

Claiborne and Millers Ferry Locks and Dams Fish Passage Study

Attachment H-1 – Hydrology and Hydraulics

HEC-RAS Calibration and Validation Plots

May 2023



US Army Corps
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The Nature
Conservancy 

Attachment H-1: HEC-RAS Calibration and Validation Plots

Subpart 1: Calibration – September 2012

Figure H.1.1: September 2012 - Millers Ferry Lock and Dam Headwater

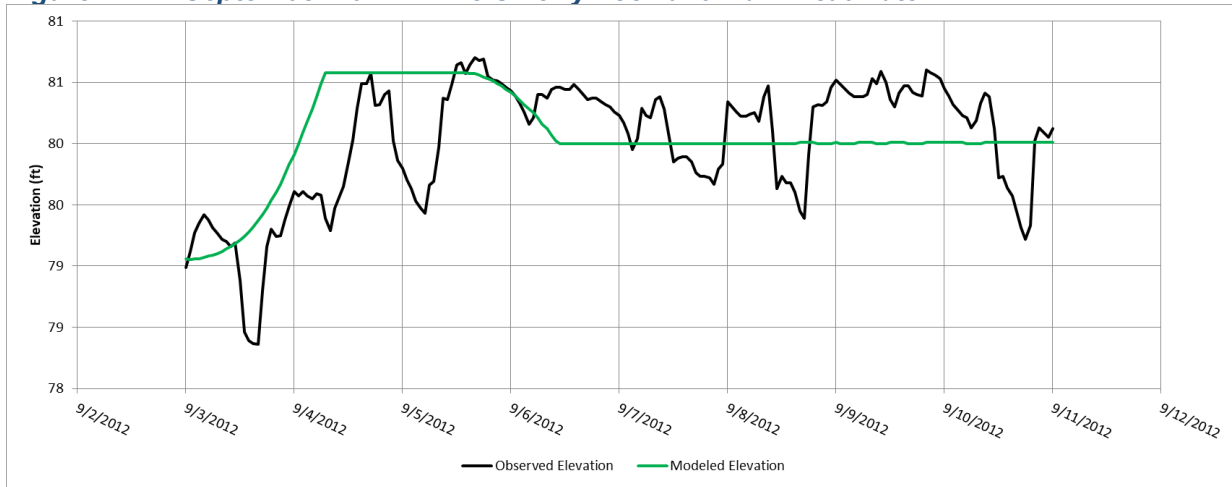


Figure H.1.2: September 2012 - Millers Ferry Lock and Dam Tailwater

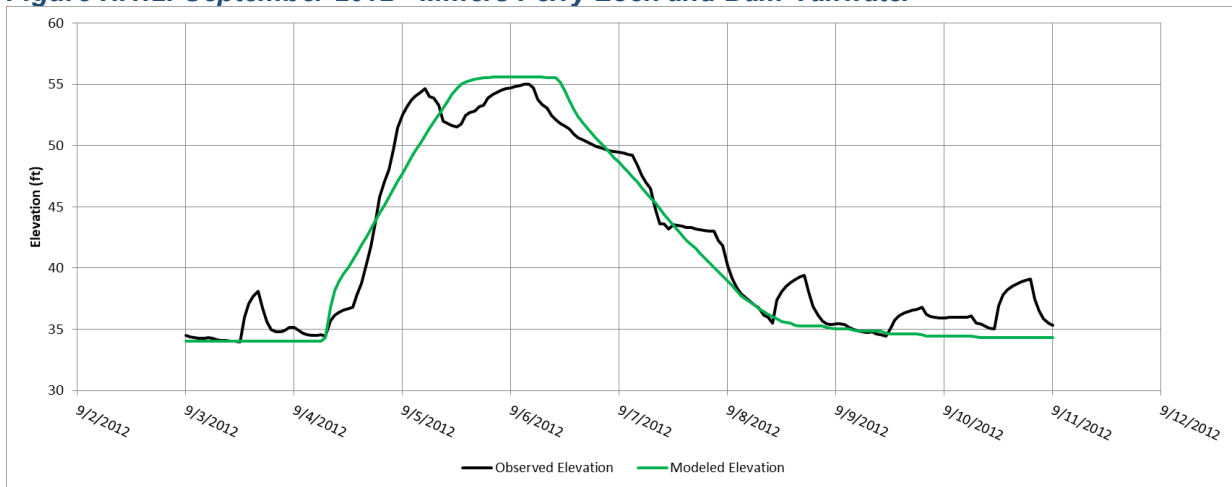


Figure H.1.3: September 2012 - Millers Ferry Lock and Dam Discharge

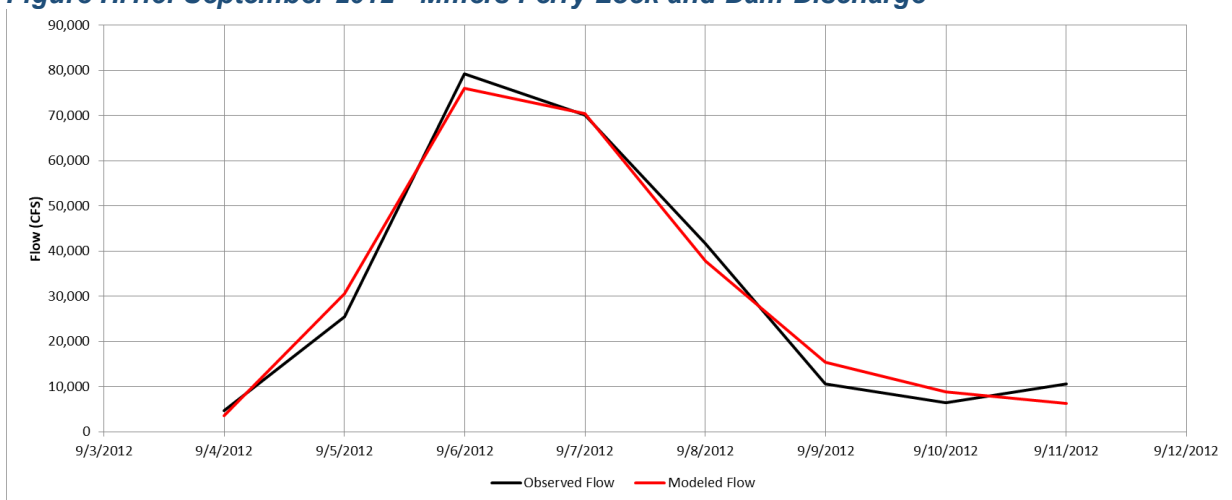


Figure H.1.4: September 2012 - Claiborne Lock and Dam Headwater

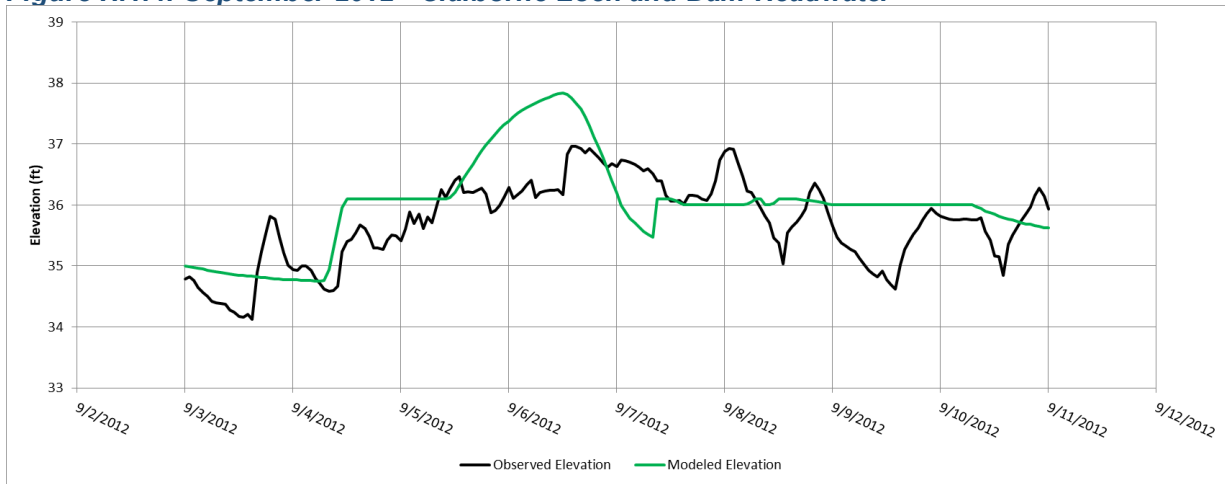


Figure H.1.5: September 2012 - Claiborne Lock and Dam Tailwater

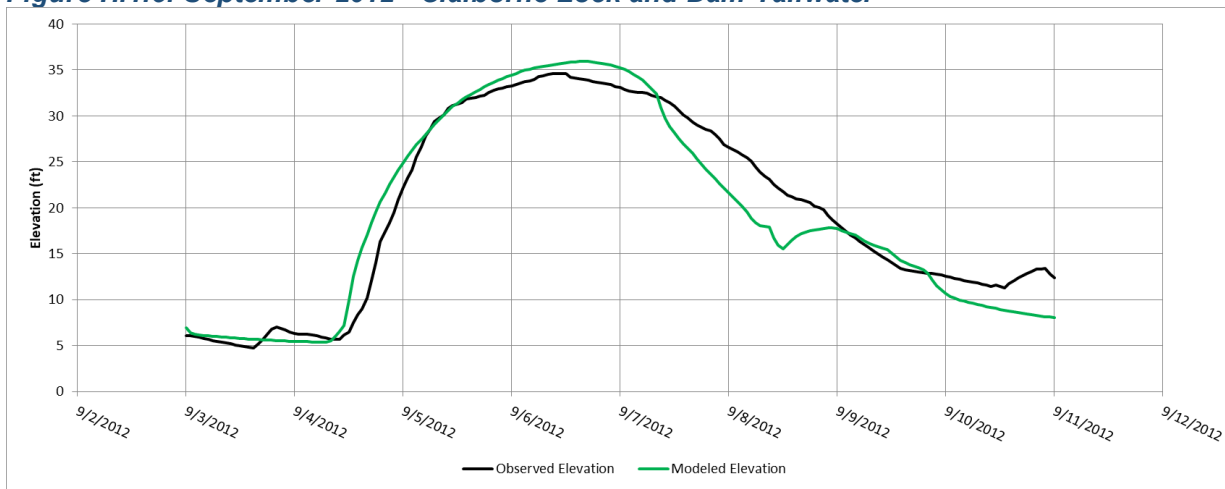
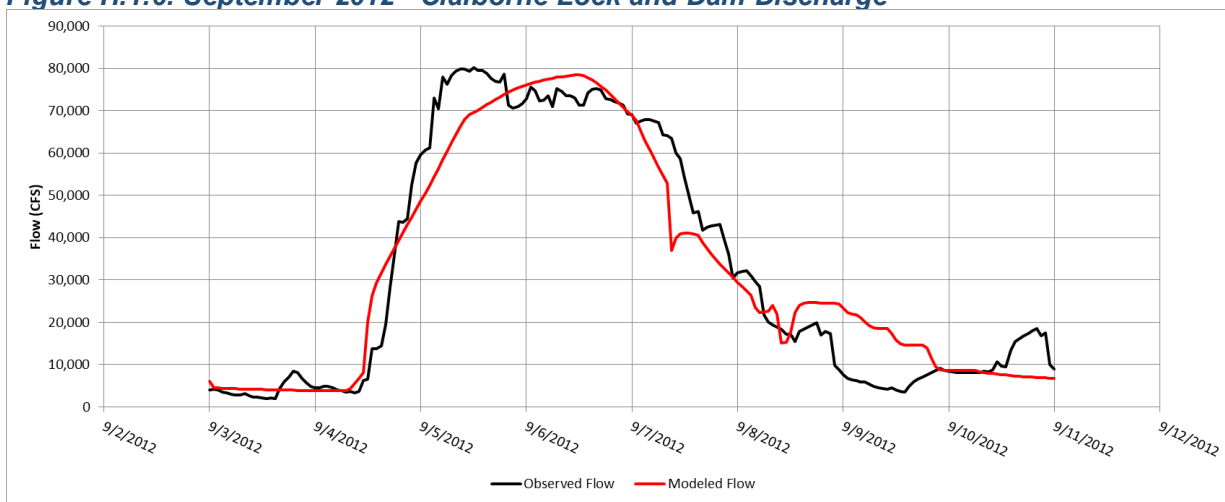


Figure H.1.6: September 2012 - Claiborne Lock and Dam Discharge



Subpart 2: Calibration – January 2013

Figure H.1.7: January 2013 - Millers Ferry Lock and Dam Headwater

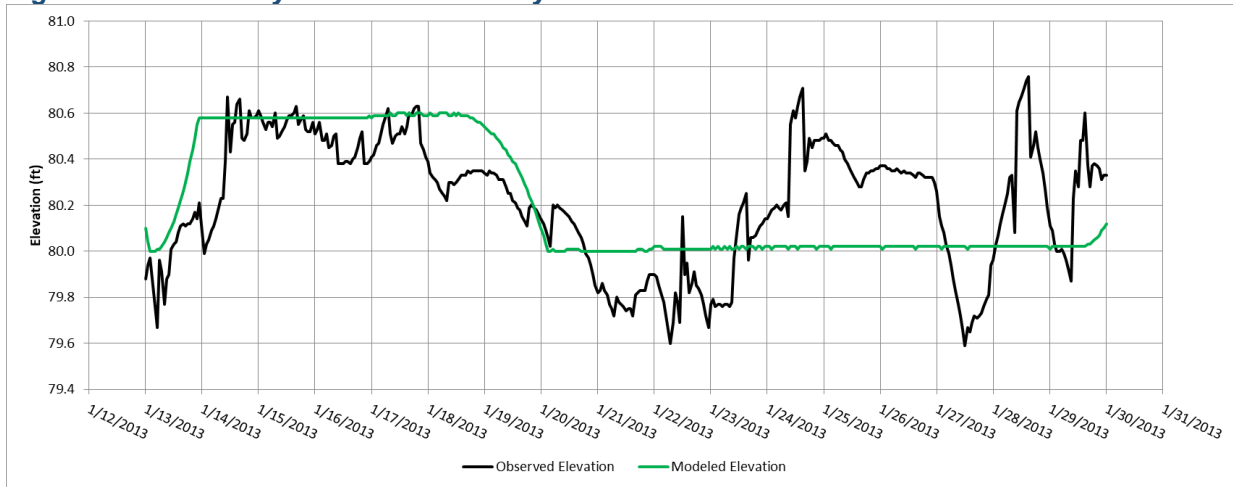


Figure H.1.8: January 2013 - Millers Ferry Lock and Dam Tailwater

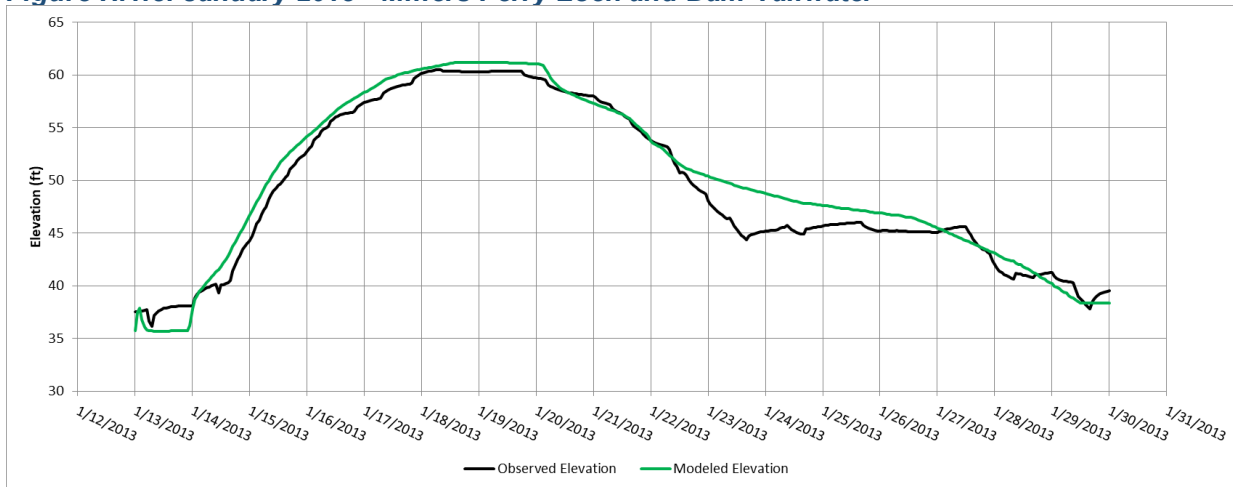


Figure H.1.9: January 2013 - Millers Ferry Lock and Dam Discharge

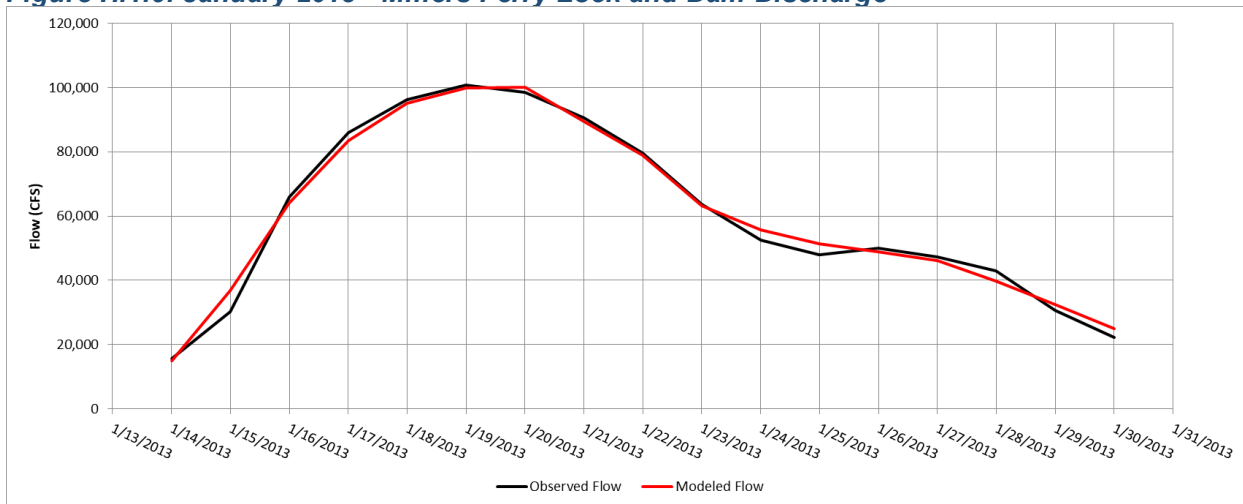


Figure H.1.10: January 2013 - Claiborne Lock and Dam Headwater

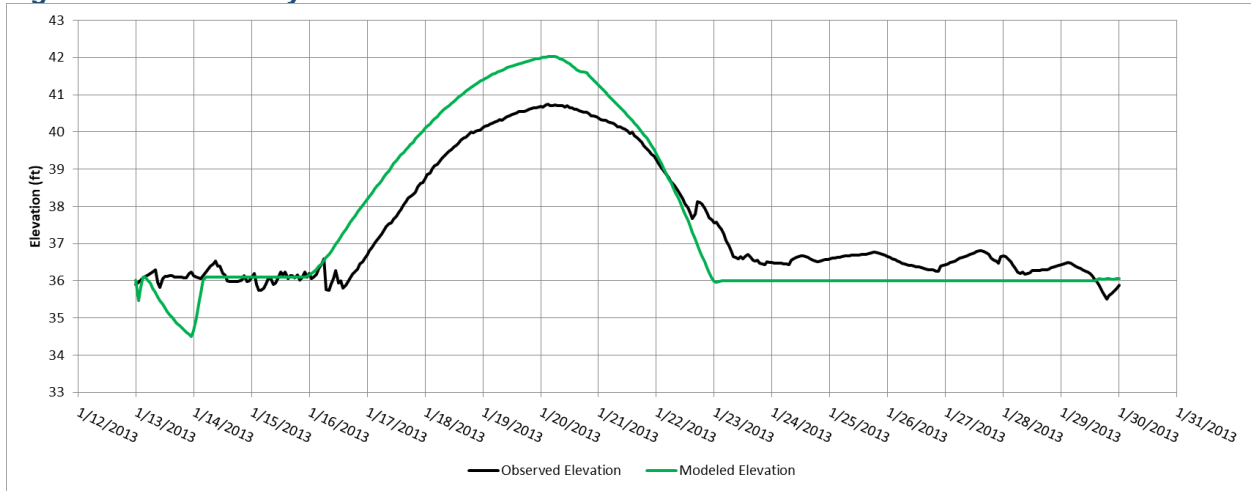


Figure H.1.11: January 2013 - Claiborne Lock and Dam Tailwater

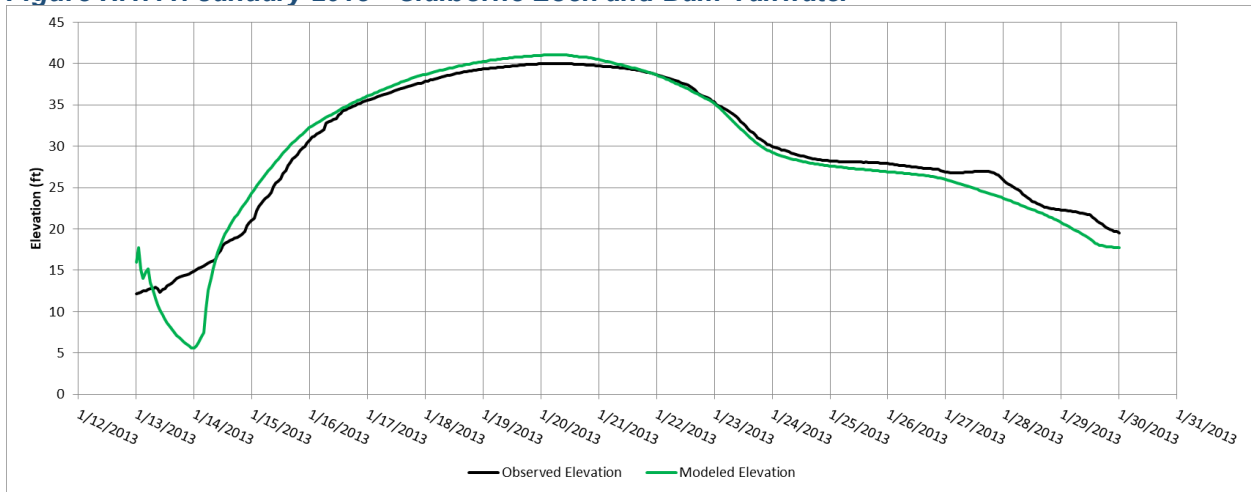
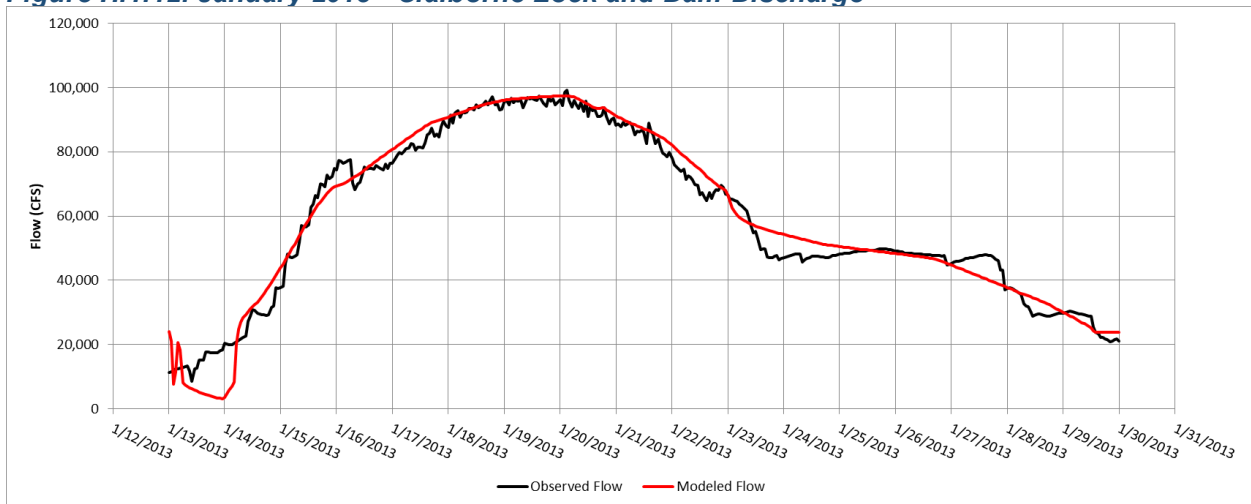


Figure H.1.12: January 2013 - Claiborne Lock and Dam Discharge



Subpart 3: Calibration – February 2013

Figure H.1.13: February 2013 - Millers Ferry Lock and Dam Headwater

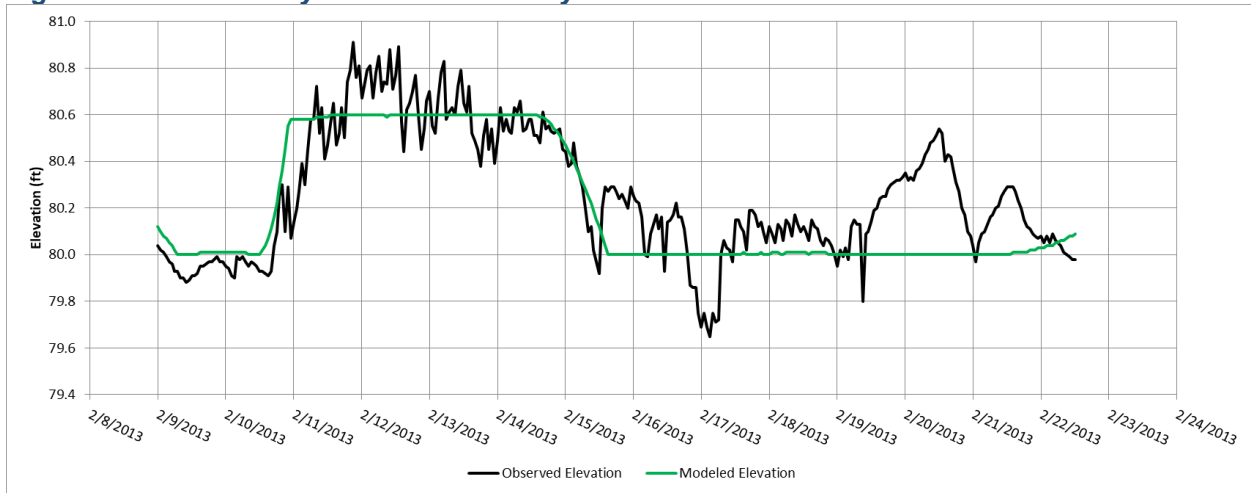


Figure H.1.14: February 2013 - Millers Ferry Lock and Dam Tailwater

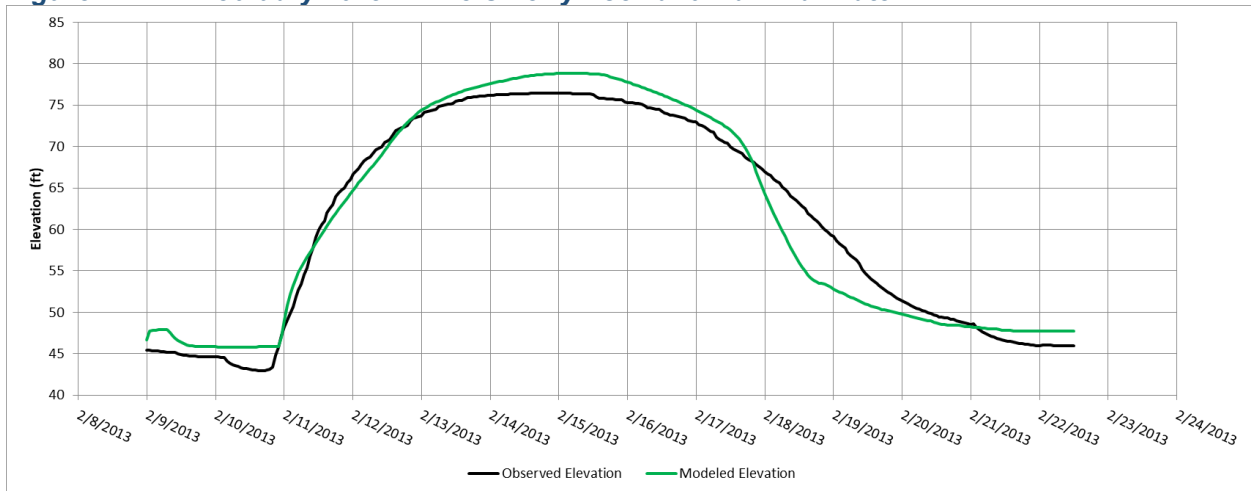


Figure H.1.15: February 2013 - Millers Ferry Lock and Dam Discharge

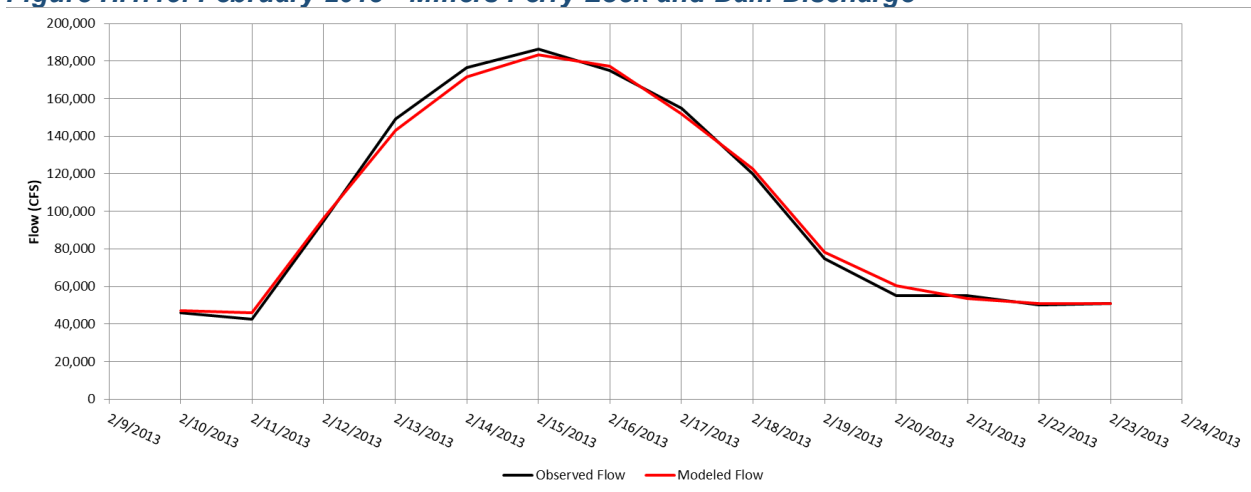


Figure H.1.16: February 2013 - Claiborne Lock and Dam Headwater

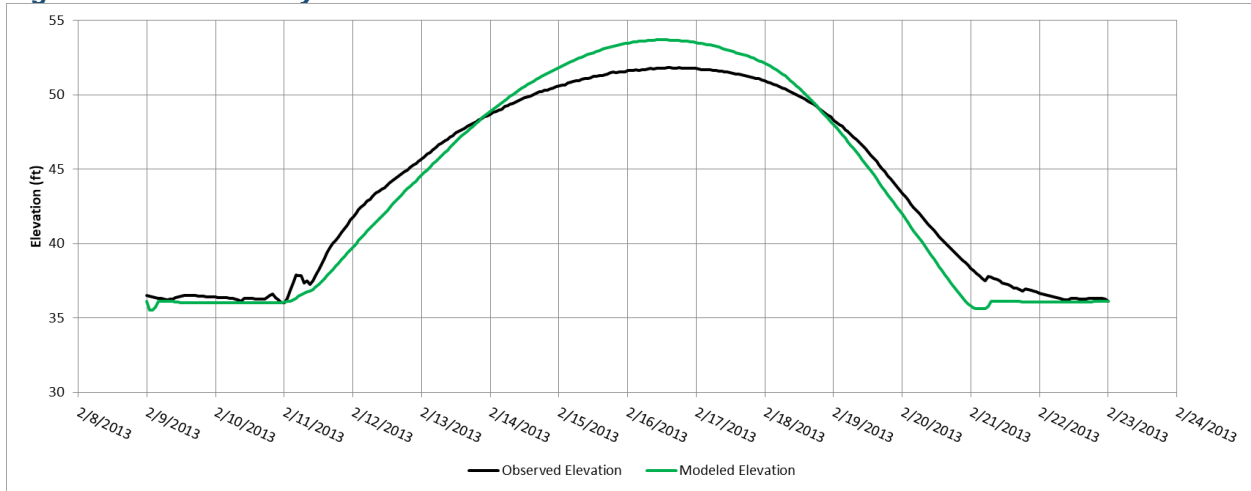


Figure H.1.17: February 2013 - Claiborne Lock and Dam Tailwater

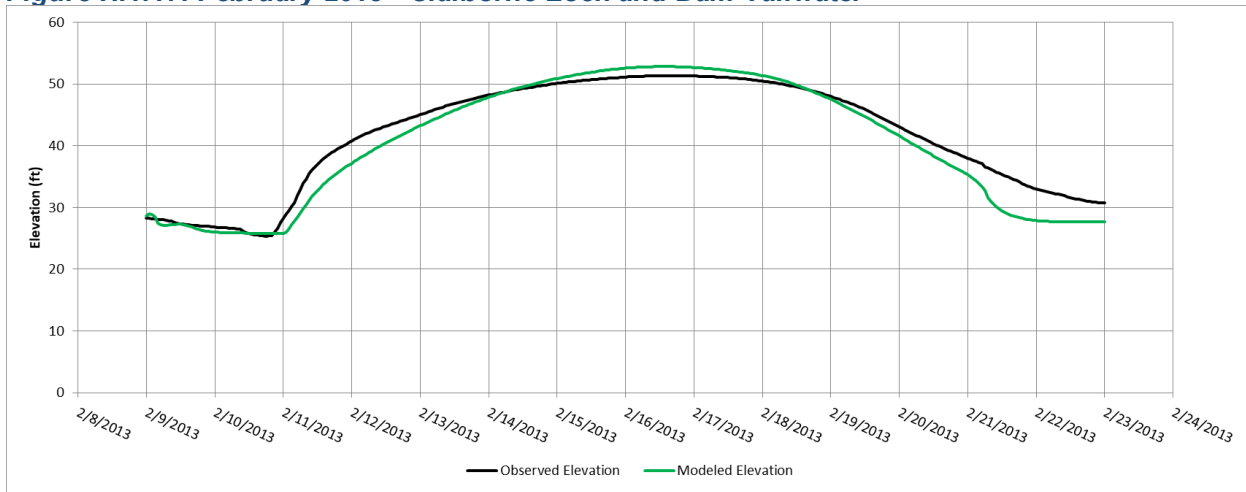
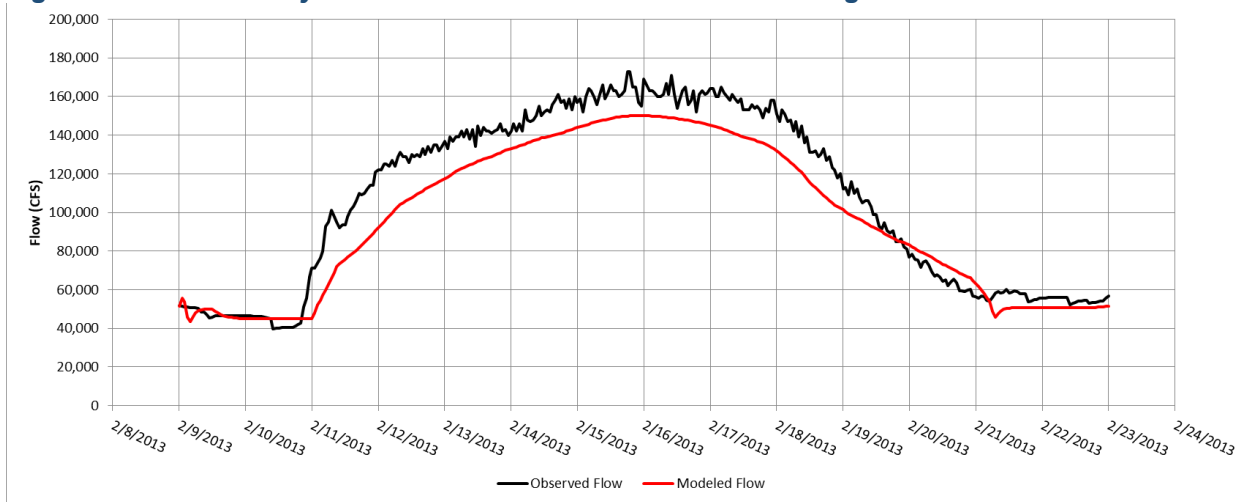


Figure H.1.18: February 2013 - Claiborne Lock and Dam Discharge



Subpart 4: Calibration – December 2015

Figure H.1.19: December 2015 - Millers Ferry Lock and Dam Headwater

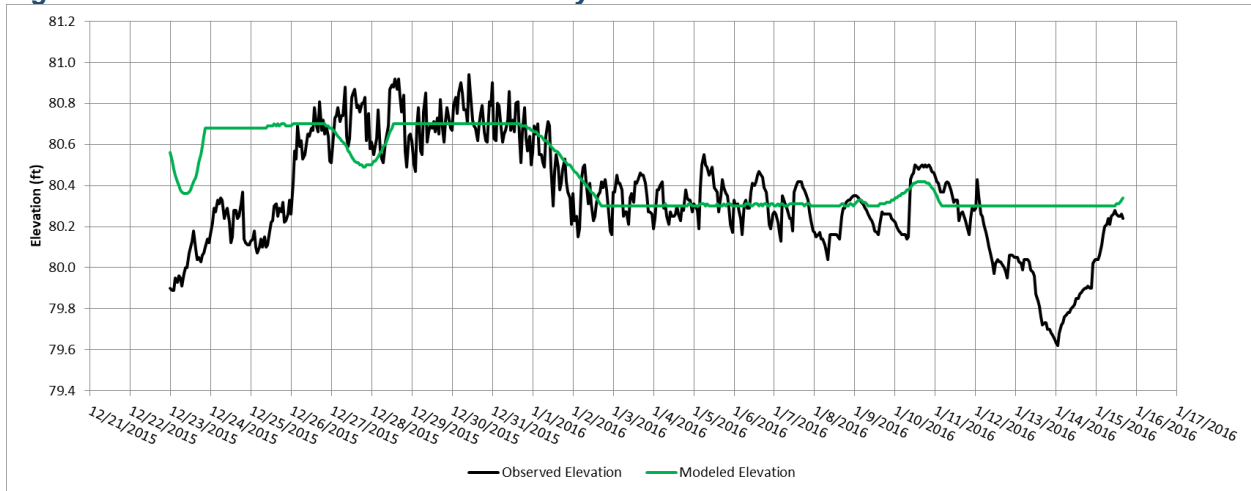


Figure H.1.20: December 2015 - Millers Ferry Lock and Dam Tailwater

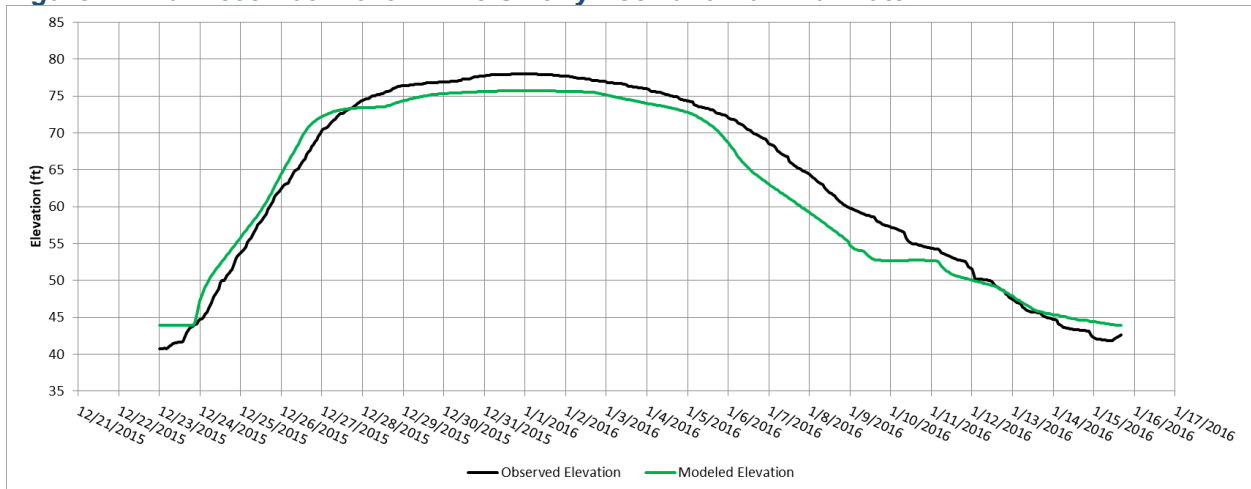


Figure H.1.21: December 2015 - Millers Ferry Lock and Dam Discharge

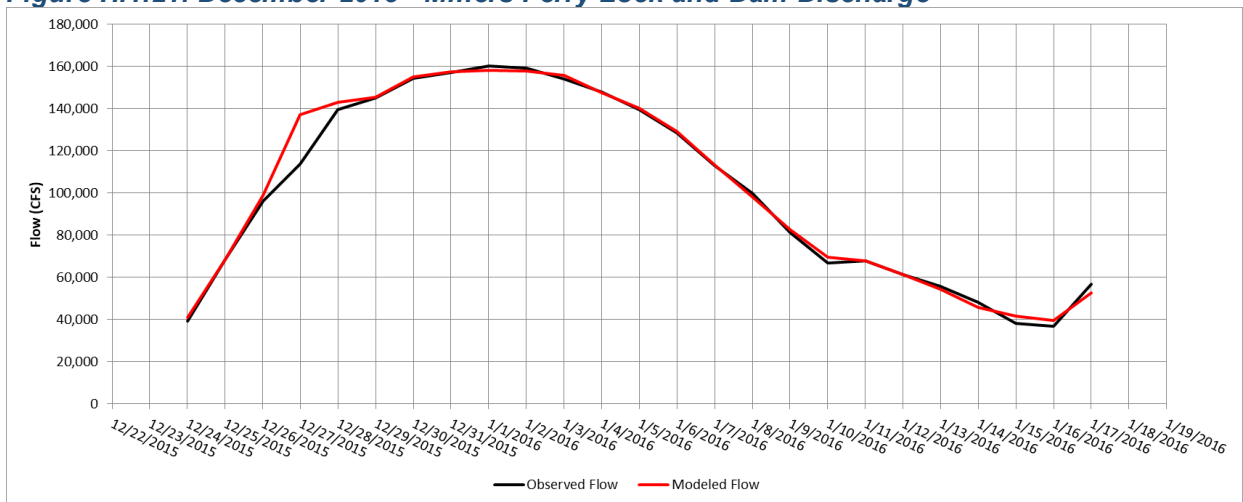


Figure H.1.22: December 2015 - Claiborne Lock and Dam Headwater

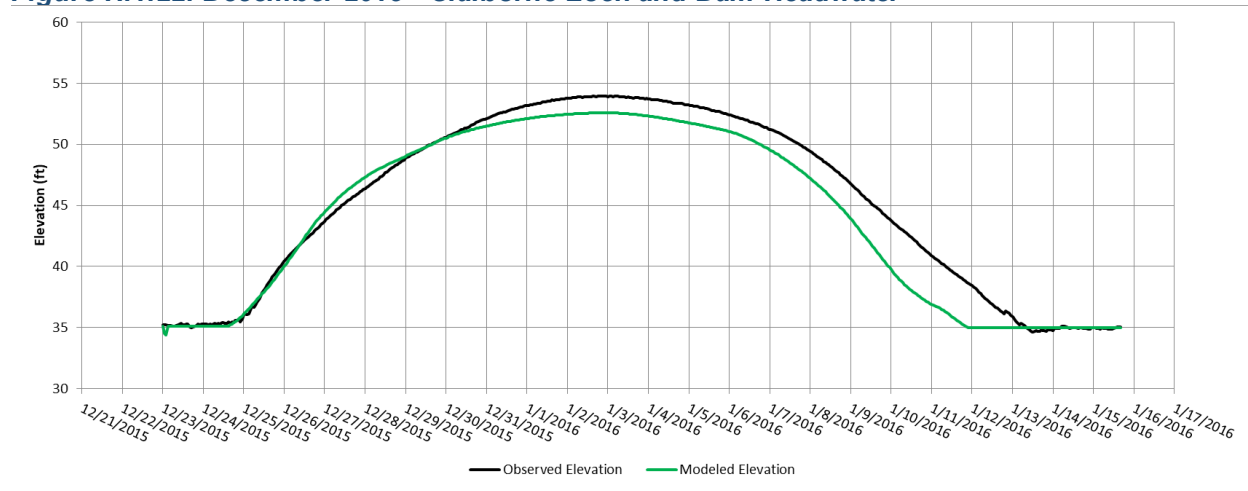


Figure H.1.23: December 2015 - Claiborne Lock and Dam Tailwater

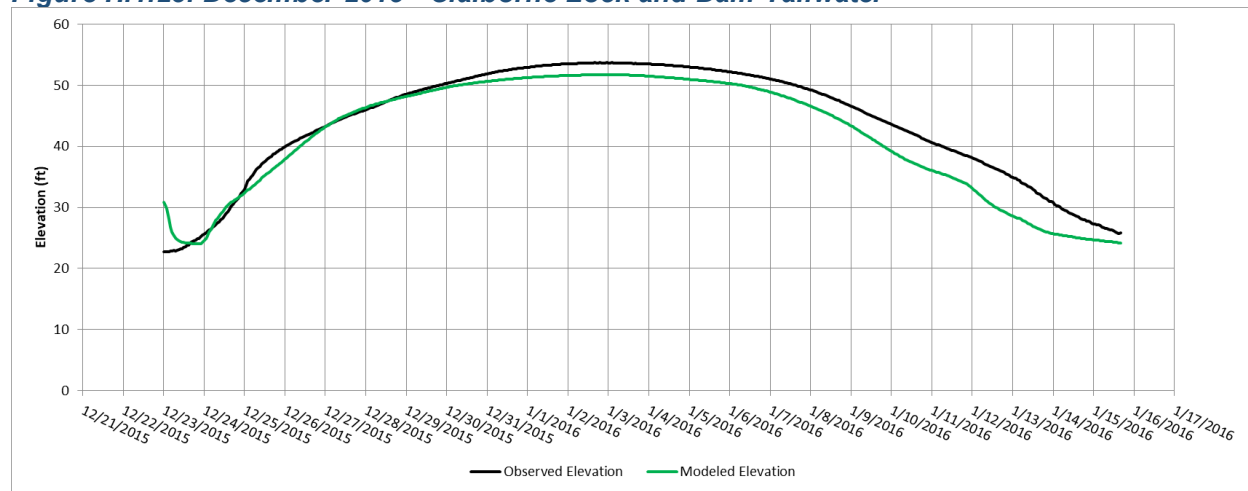
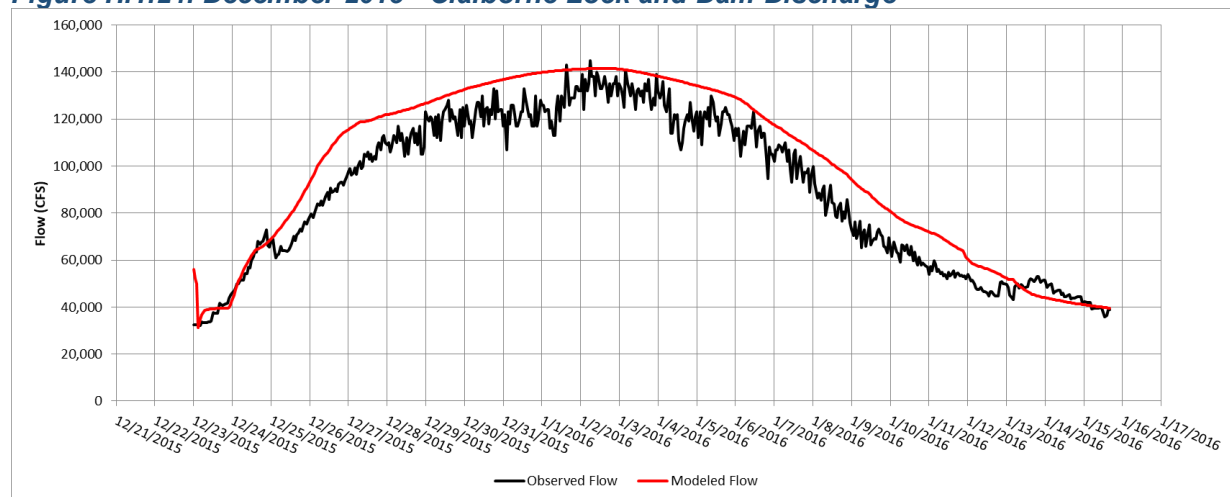


Figure H.1.24: December 2015 - Claiborne Lock and Dam Discharge



Subpart 5: Validation – April 2005

Figure H.1.25: April 2005 - Millers Ferry Lock and Dam Headwater

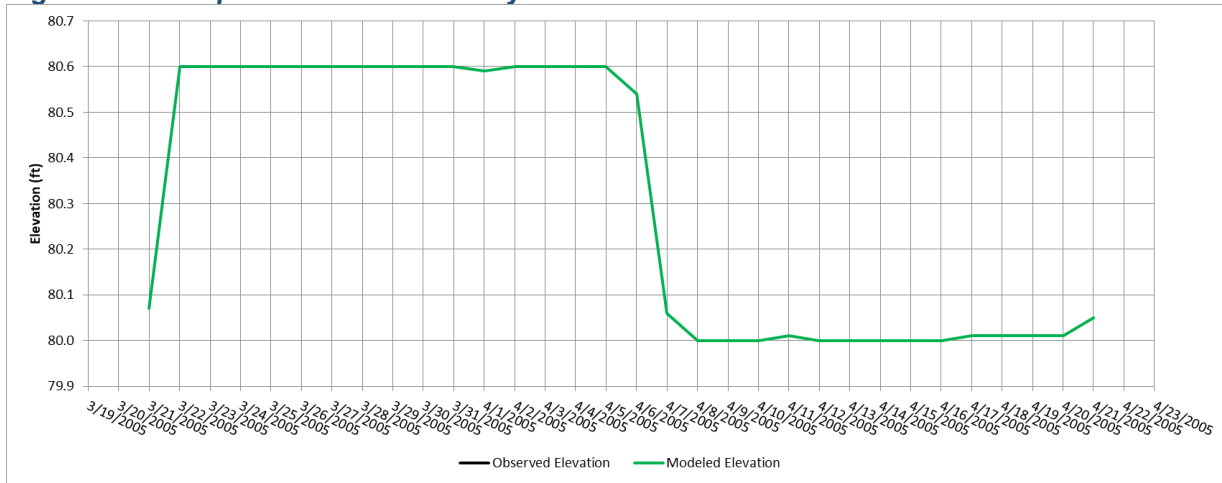


Figure H.1.26: April 2005 - Millers Ferry Lock and Dam Tailwater

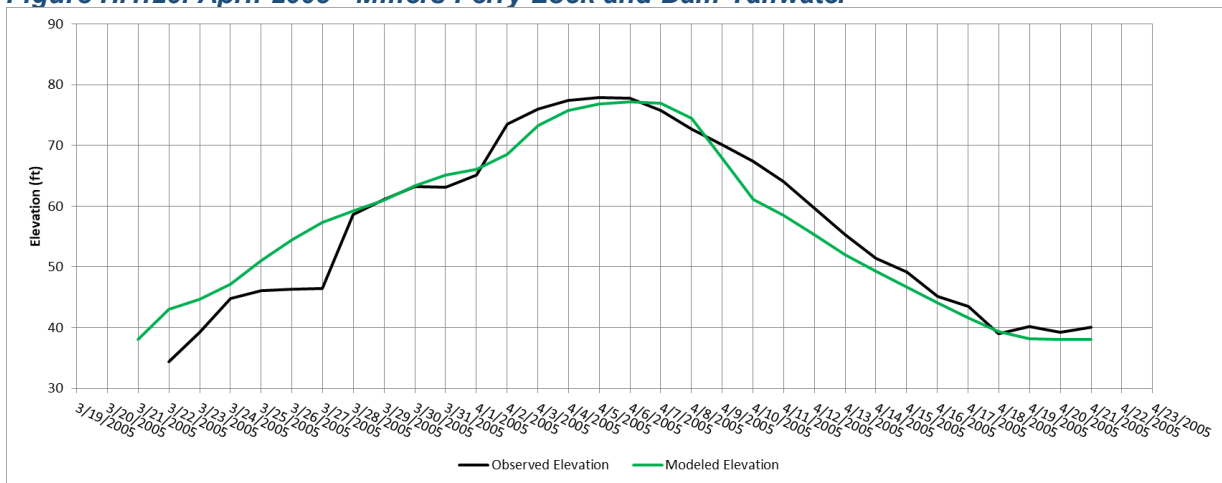


Figure H.1.27: April 2005 - Millers Ferry Lock and Dam Discharge

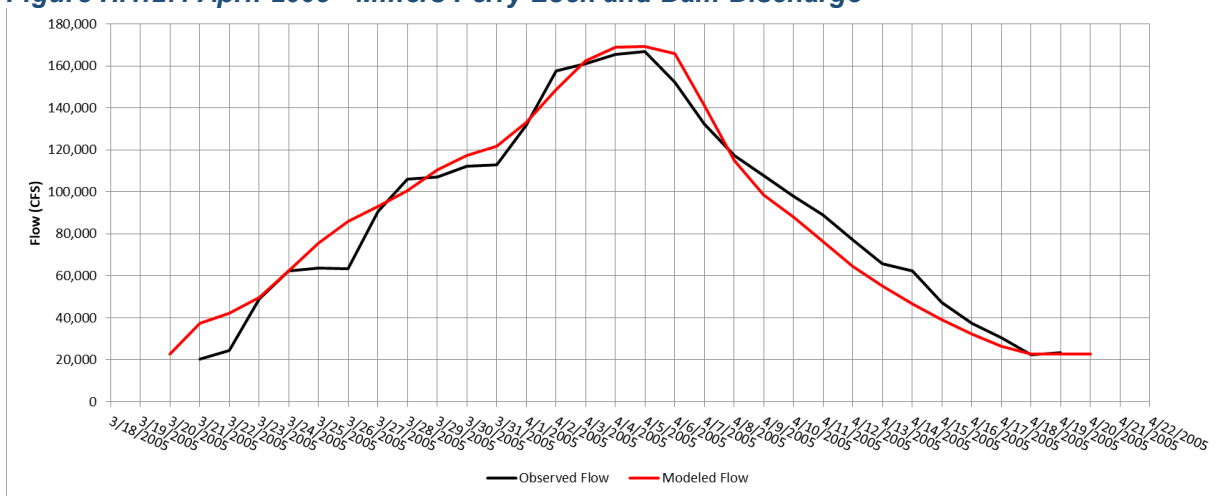


Figure H.1.28: April 2005 - Claiborne Lock and Dam Headwater

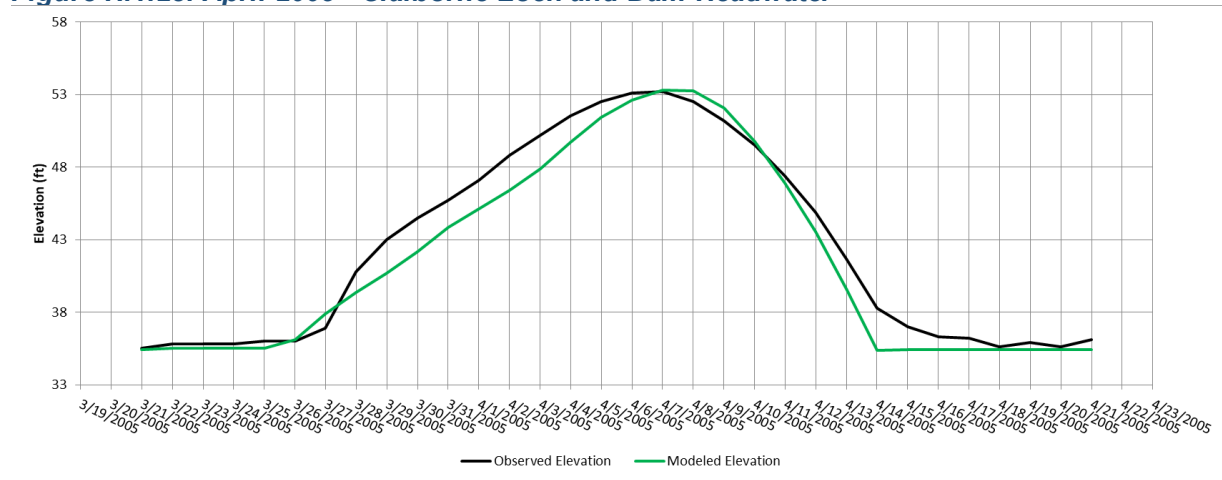


Figure H.1.29: April 2005 - Claiborne Lock and Dam Tailwater

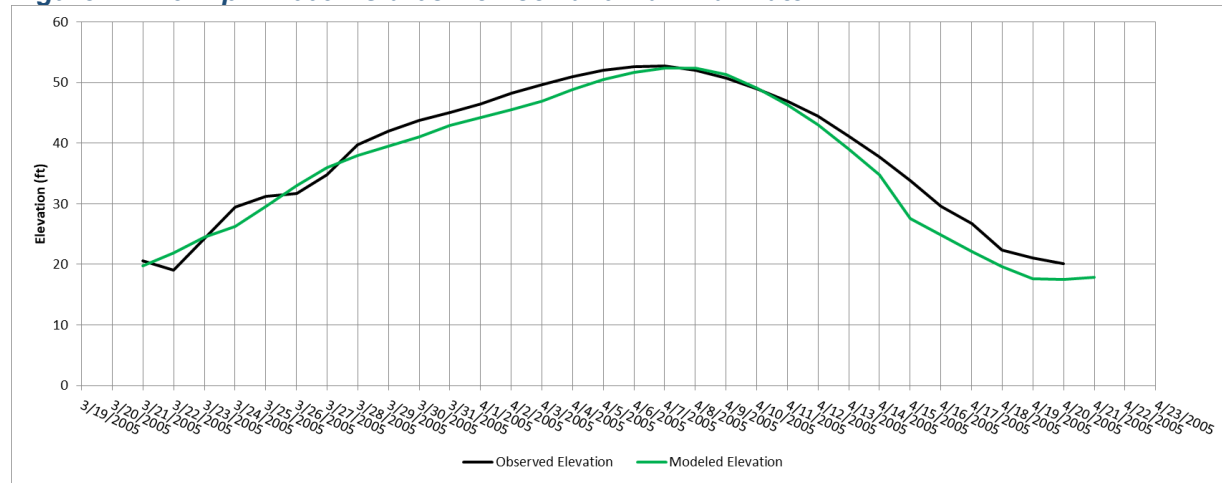
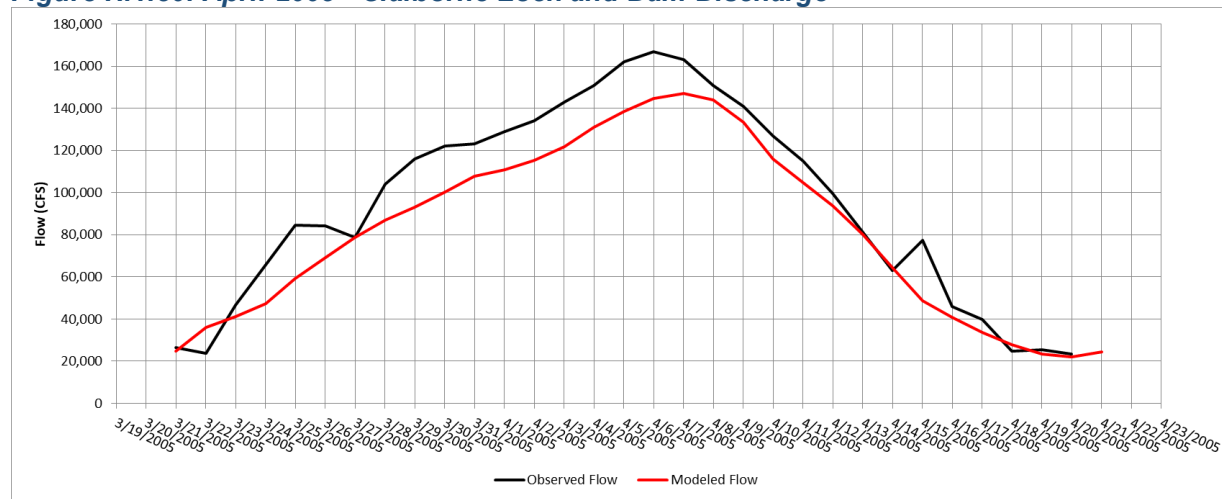


Figure H.1.30: April 2005 - Claiborne Lock and Dam Discharge



Subpart 6: Validation – February 2014

Figure H.1.31: February 2014 - Millers Ferry Lock and Dam Headwater

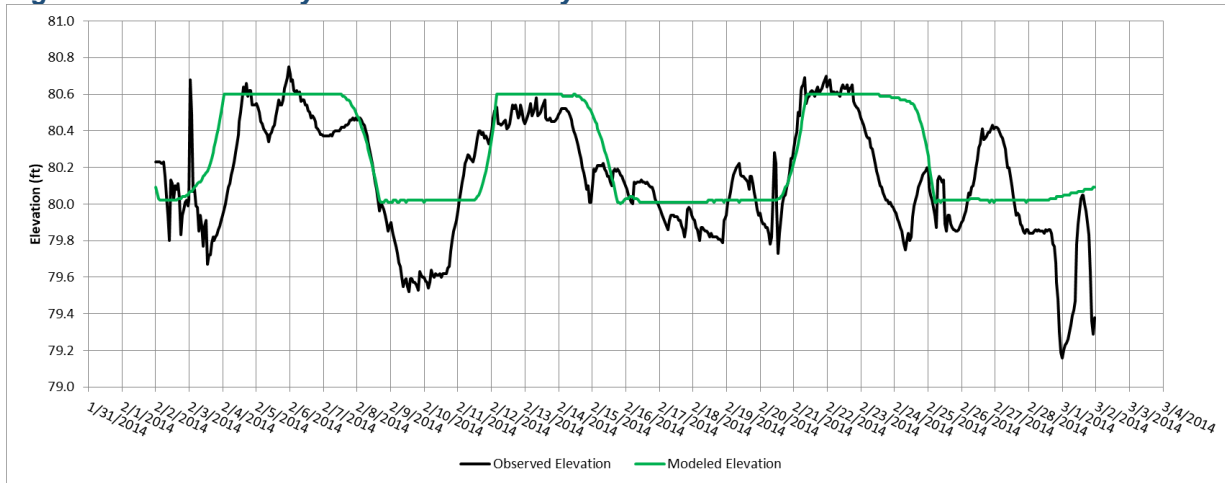


Figure H.1.32: February 2014 - Millers Ferry Lock and Dam Tailwater

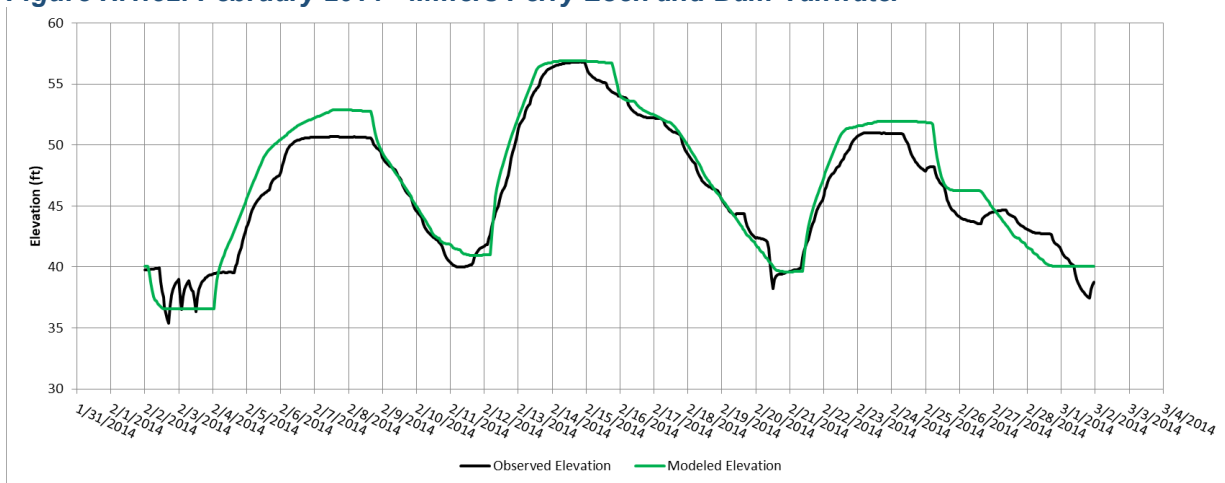


Figure H.1.33: February 2014 - Millers Ferry Lock and Dam Discharge

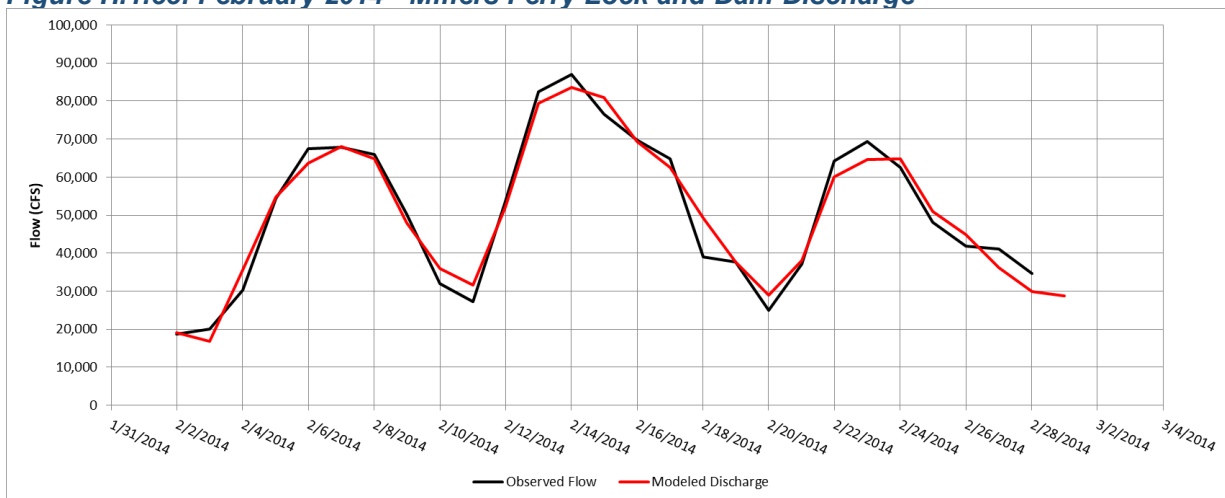


Figure H.1.34: February 2014 - Claiborne Lock and Dam Headwater

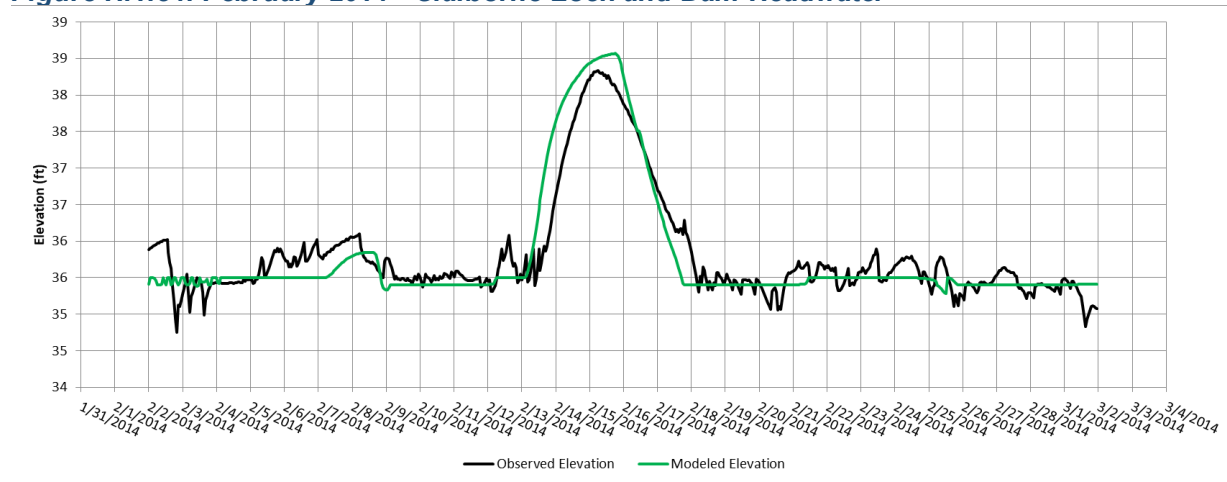


Figure H.1.35: February 2014 - Claiborne Lock and Dam Tailwater

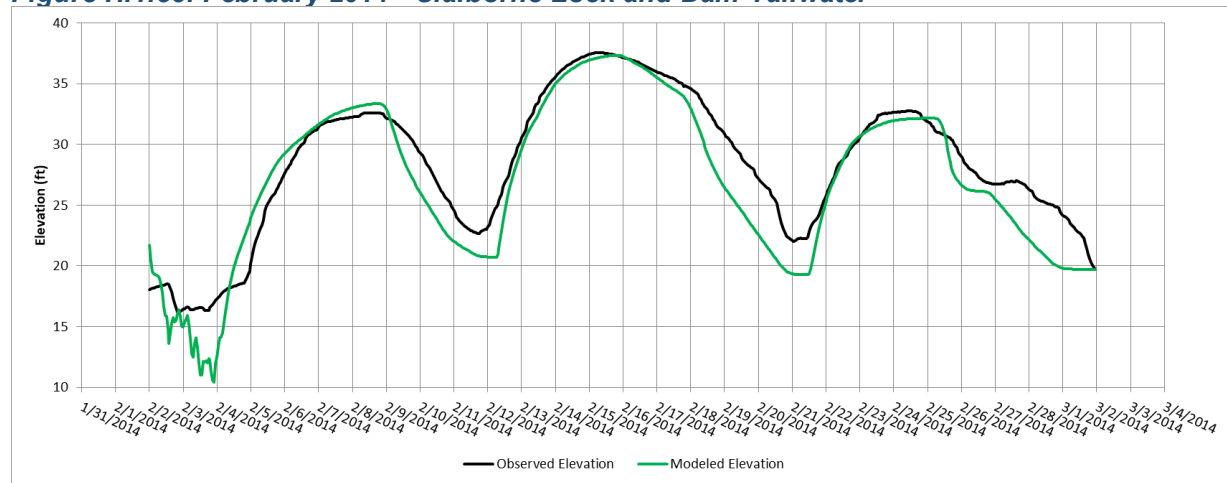
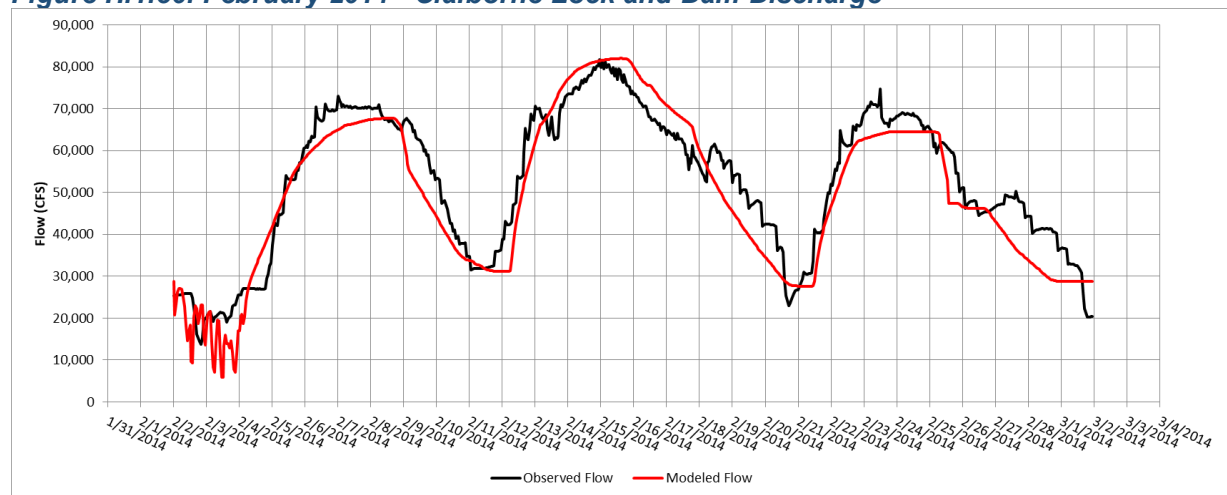


Figure H.1.36: February 2014 - Claiborne Lock and Dam Discharge



Subpart 7: Validation – April 2016

Figure H.1.37: April 2016 - Millers Ferry Lock and Dam Headwater

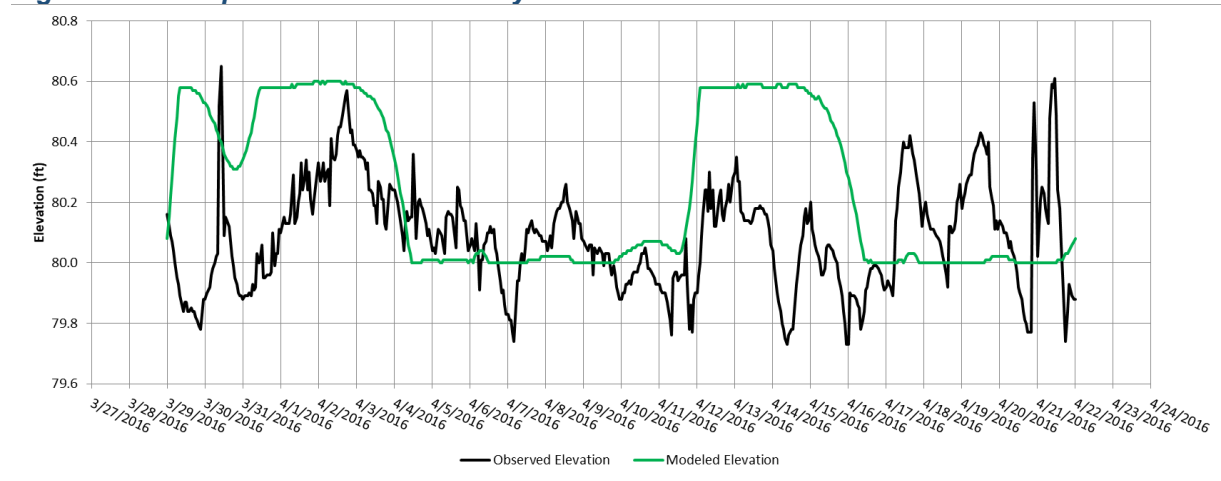


Figure H.1.38: April 2016 - Millers Ferry Lock and Dam Tailwater

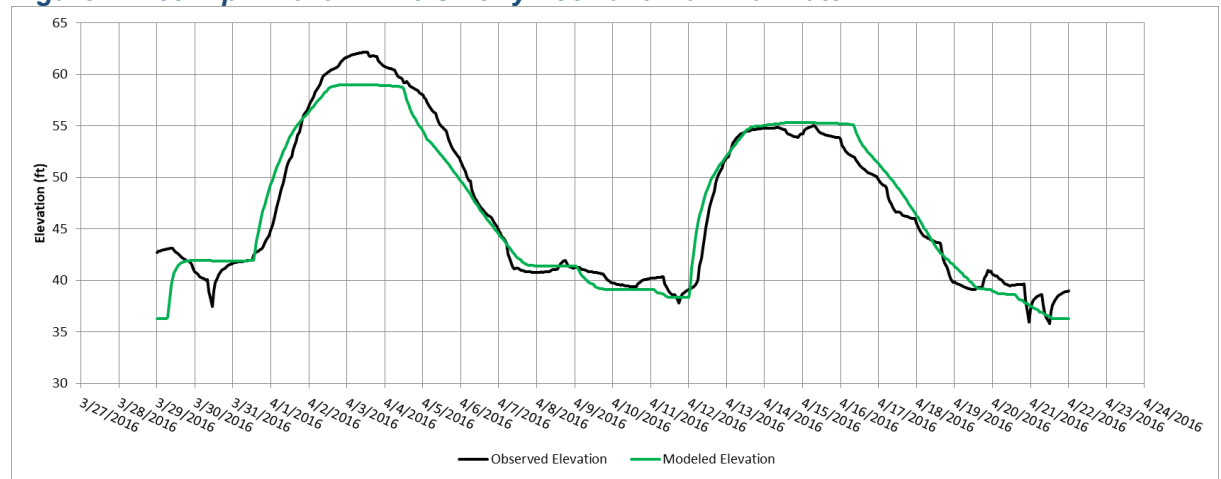


Figure H.1.39: April 2016 - Millers Ferry Lock and Dam Discharge

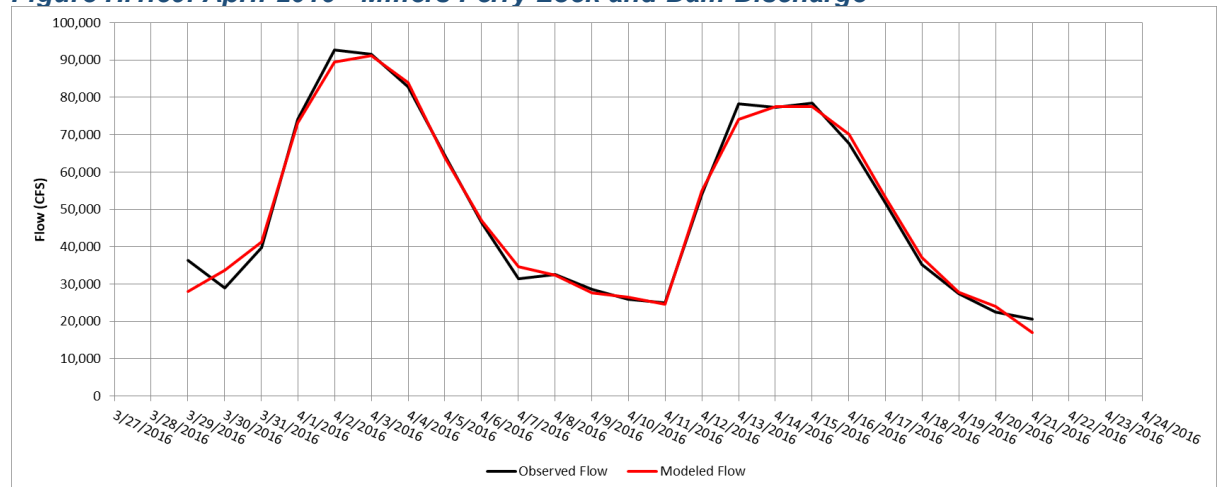


Figure H.1.40: April 2016 - Claiborne Lock and Dam Headwater

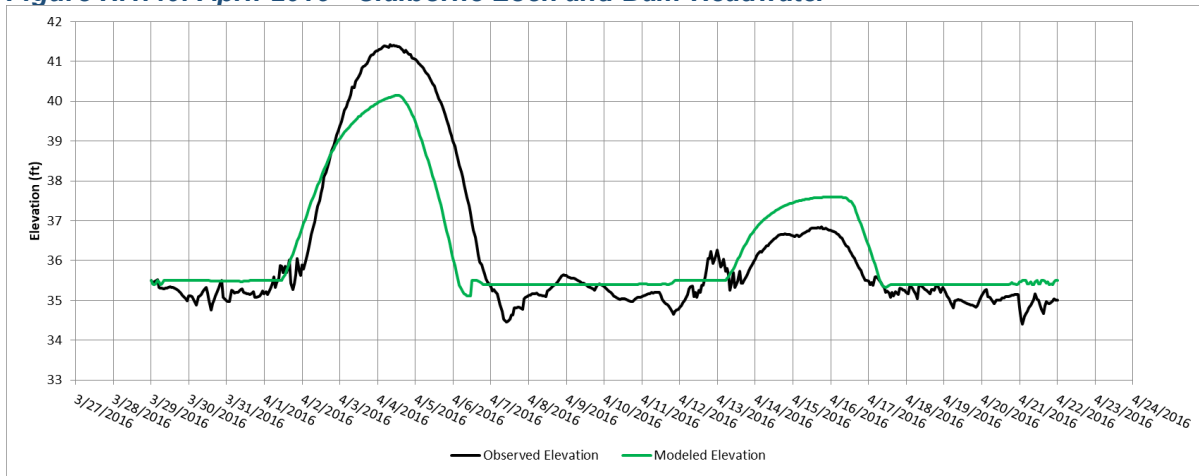


Figure H.1.41: April 2016 - Claiborne Lock and Dam Tailwater

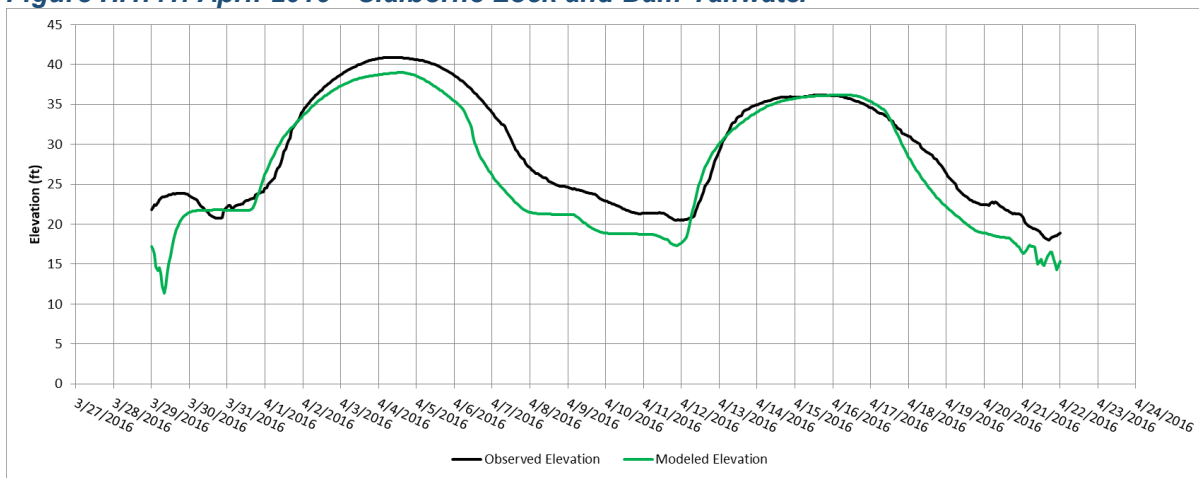


Figure H.1.42: April 2016 - Claiborne Lock and Dam Discharge

