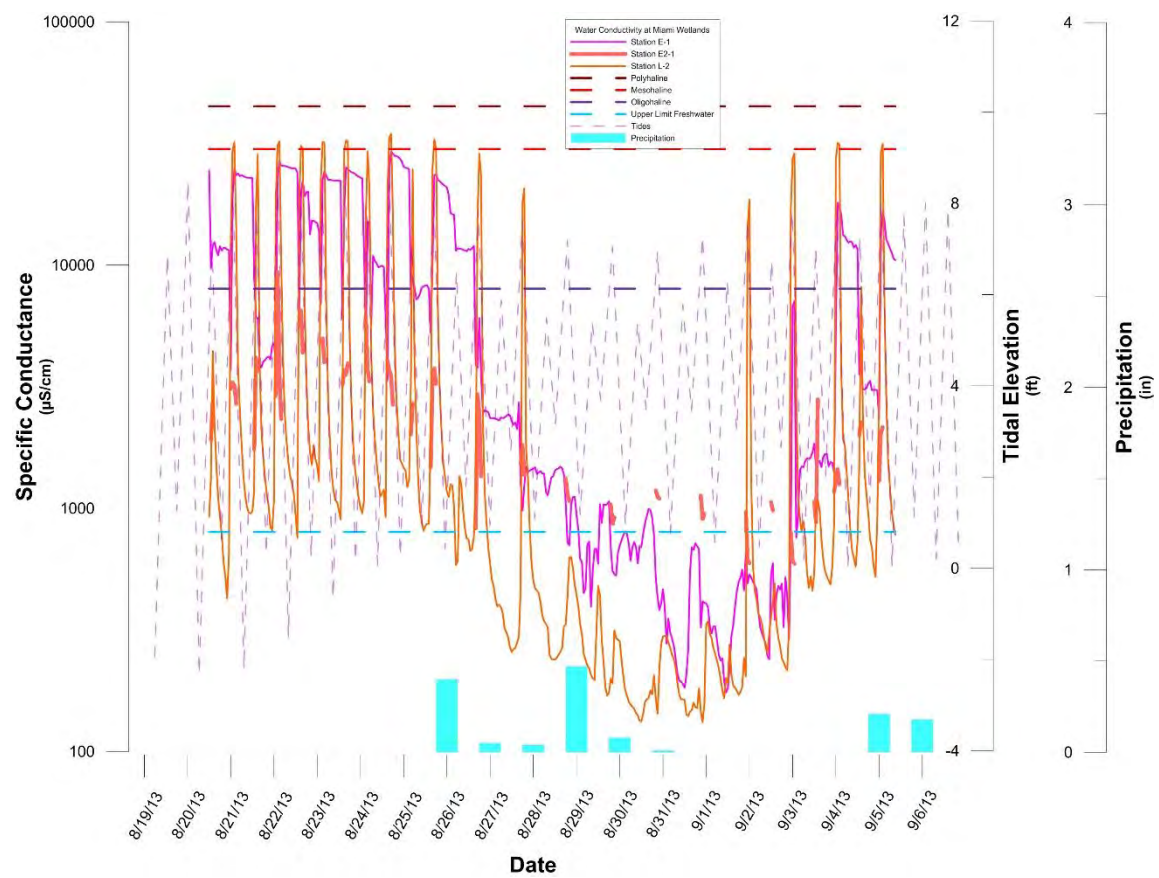


Figure D3. continued

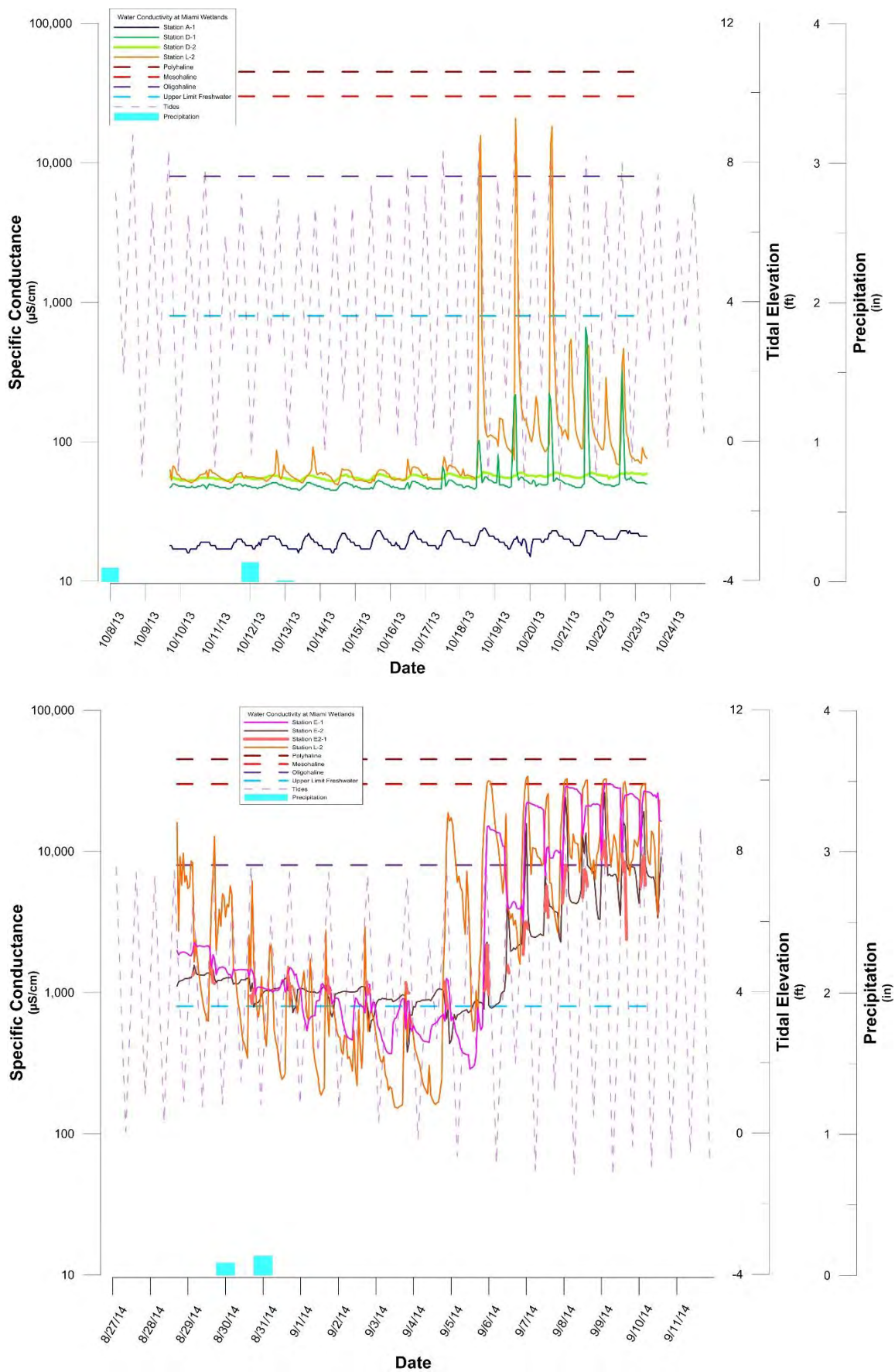




Figure D3. continued

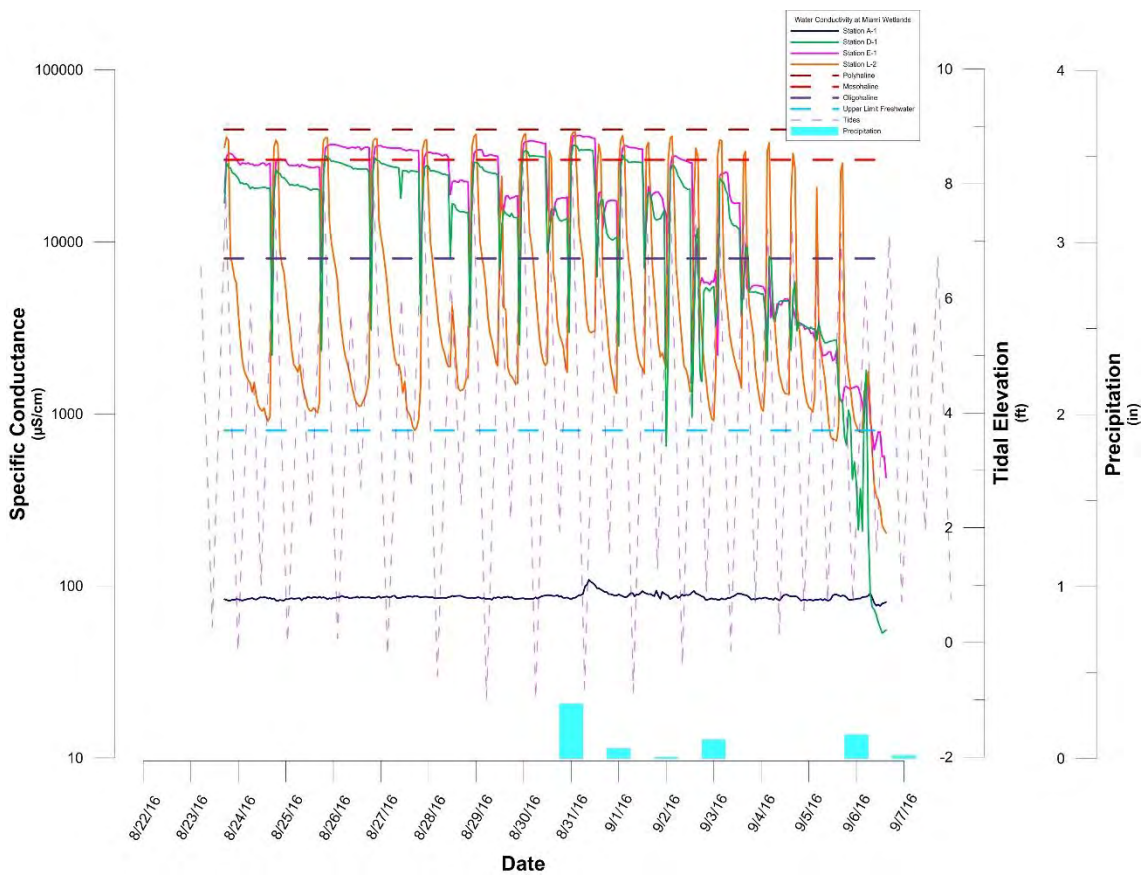
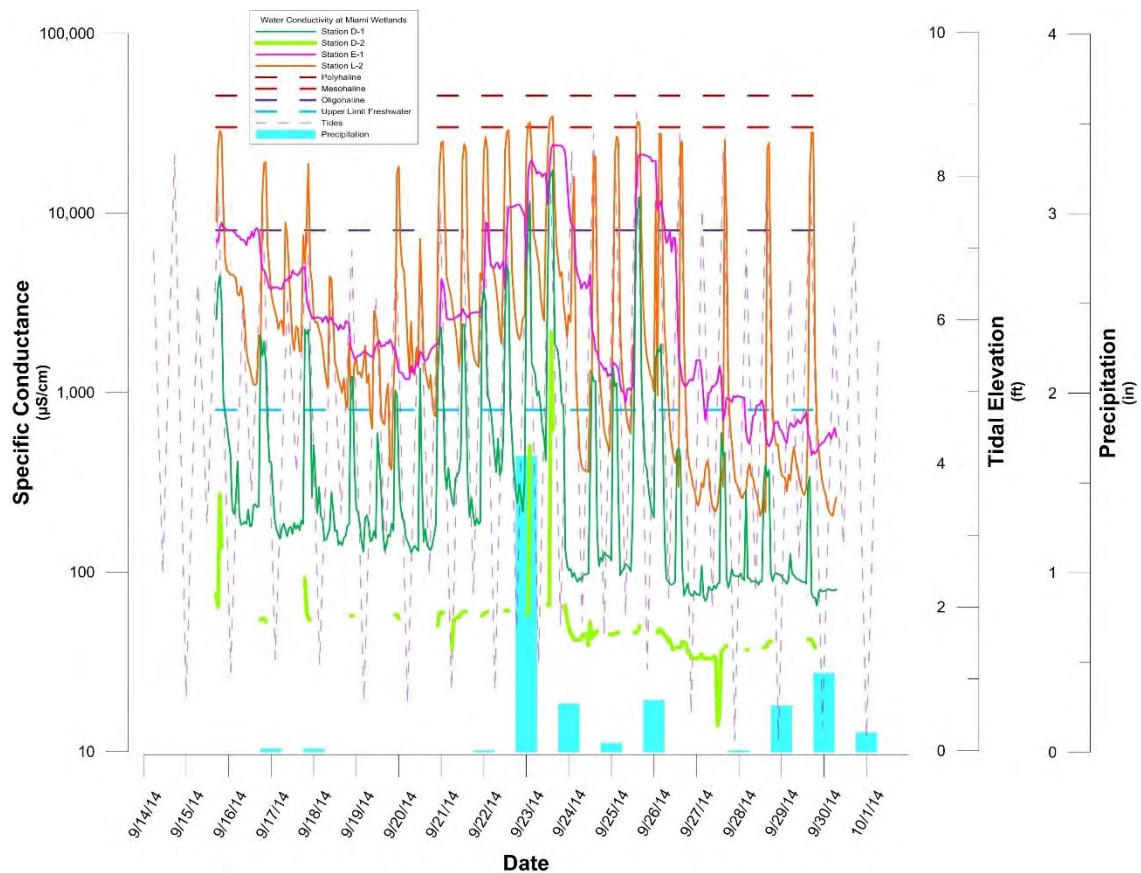


Figure D4. Graphs depicting post-restoration specific conductance levels in constructed channels at the Miami Wetlands during winter 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

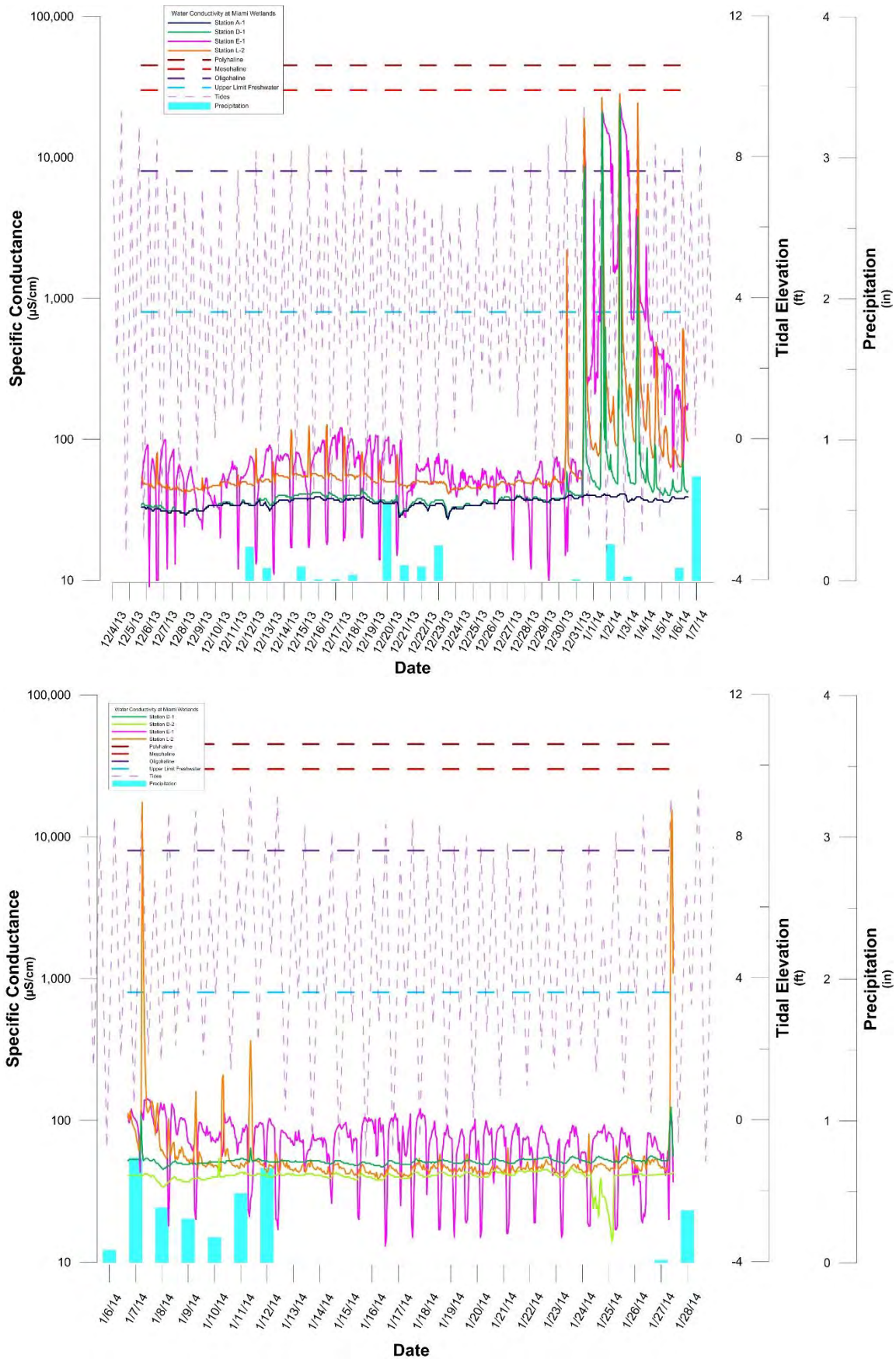
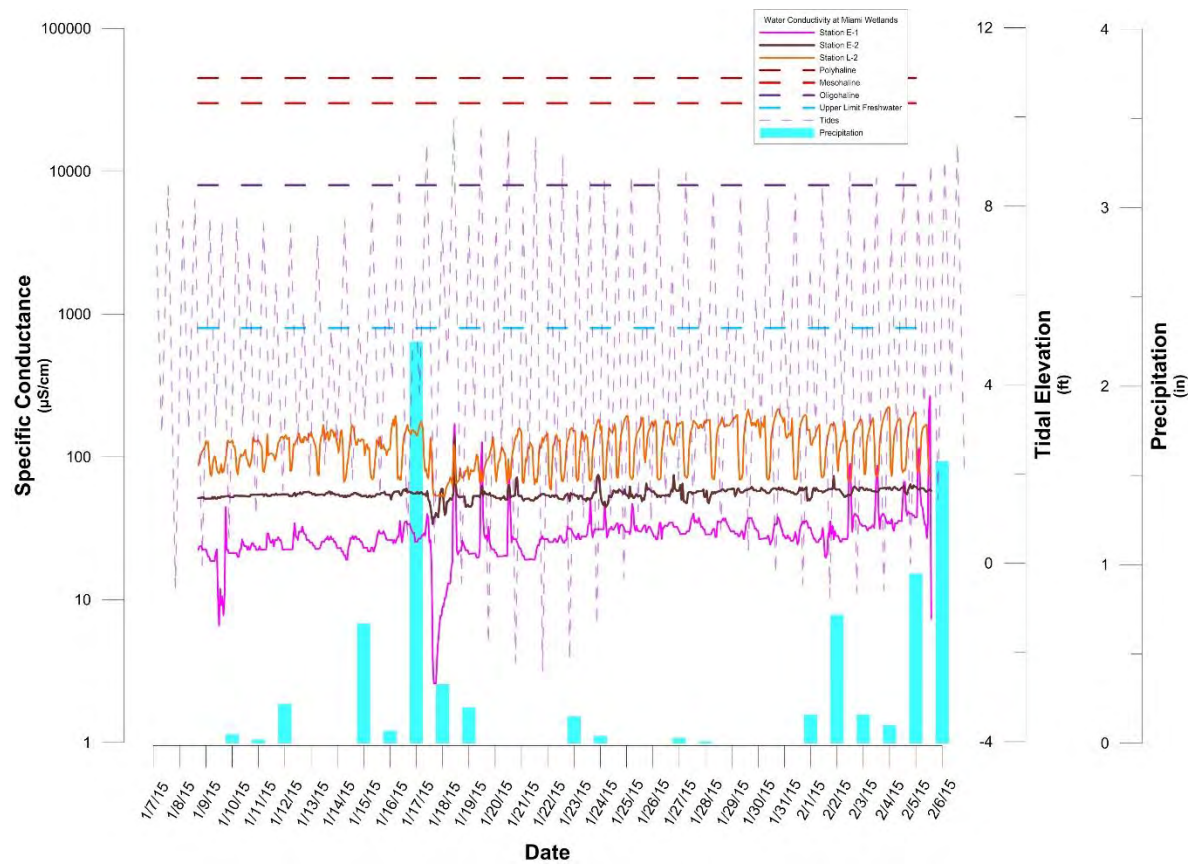


Figure D4. continued





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## **Appendix E**

Graphs depicting post-restoration dissolved oxygen levels for water in constructed channels at the Miami Wetlands

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Figure E1. Graphs depicting post-restoration dissolved oxygen levels in constructed channels at the Miami Wetlands during spring 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

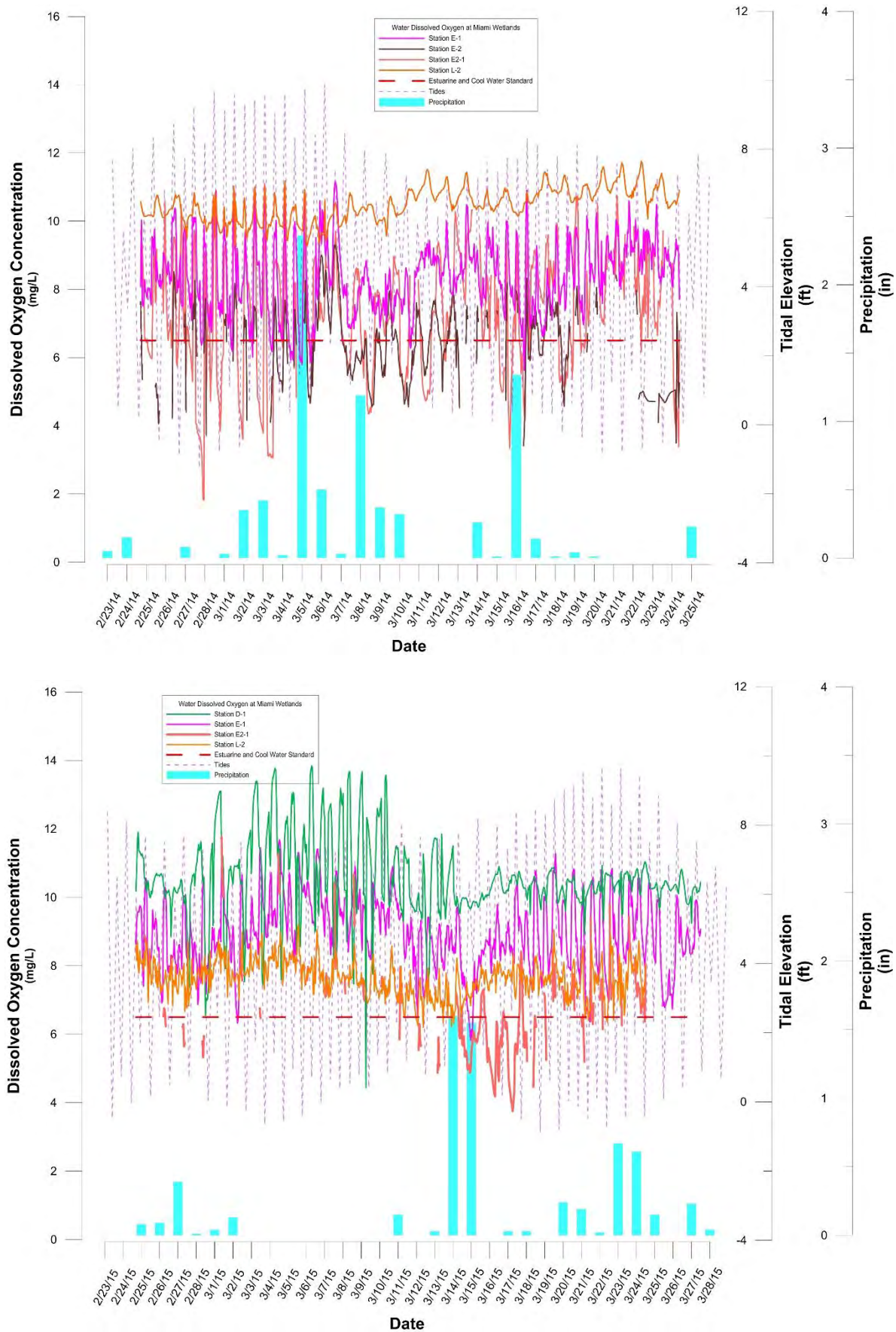


Figure E1. continued

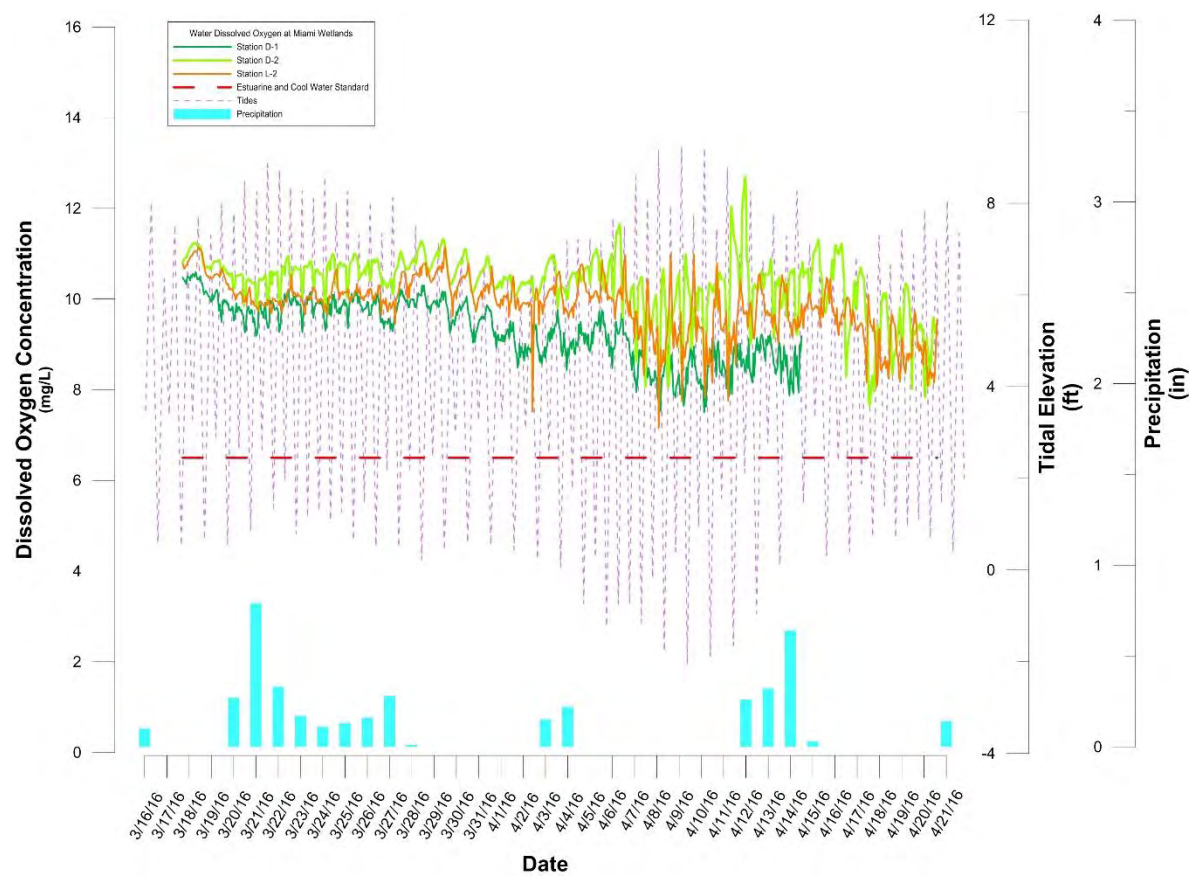




Figure E2. Graphs depicting post-restoration dissolved oxygen levels in constructed channels at the Miami Wetlands during summer 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

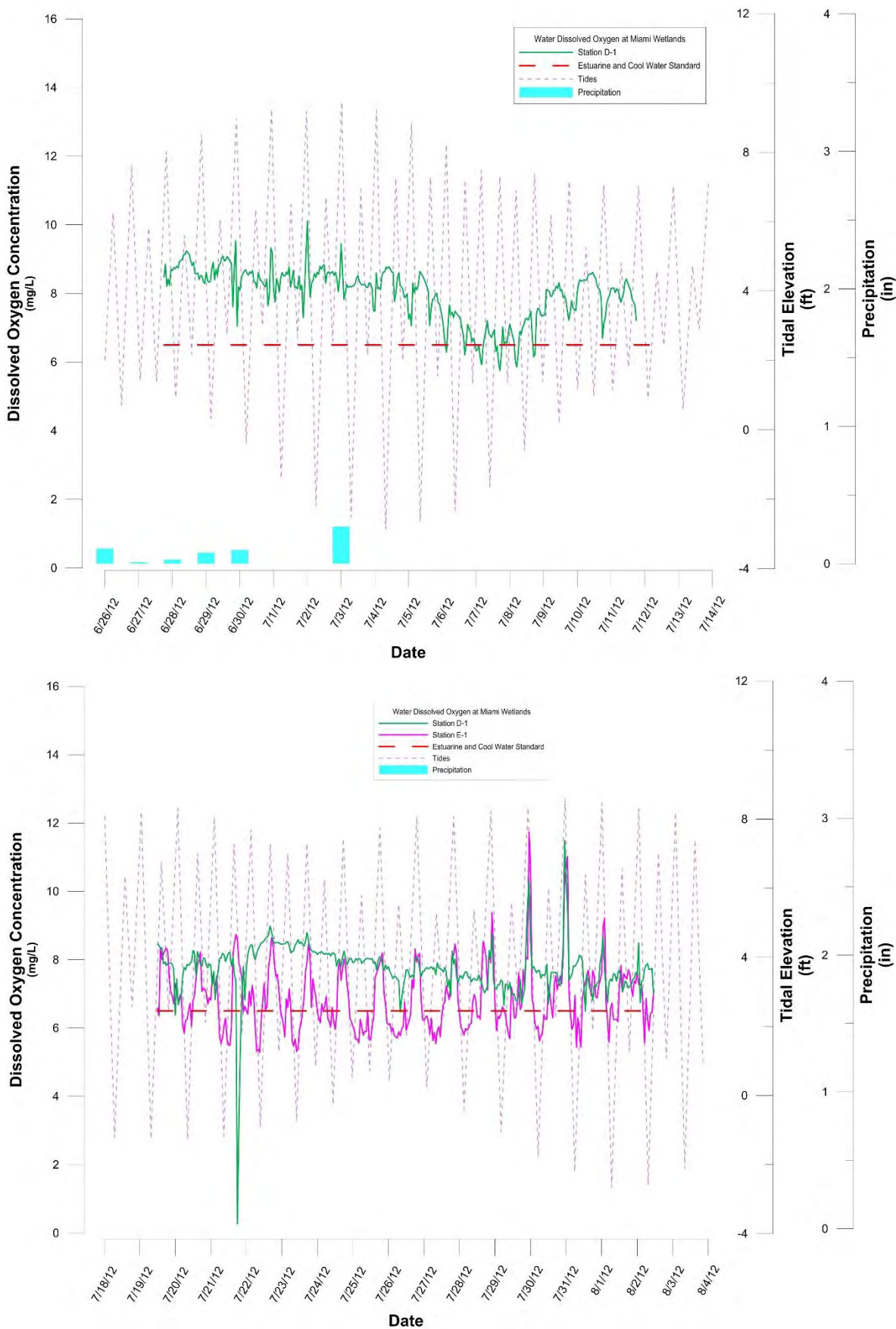


Figure E2. continued

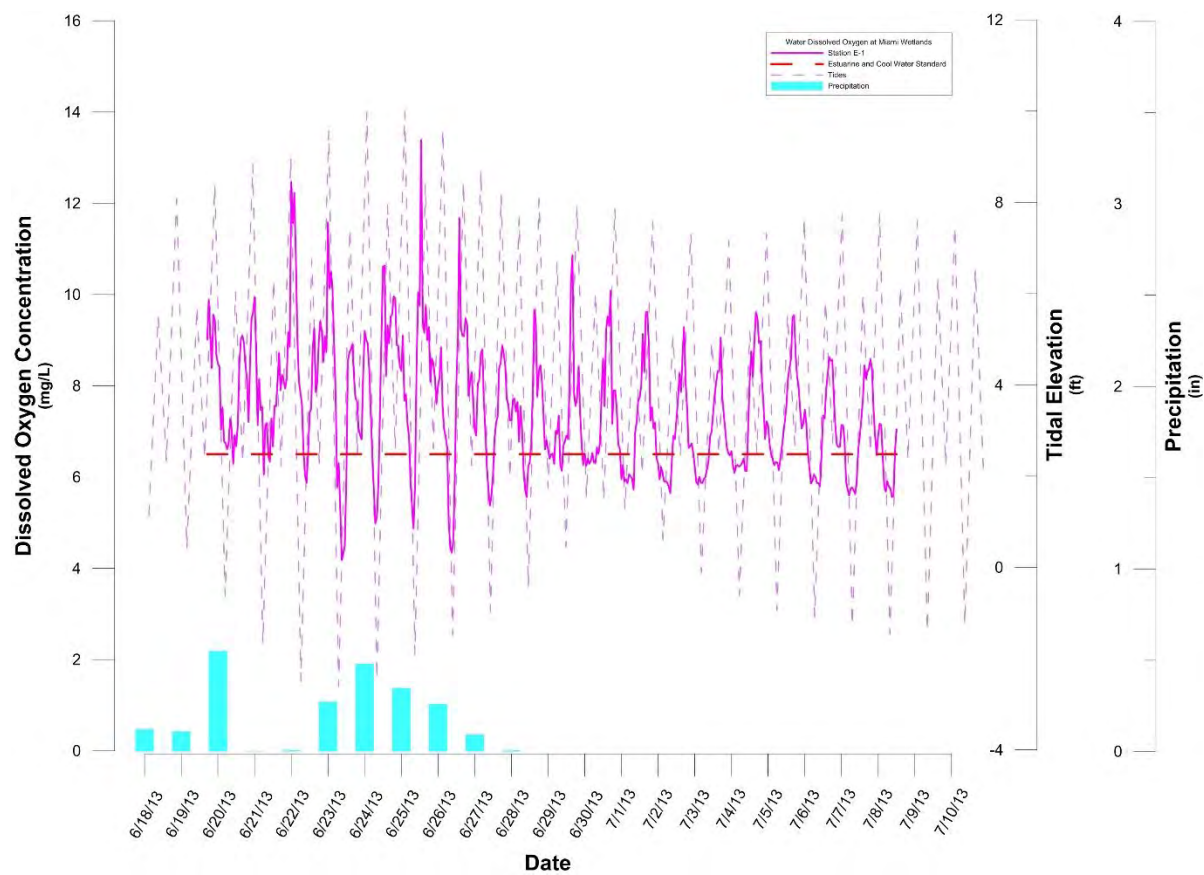
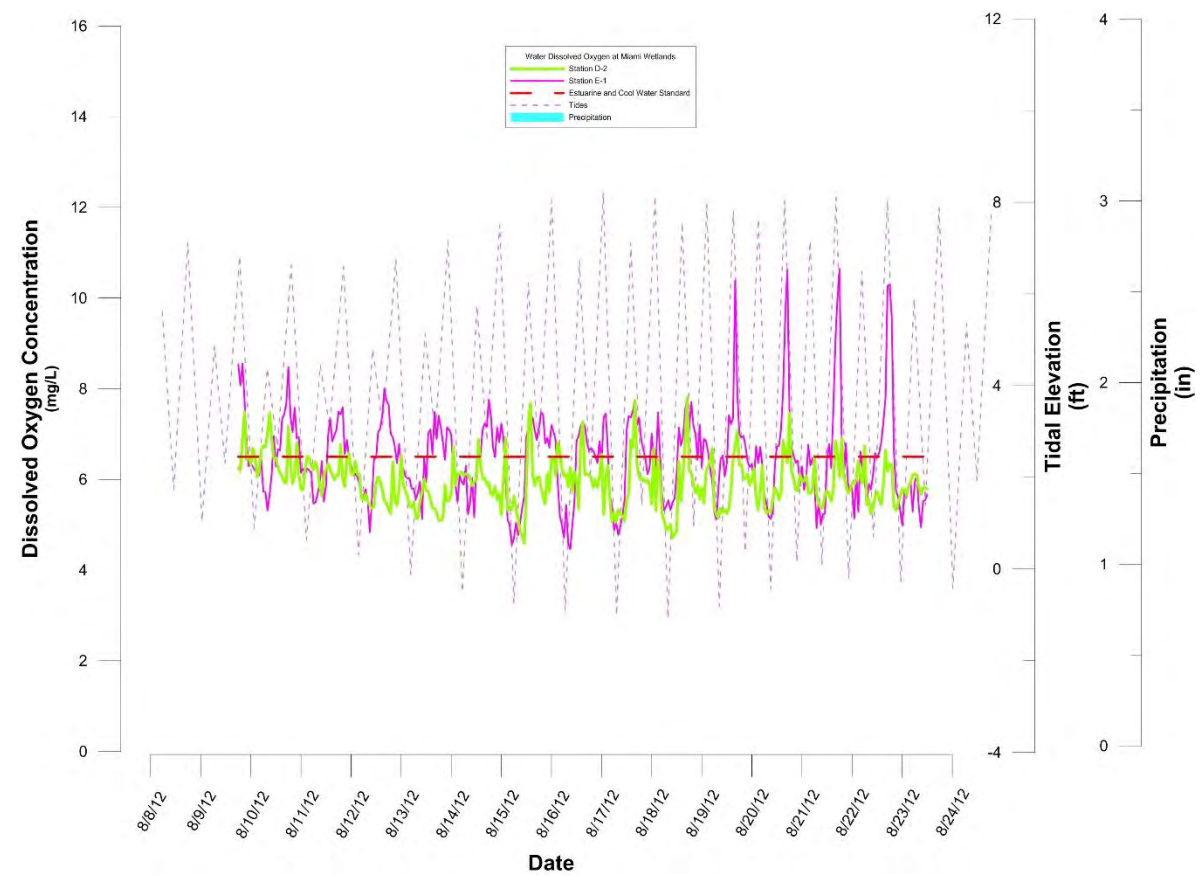


Figure E2. continued

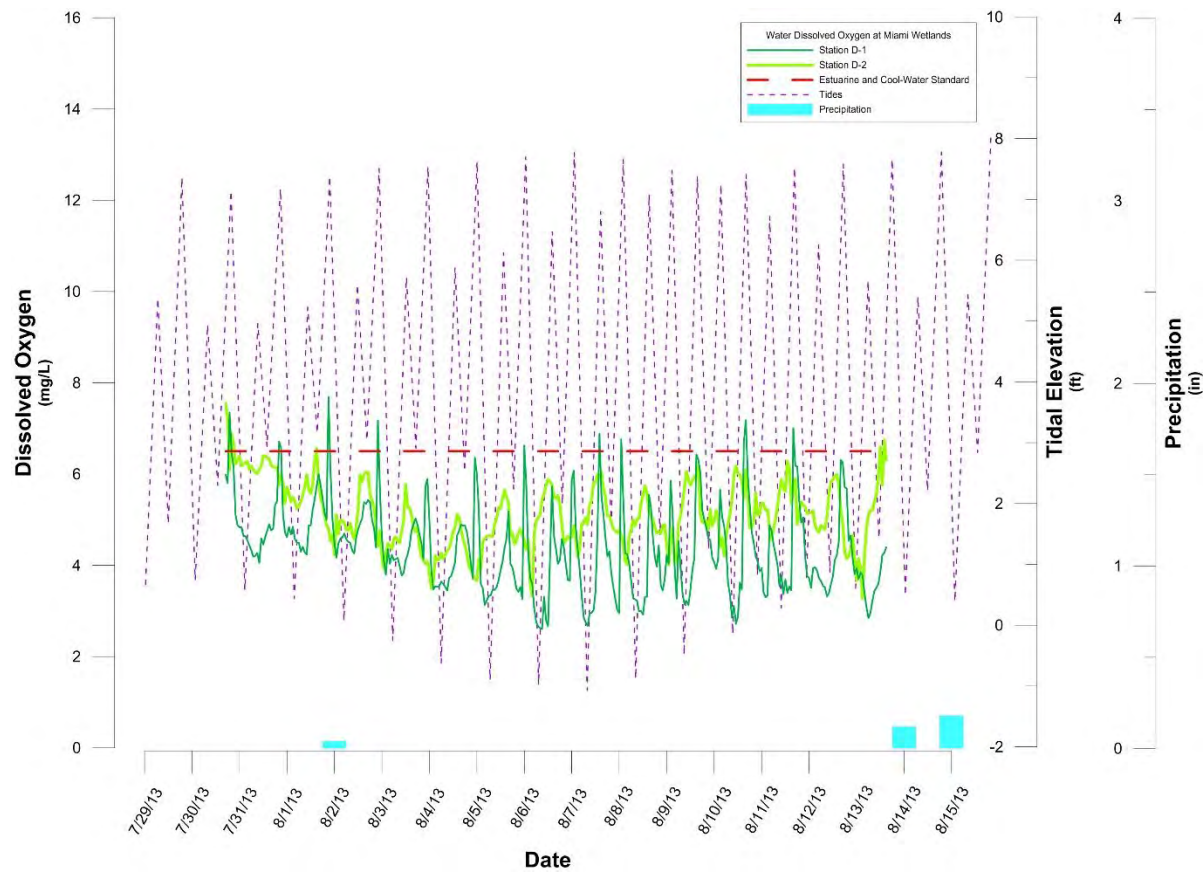
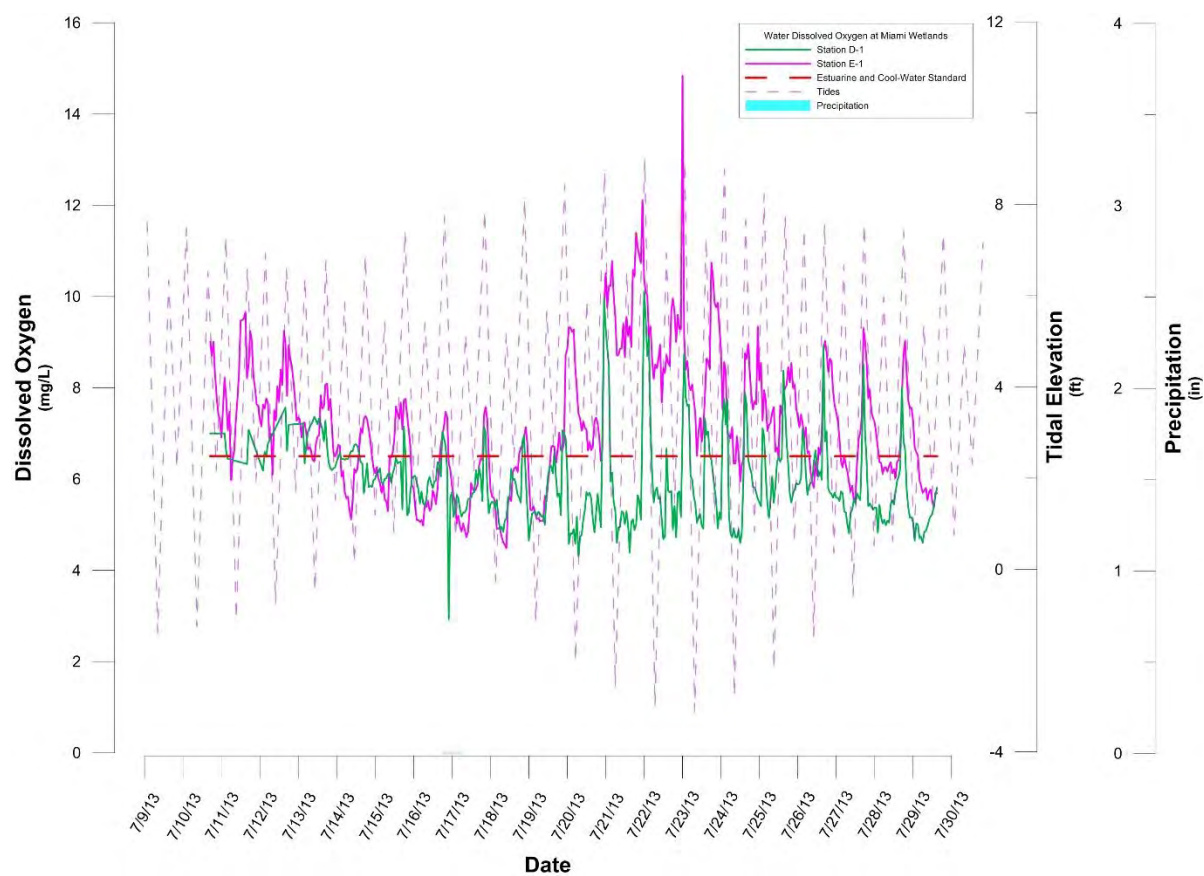




Figure E2. continued

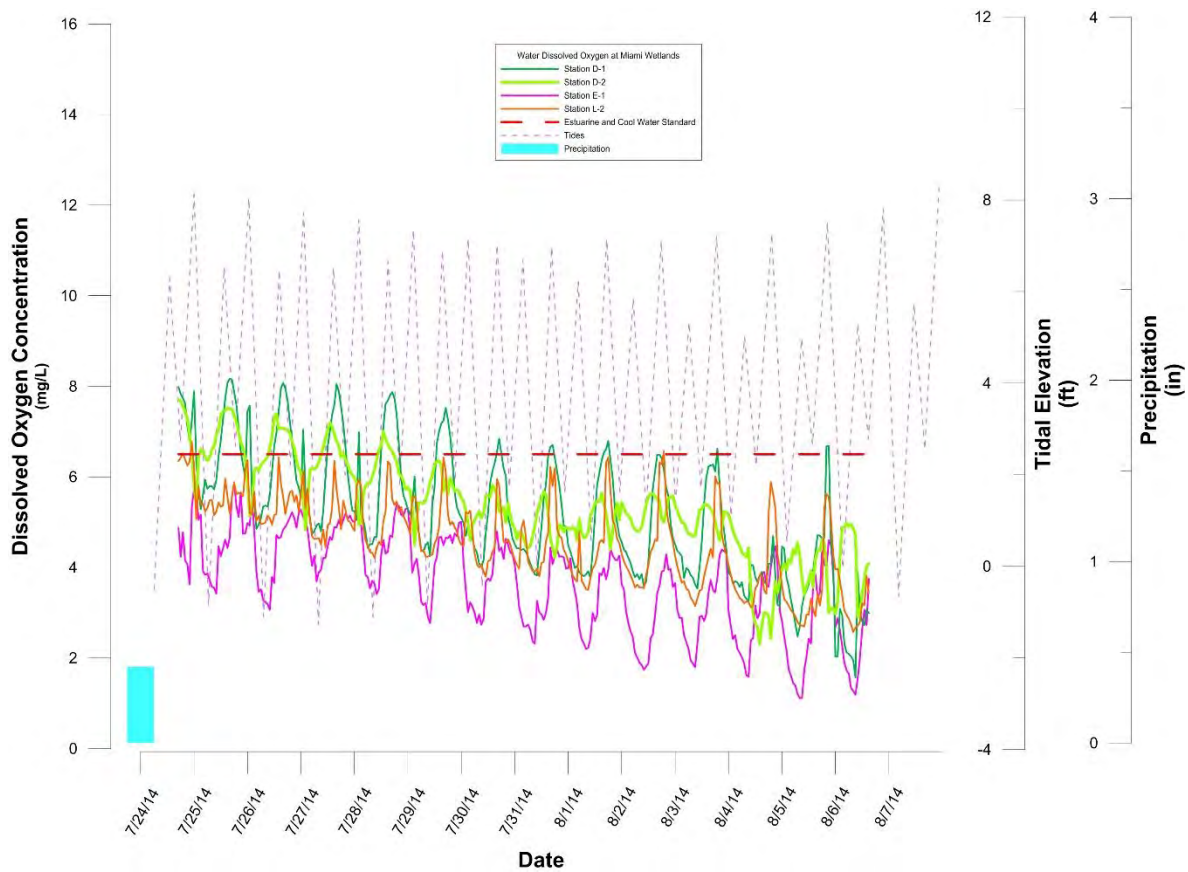
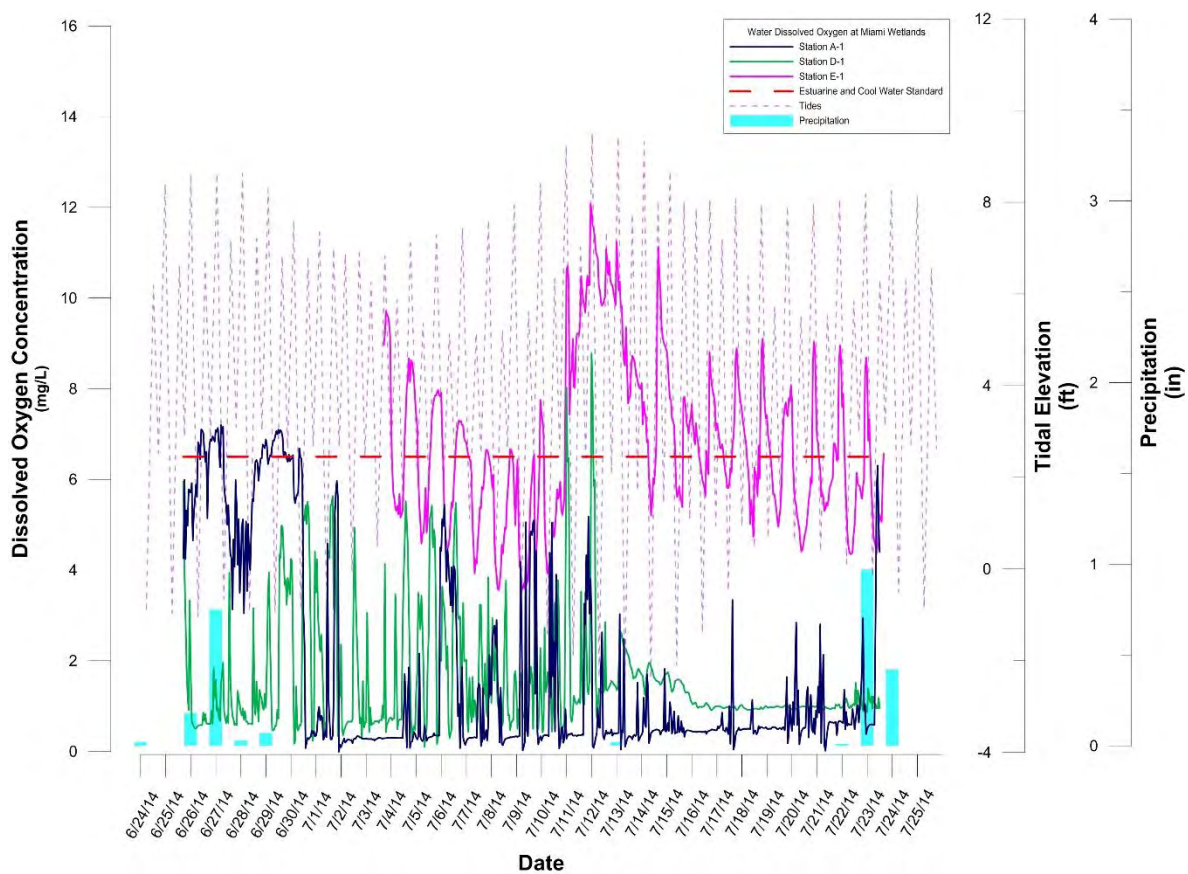


Figure E2. continued

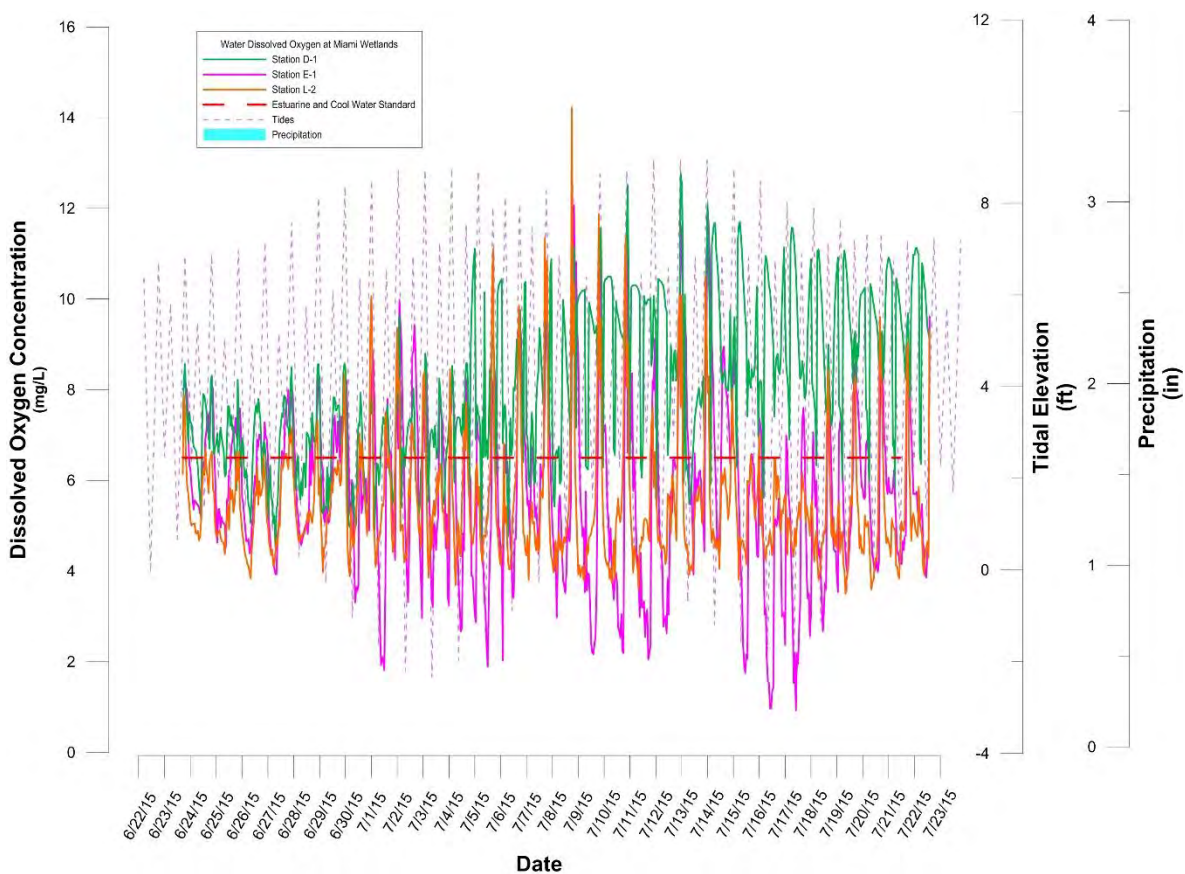
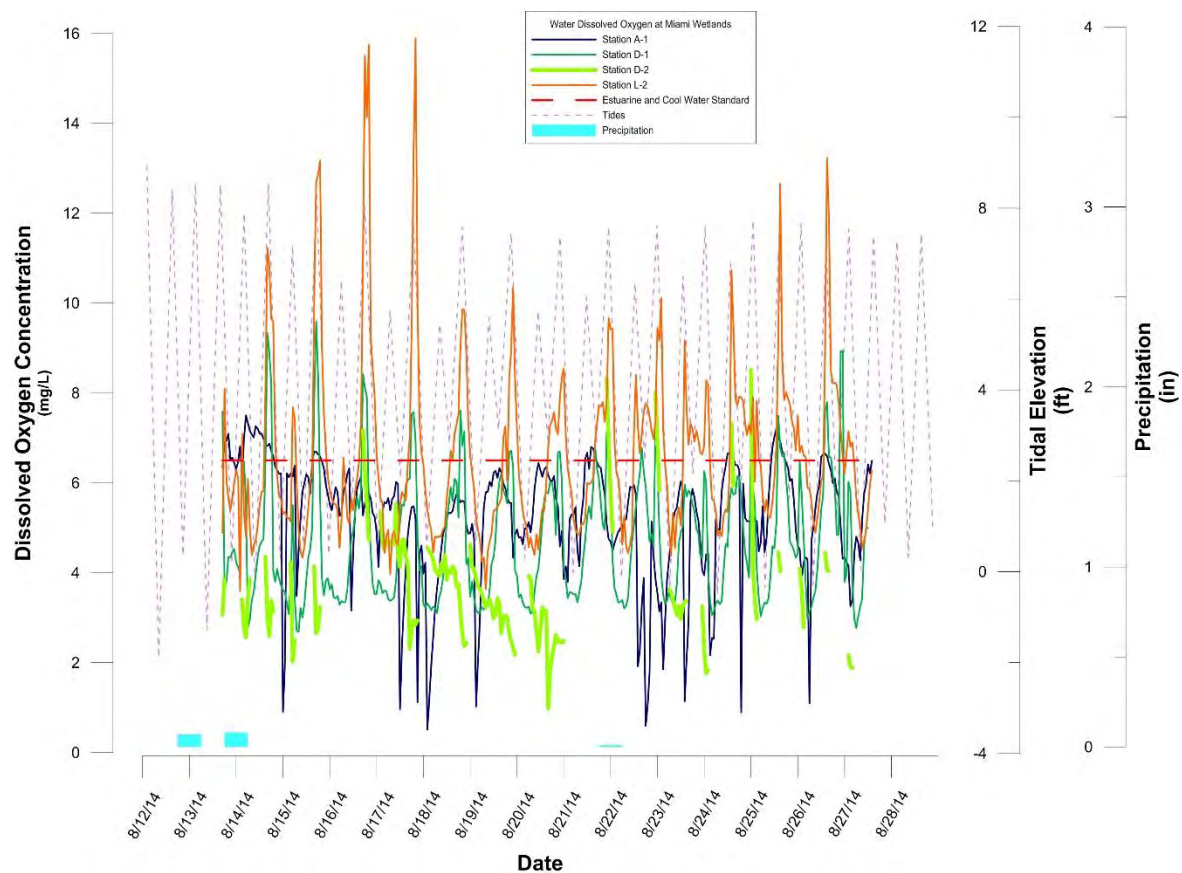




Figure E2. continued

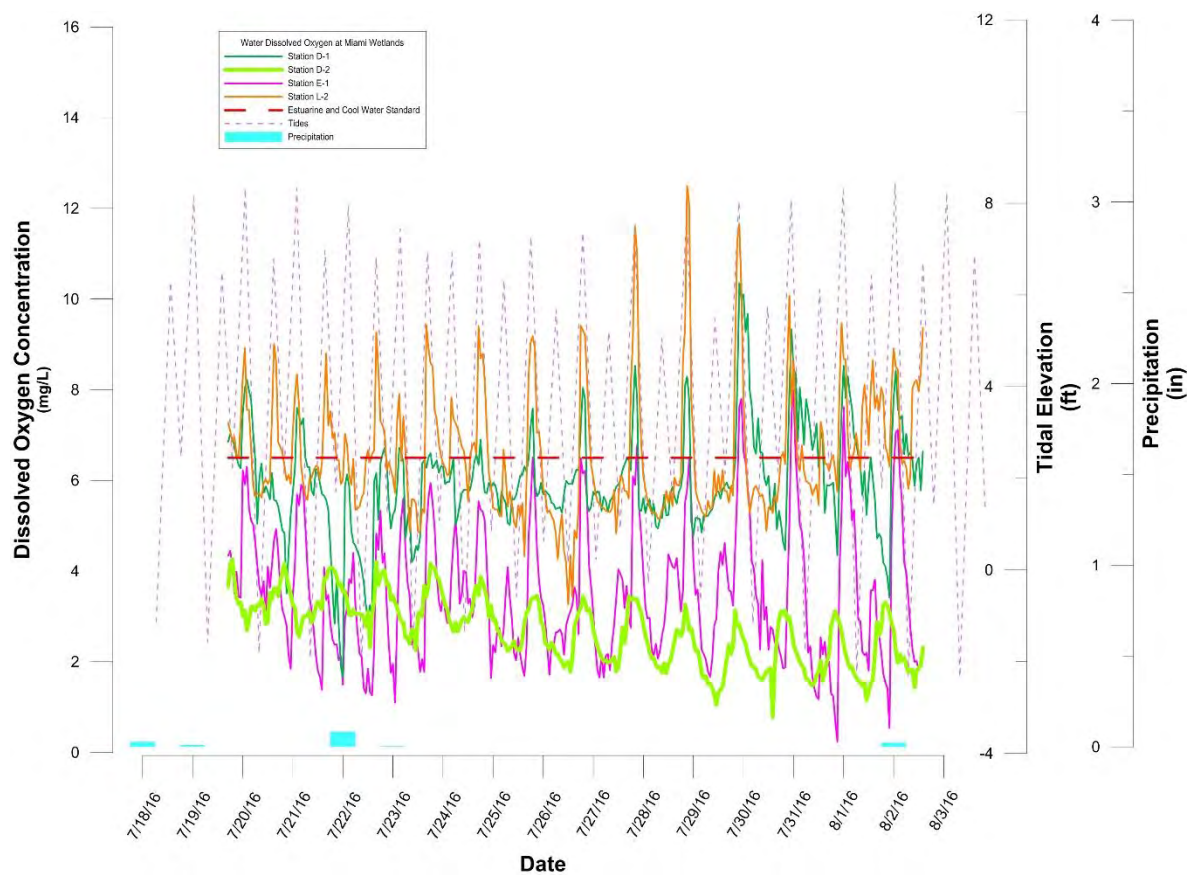
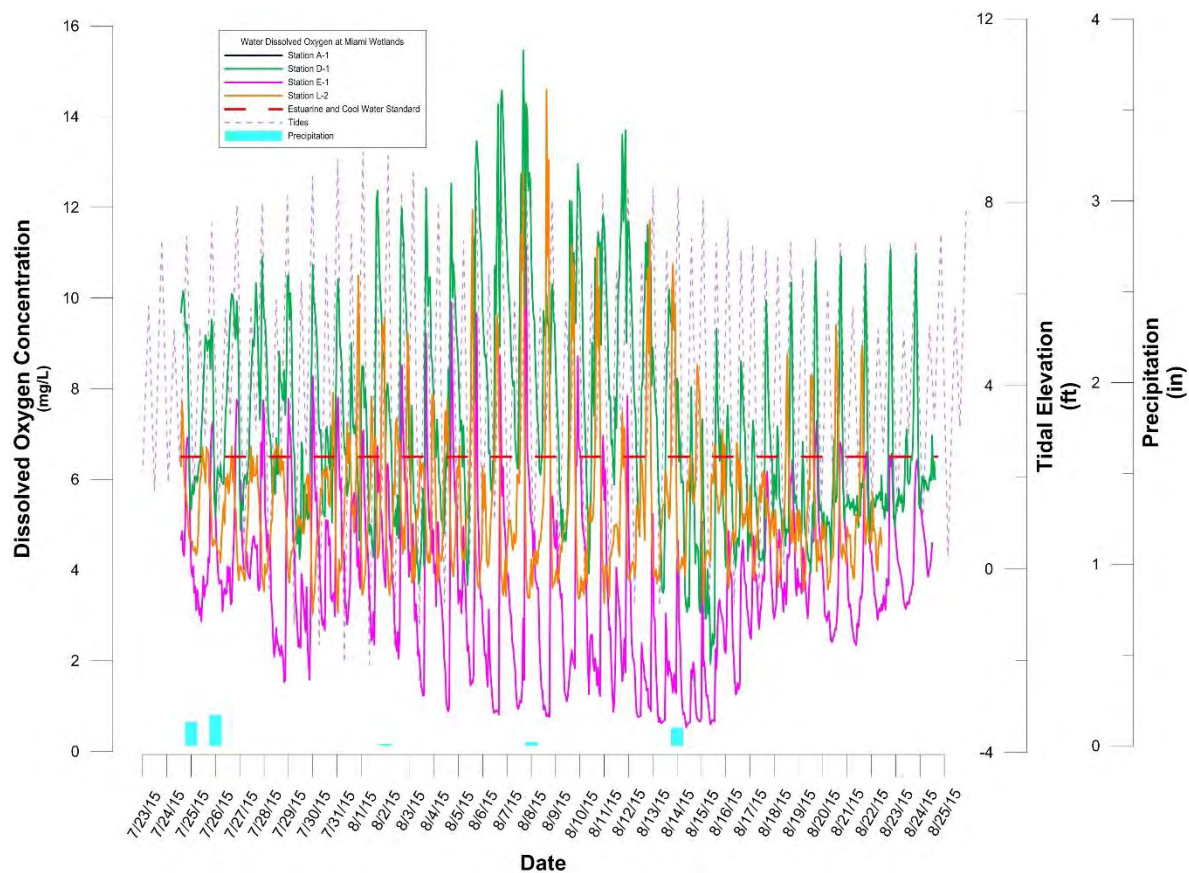




Figure E3. Graphs depicting post-restoration dissolved oxygen levels in constructed channels at the Miami Wetlands during fall 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

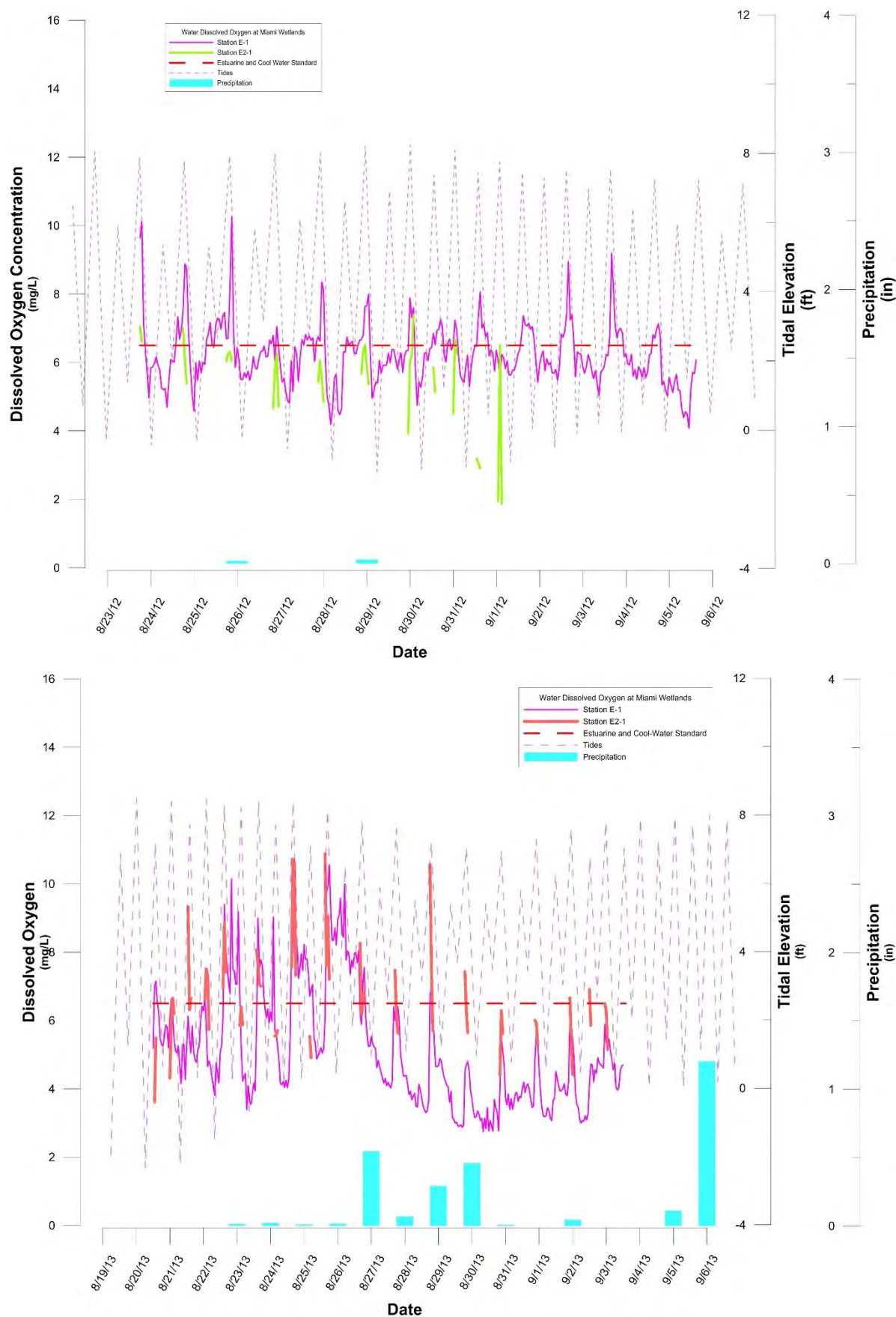


Figure E3. continued

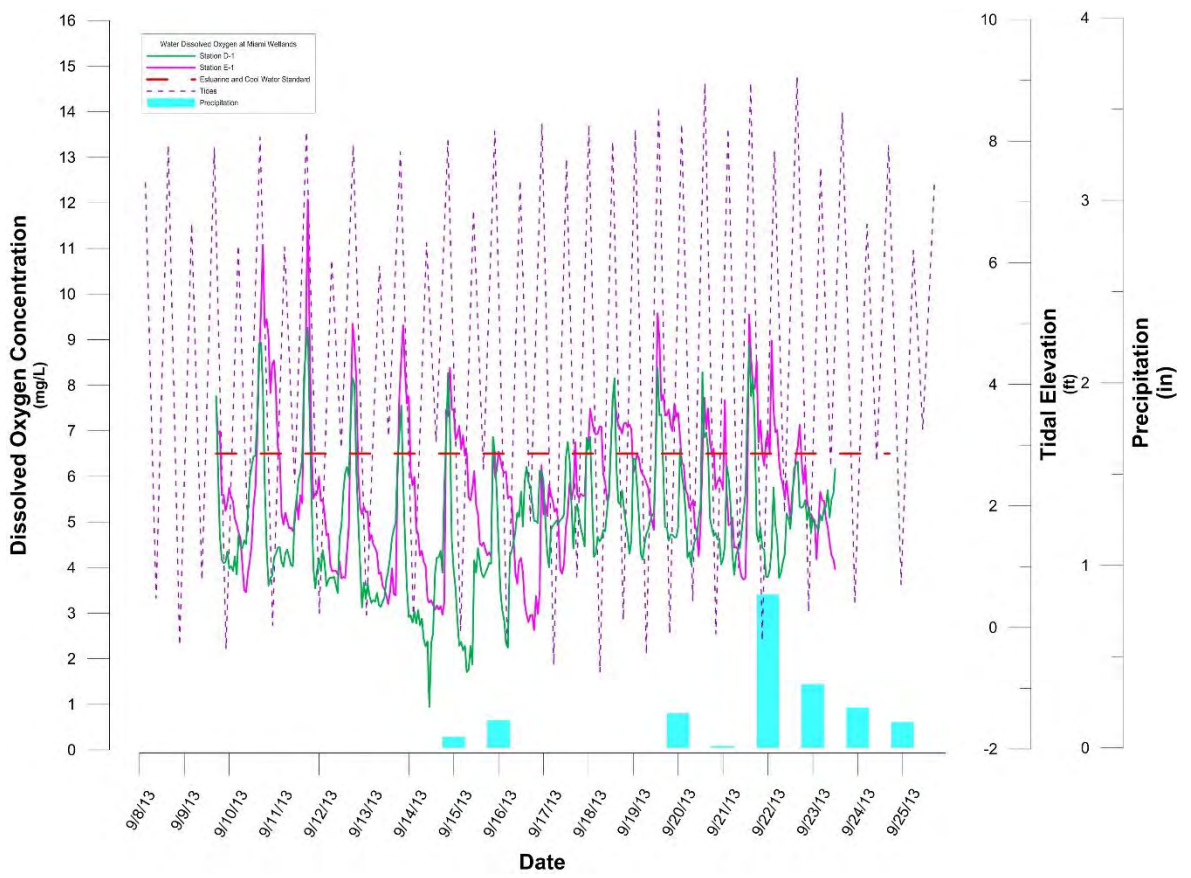
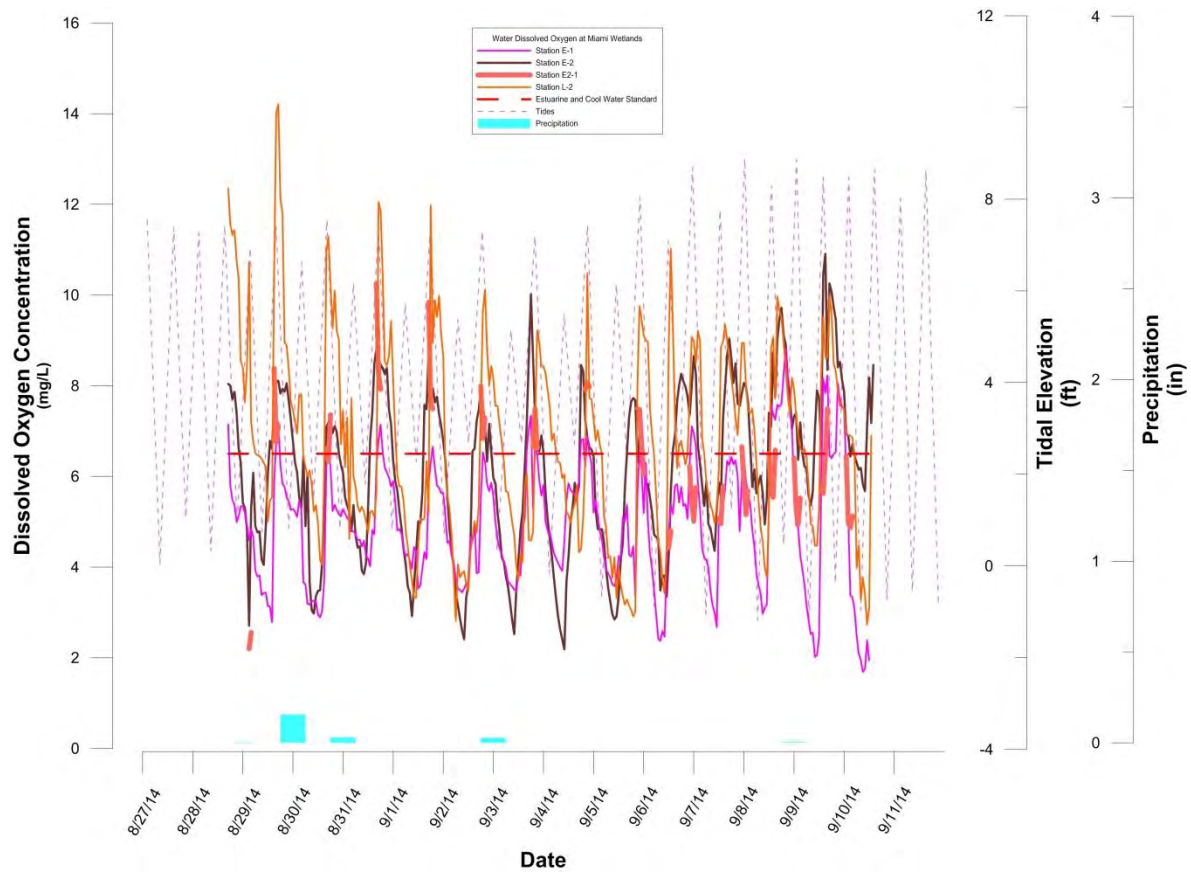


Figure E3. continued

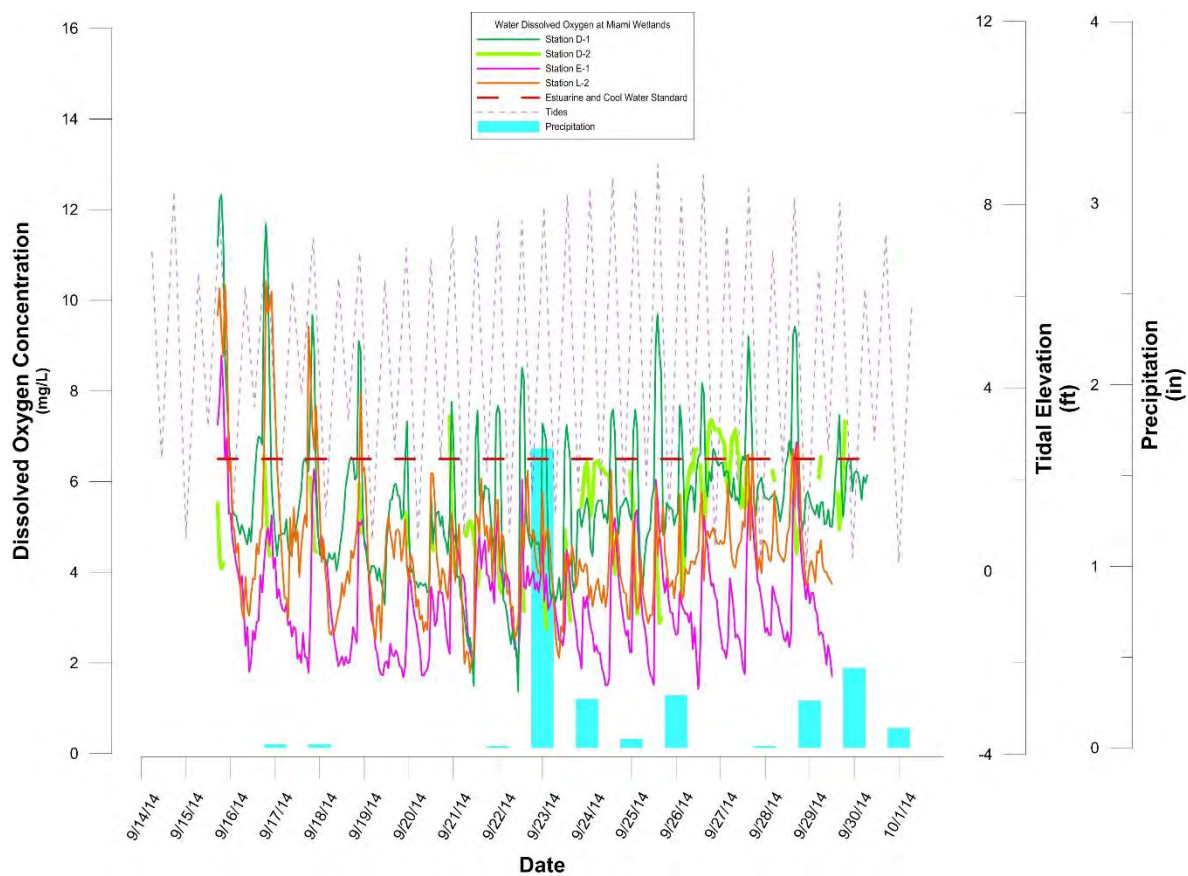
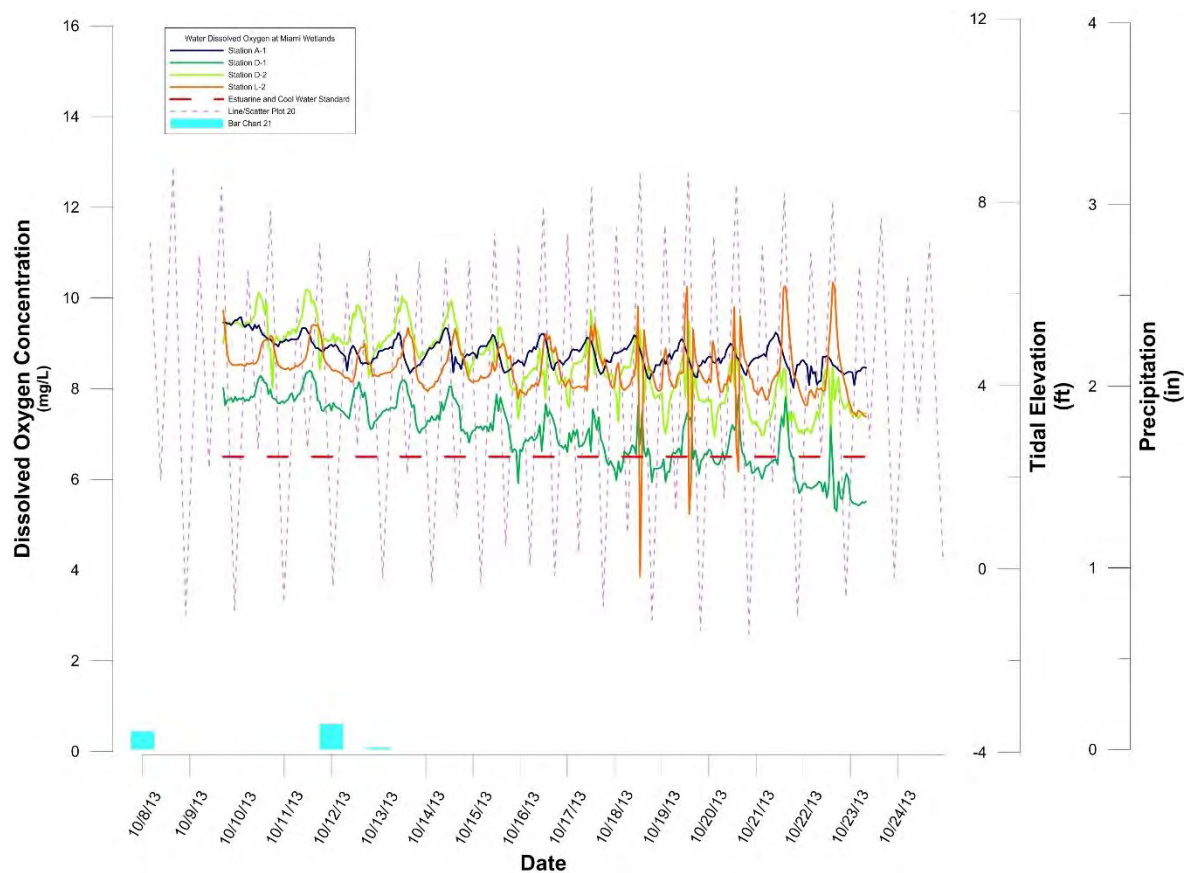




Figure E3. continued

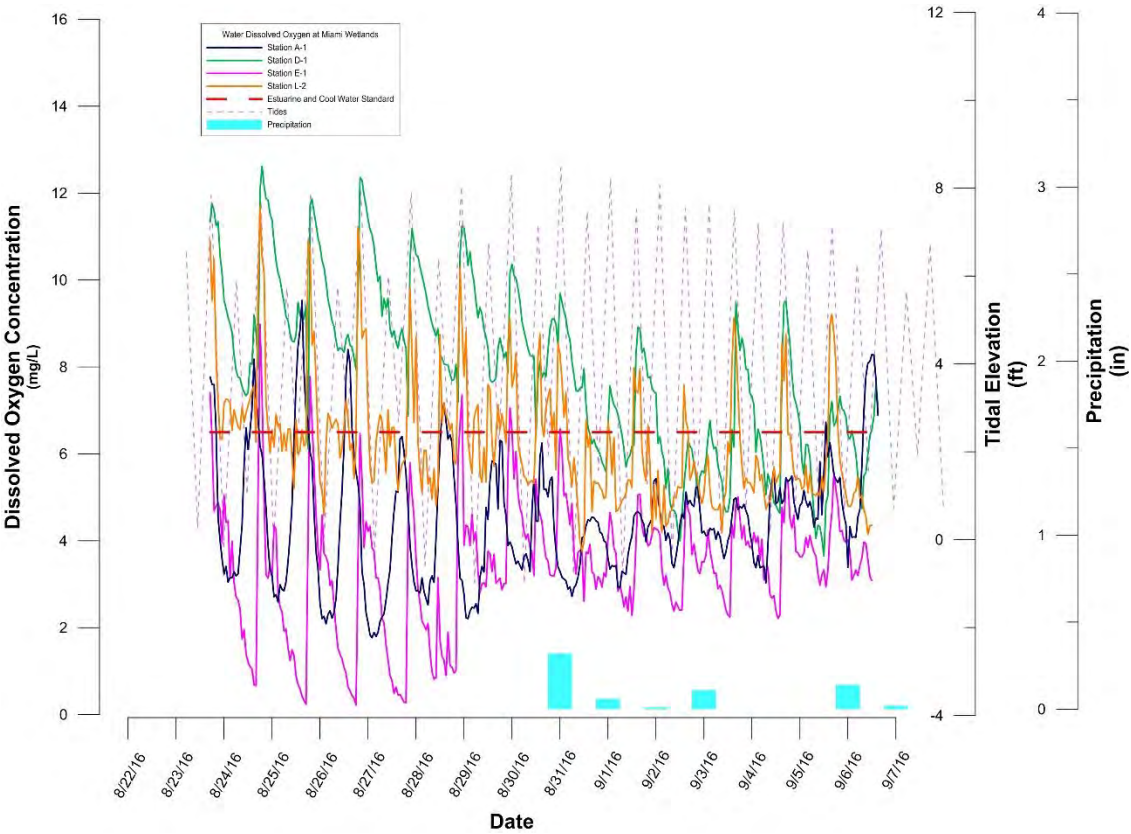


Figure E4. Graphs depicting post-restoration dissolved oxygen levels in constructed channels at the Miami Wetlands during winter 2012-2016. Precipitation and tidal data also included. Discontinuous lines indicate missing data due to low water levels.

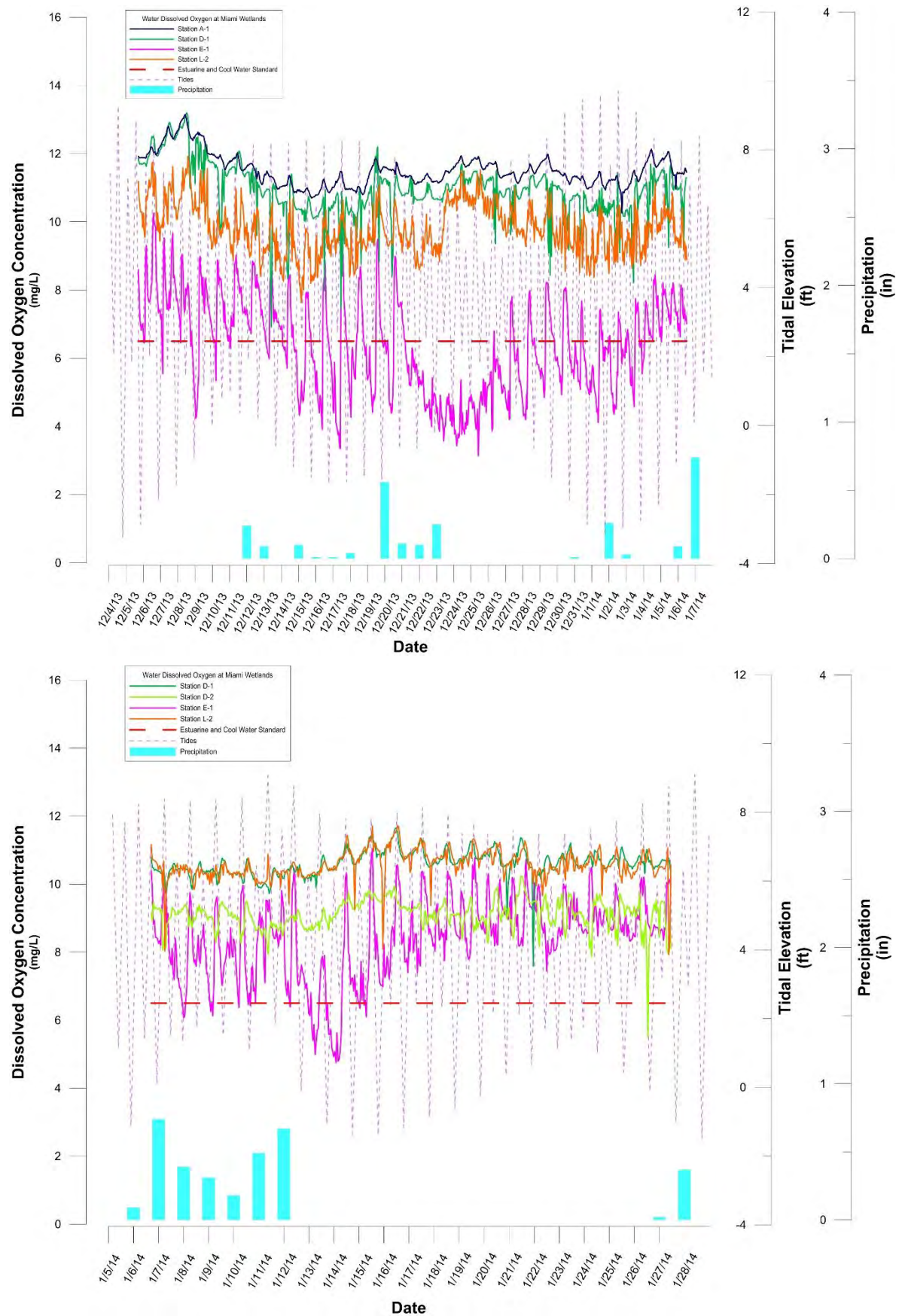
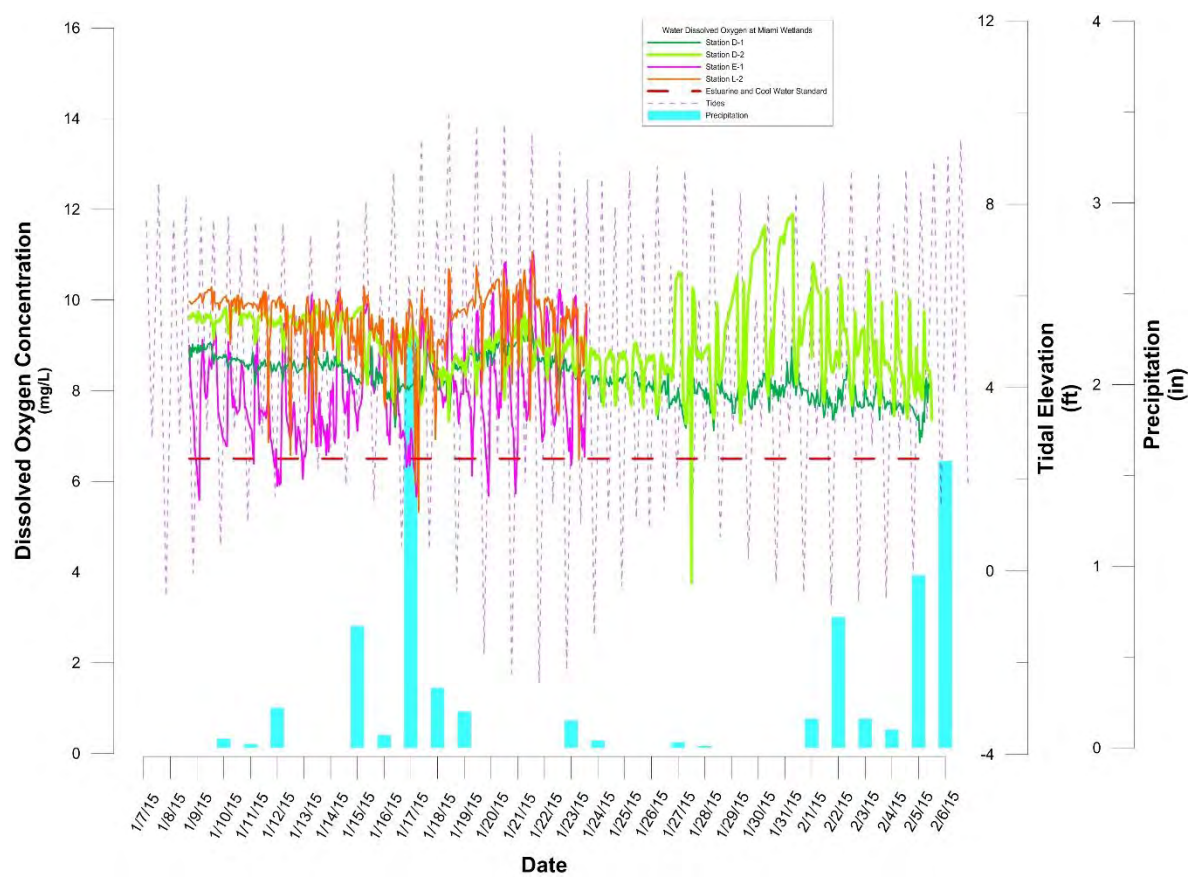


Figure E4. Continued





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## **Appendix F**

Graphs depicting cross sections of constructed channels at the Miami Wetlands

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Figure F1. Graphs depicting cross sections of constructed tidal channels (E channel system) at the Miami Wetlands.

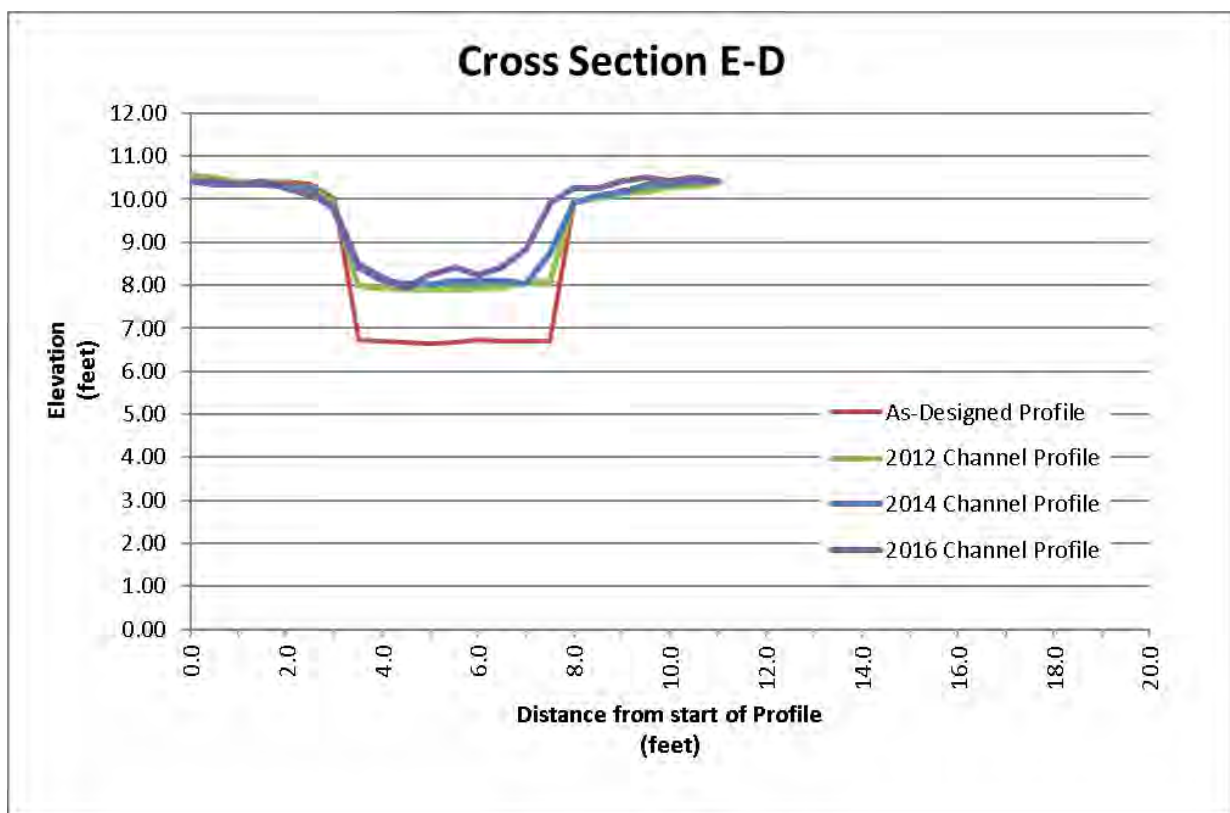
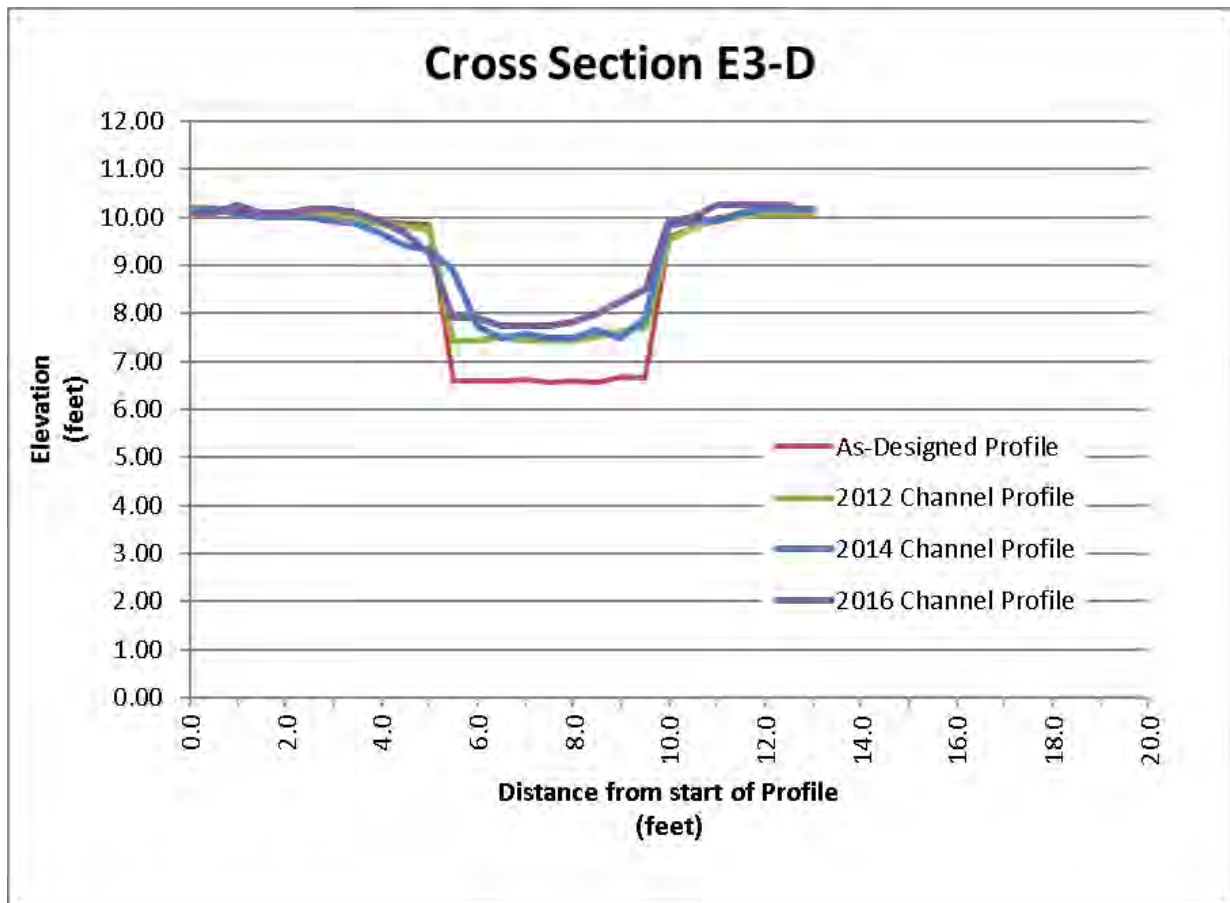


Figure F1. continued

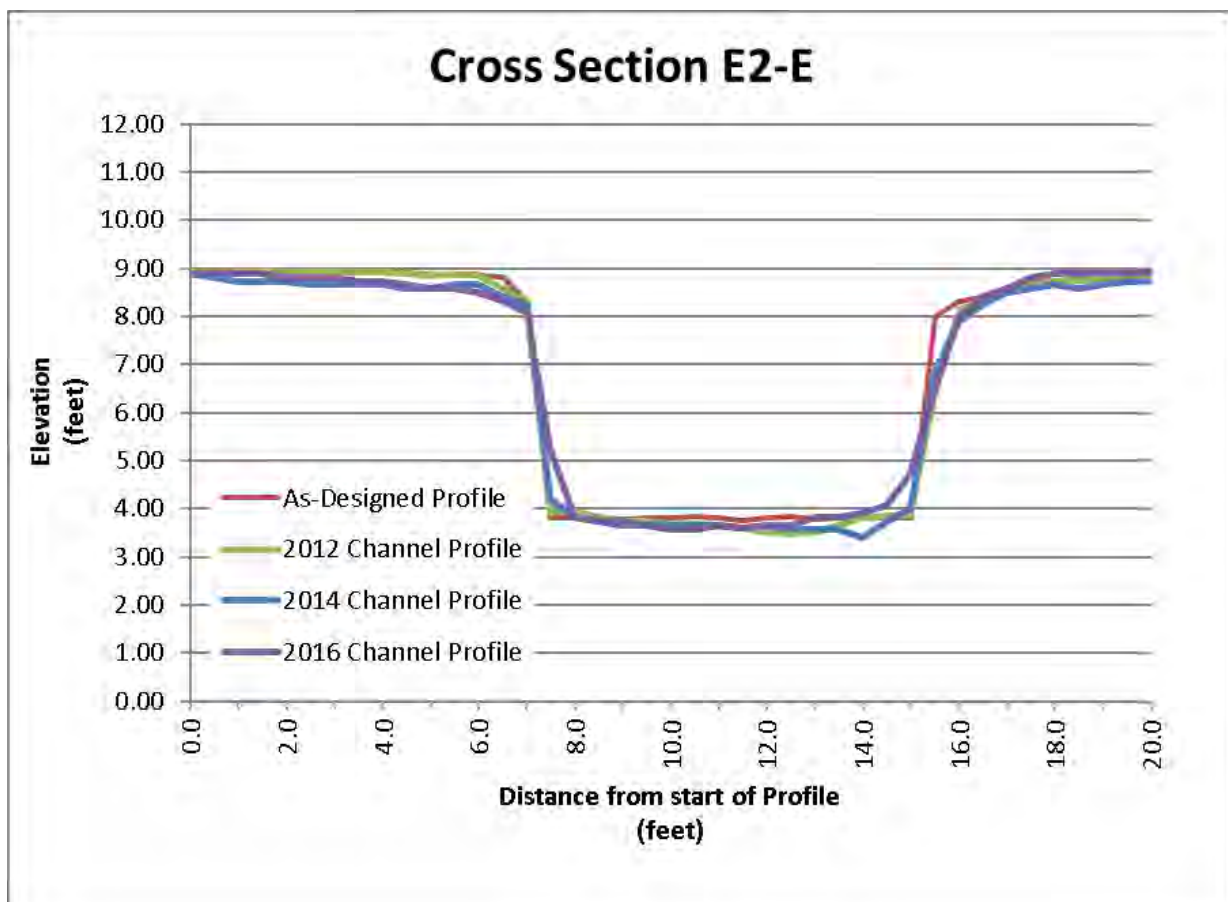
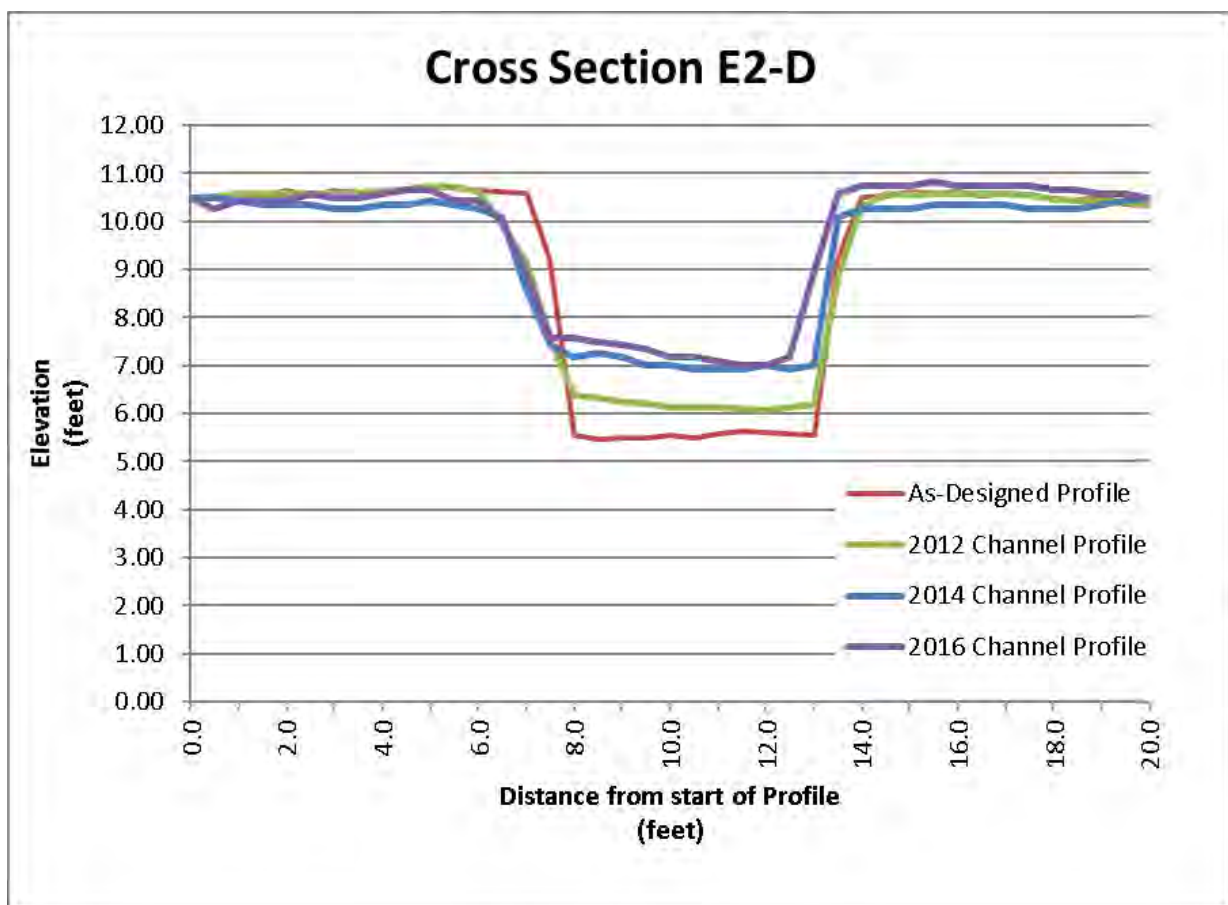




Figure F1. continued

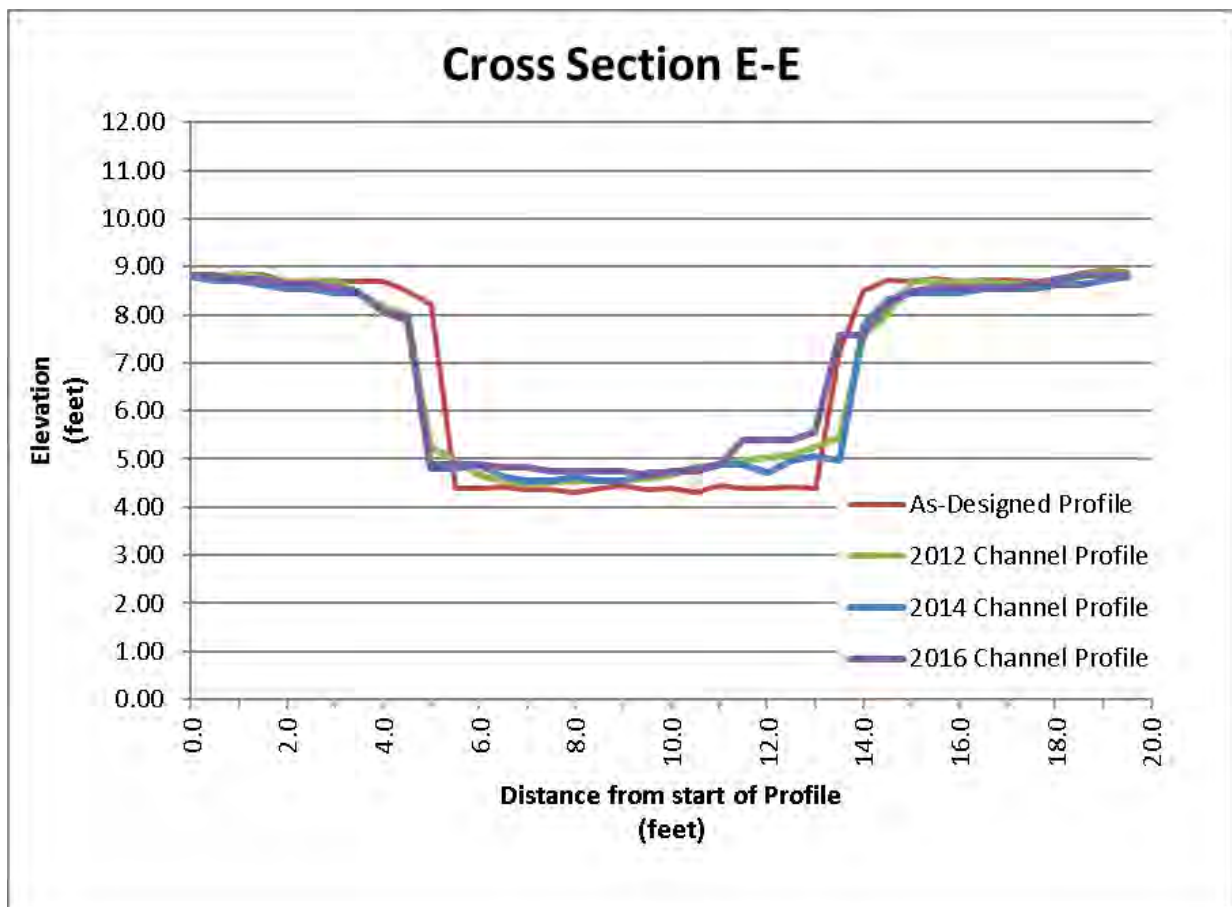


Figure F2. Graphs depicting cross sections of constructed stream channels (Hobson-Struby channel system) at the Miami Wetlands.

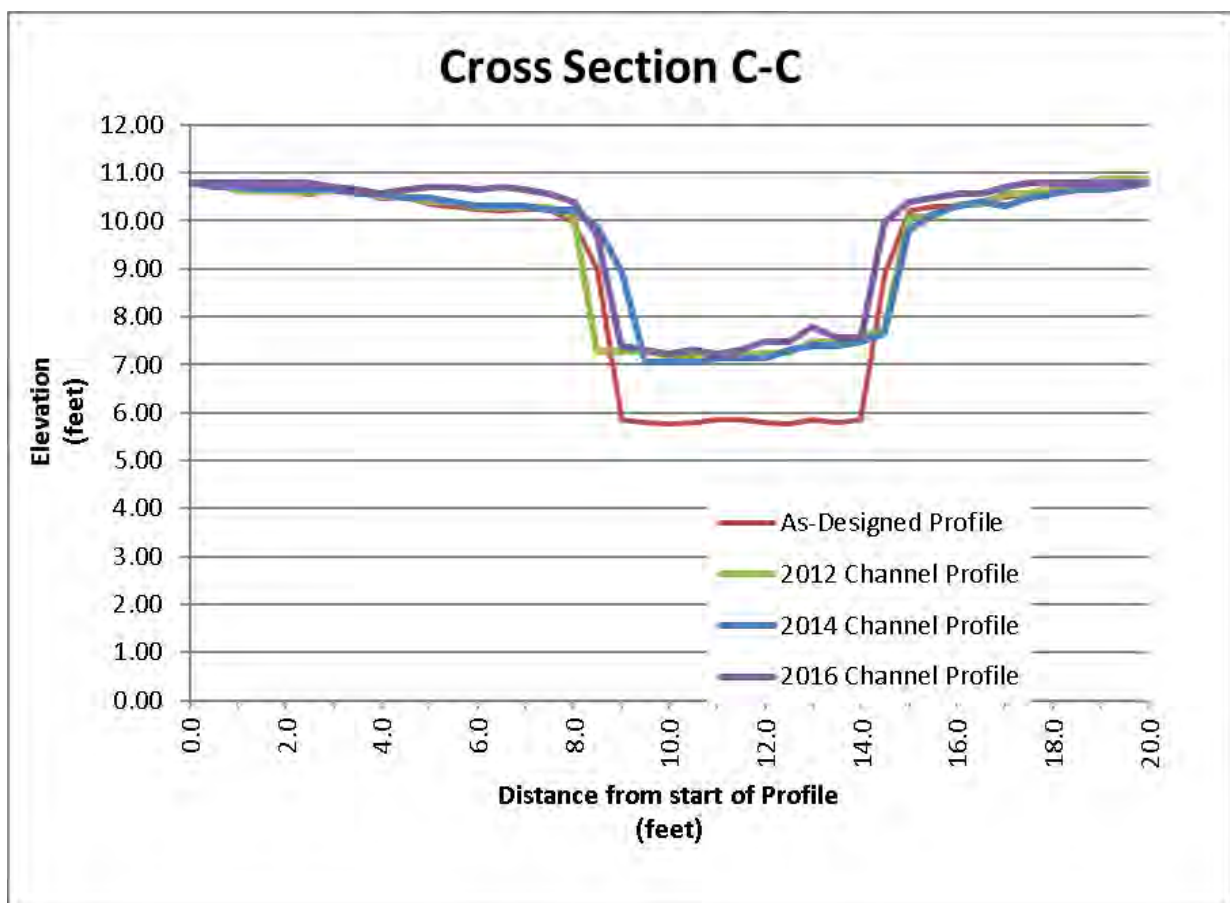
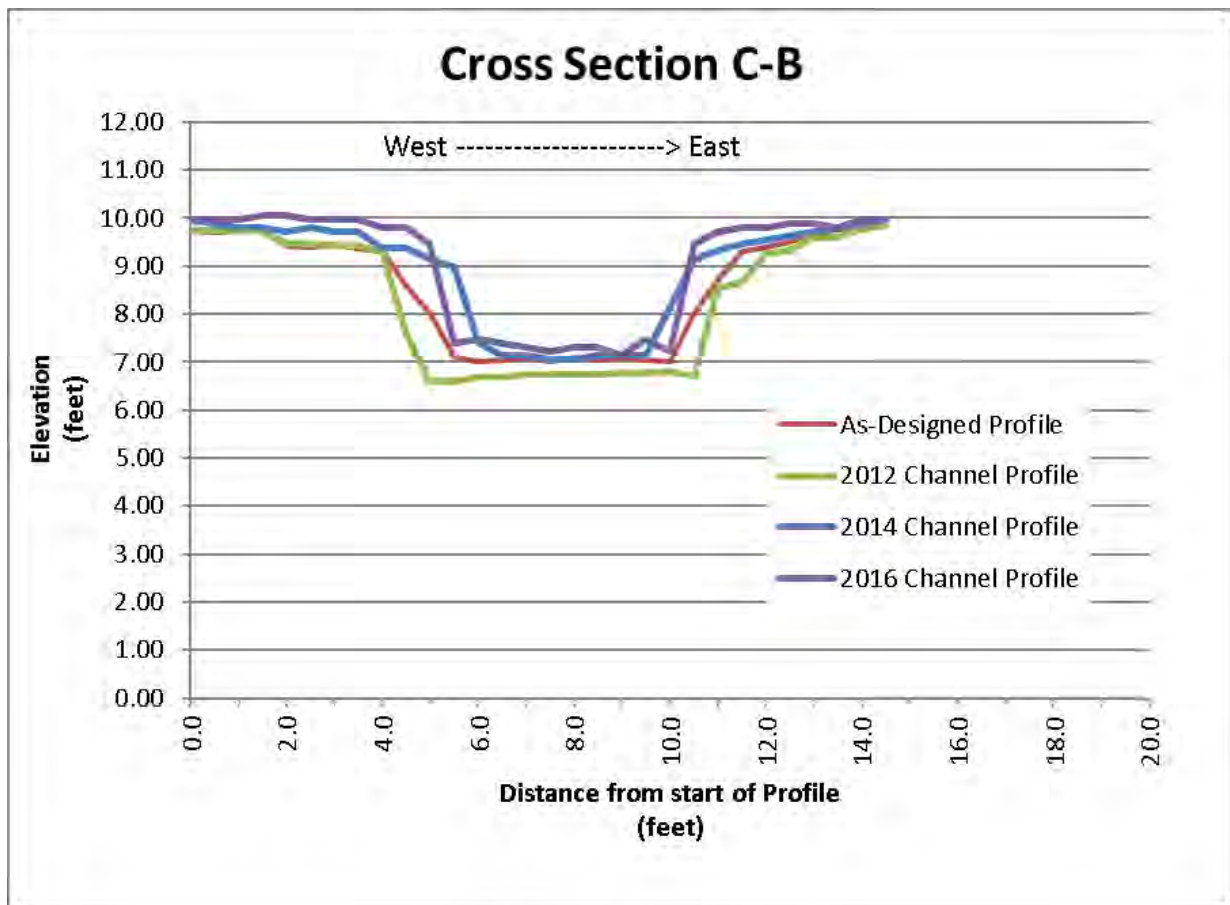
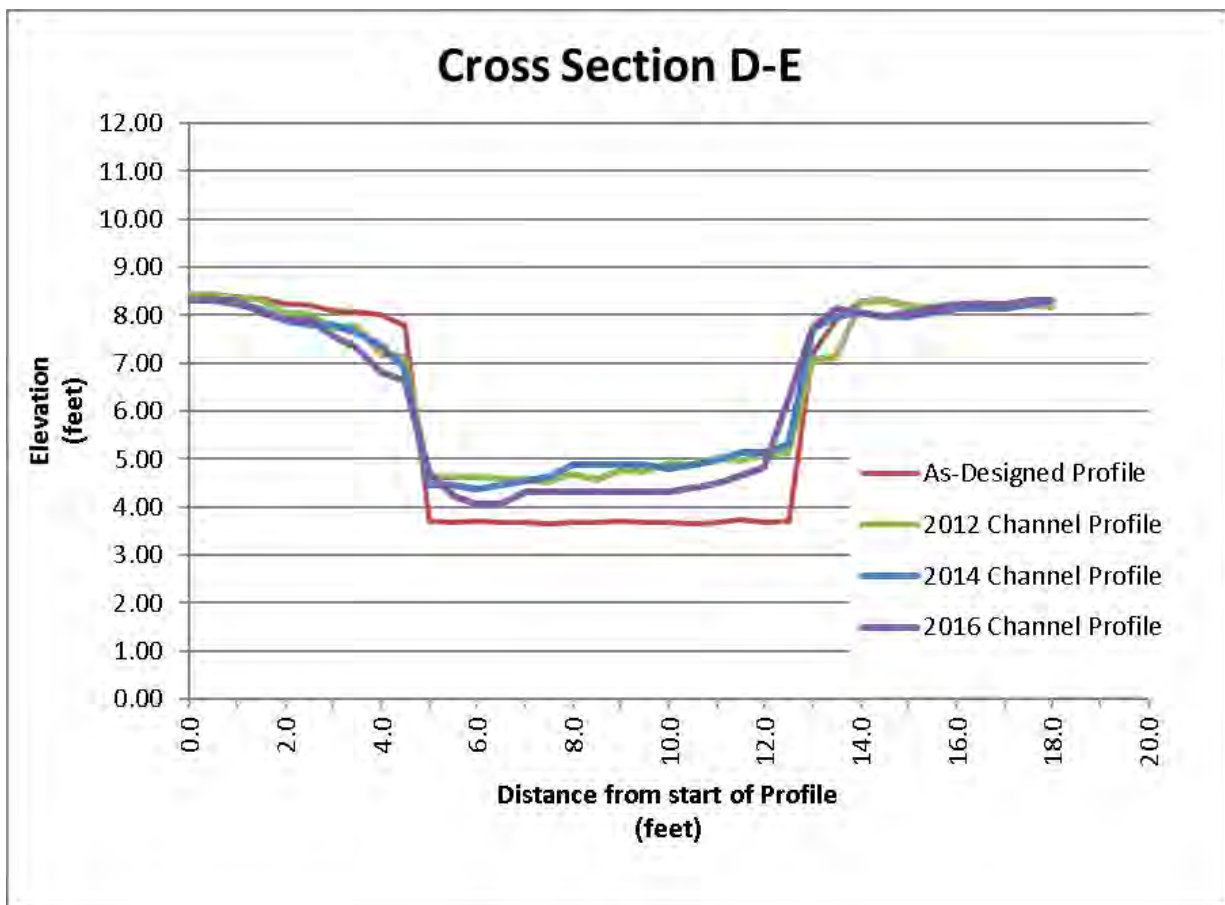
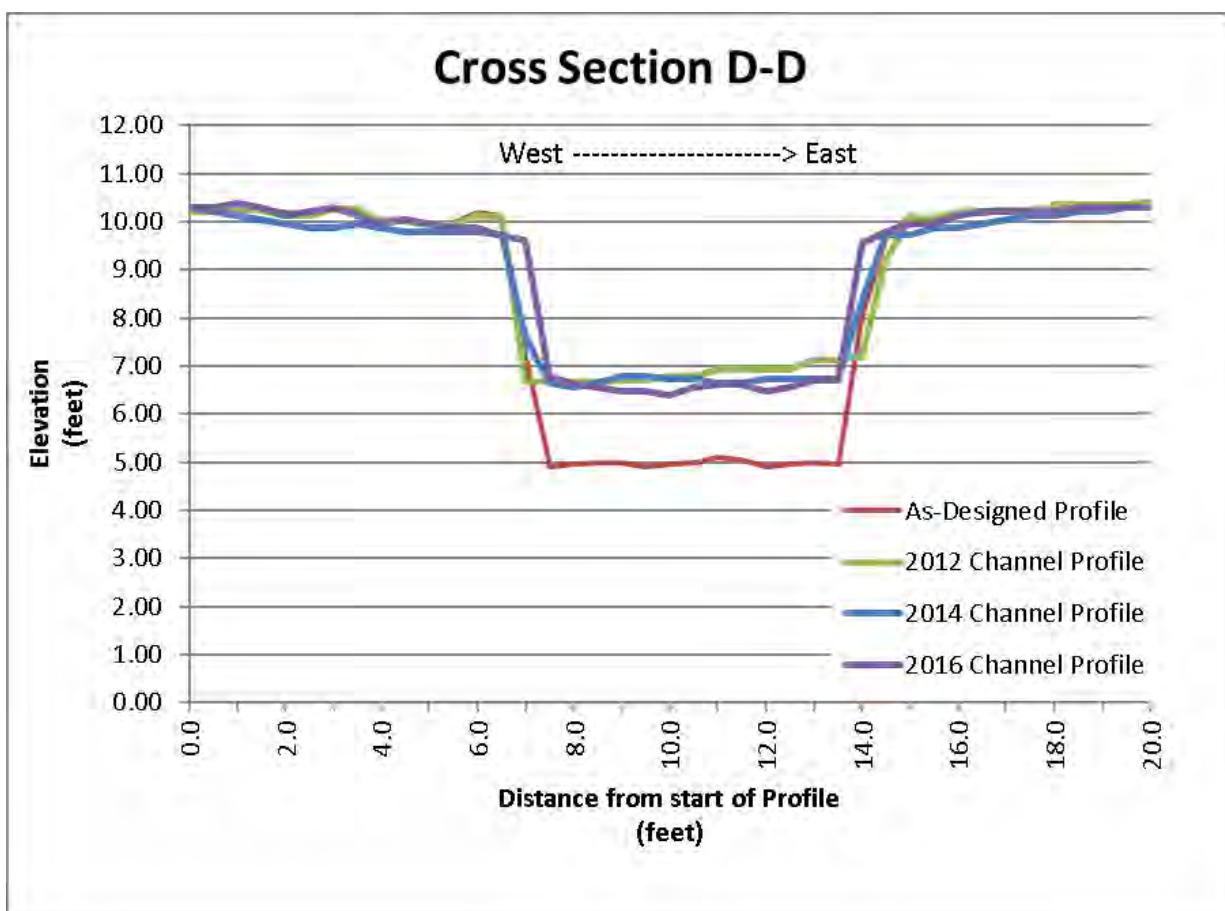


Figure F2. continued





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## **Appendix G**

Google Earth<sup>®</sup> images of Miami Wetlands from 2005 - 2017

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# Miami Wetlands Restoration Site Pre-Restoration

Hobson Creek Rd

Miami Foley Rd

Ekroth Rd



© 2017 Google  
Image State of Oregon

Scale: 1 inch = 261 feet

Image Date: June 2005



# Miami Wetlands Restoration Site During-Restoration

Hobson Creek Rd

Miami Foley Rd

Ekroth Rd

Image USDA Farm Service Agency  
© 2017 Google

Scale: 1 inch = 261 feet

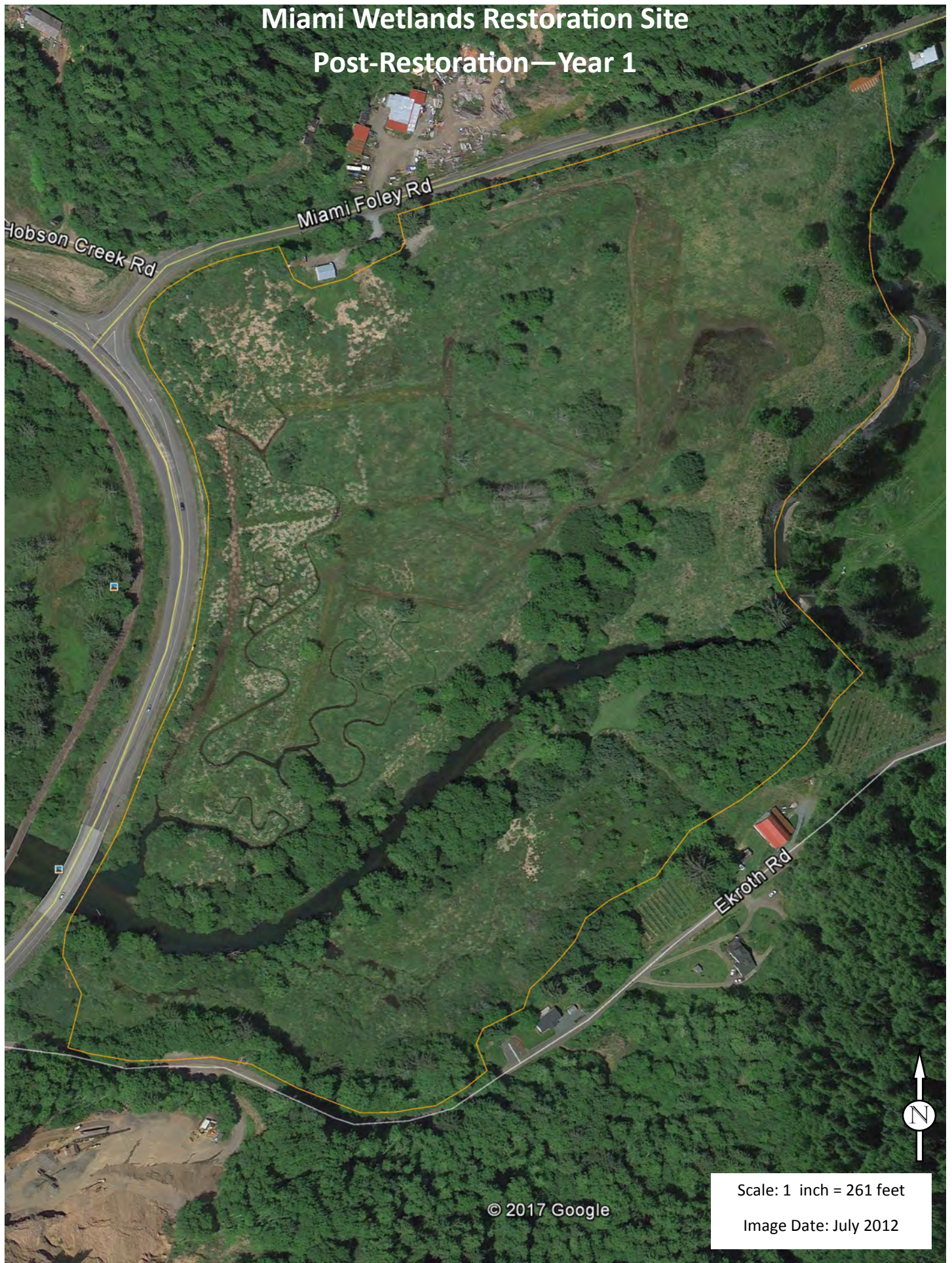
Image Date: August 2011





# Miami Wetlands Restoration Site

## Post-Restoration—Year 1



© 2017 Google

Scale: 1 inch = 261 feet

Image Date: July 2012



# Miami Wetlands Restoration Site

## Post-Restoration—Year 3



© 2017 Google  
Image © 2017 DigitalGlobe

Scale: 1 inch = 261 feet

Image Date: July 2014



# Miami Wetlands Restoration Site

## Post-Restoration—Year 5



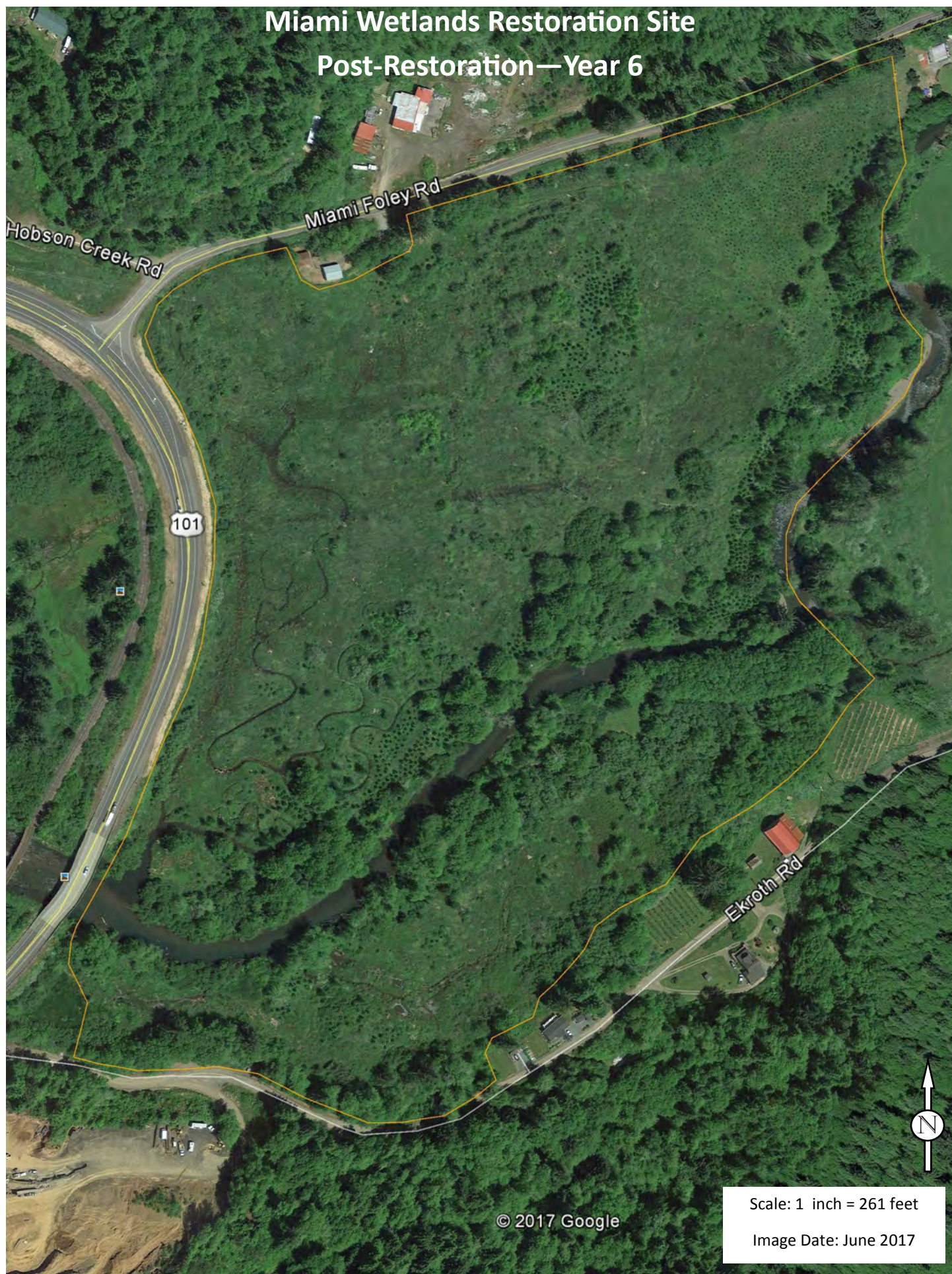
© 2017 Google

Scale: 1 inch = 261 feet  
Image Date: August 2016



# Miami Wetlands Restoration Site

## Post-Restoration—Year 6



© 2017 Google

Scale: 1 inch = 261 feet

Image Date: June 2017