Susitna-Watana Hydroelectric Project Document ARLIS Uniform Cover Page

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Contains: appendix B. Thermistor figures appendix C. Water quality meteorological station data.		
The following parts of Section 5.5 appear in separate files: Main report; Figures; Appendix A; Appendices B-C; Appendices D-I; Appendix J.		

All reports in the Susitna-Watana Hydroelectric Project Document series include an ARLIS-produced cover page and an ARLIS-assigned number for uniformity and citability. All reports are posted online at http://www.arlis.org/resources/susitna-watana/





APPENDIX B: THERMISTOR FIGURES

APPENDIX C: WATER QUALITY METEOROLOGICAL STATION DATA

Susitna-Watana Hydroelectric Project (FERC No. 14241)

Baseline Water Quality Study (5.5)

Appendix B Thermistor Figures

Initial Study Report

Prepared for



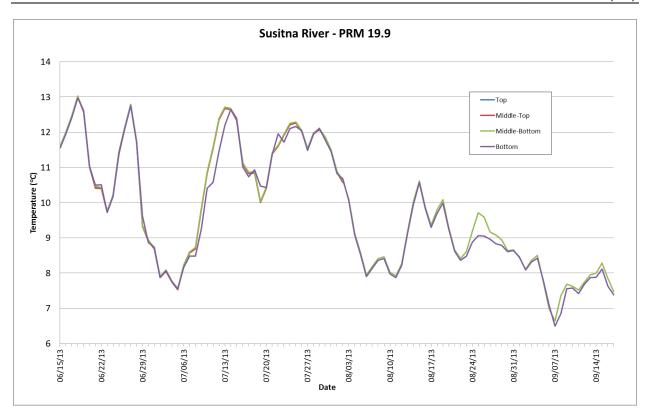
SUSITNA-WATANA HYDRO

Clean, reliable energy for the next 100 years.

Prepared by

Tetra Tech

February 2014 Draft



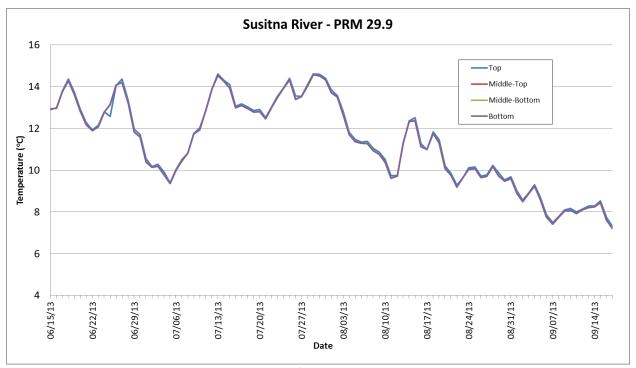
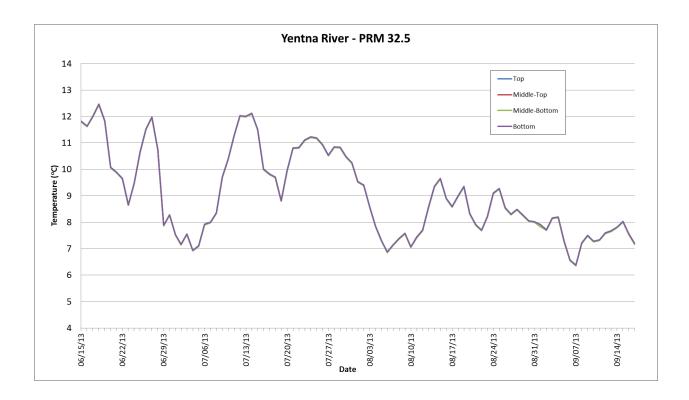


Figure B-1. 2013 Thermistor Temperature Data for the Susitna Project Area.



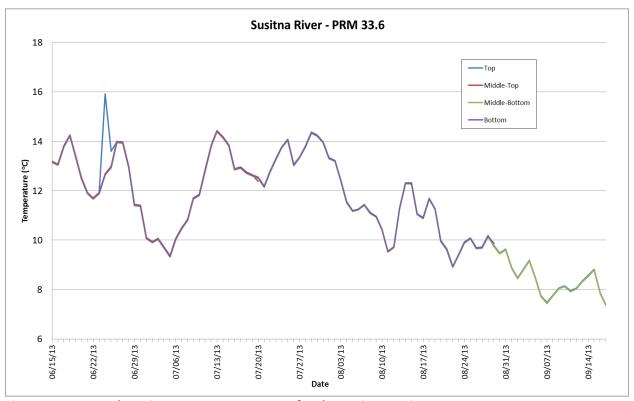
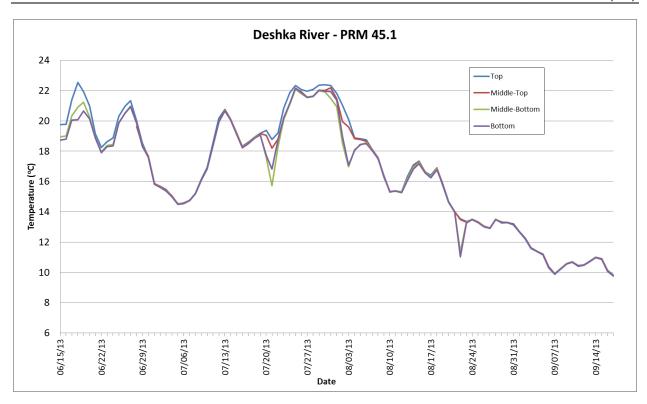


Figure B-2. 2013 Thermistor Temperature Data for the Susitna Project Area.



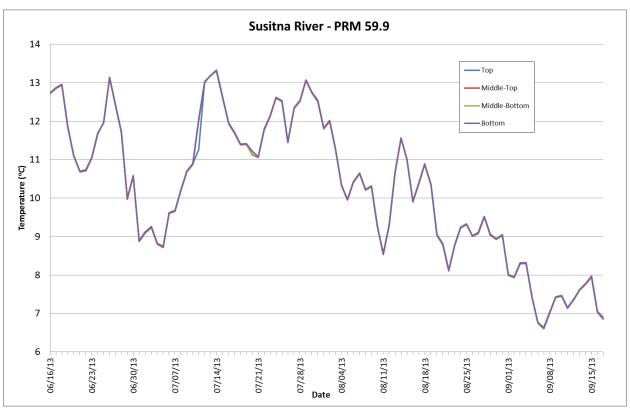
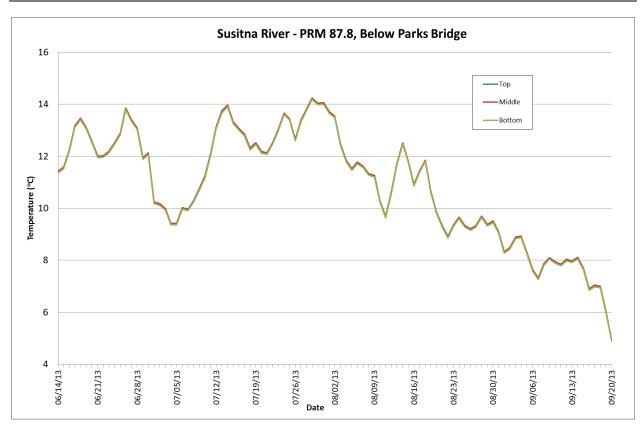


Figure B-3. 2013 Thermistor Temperature Data for the Susitna Project Area.



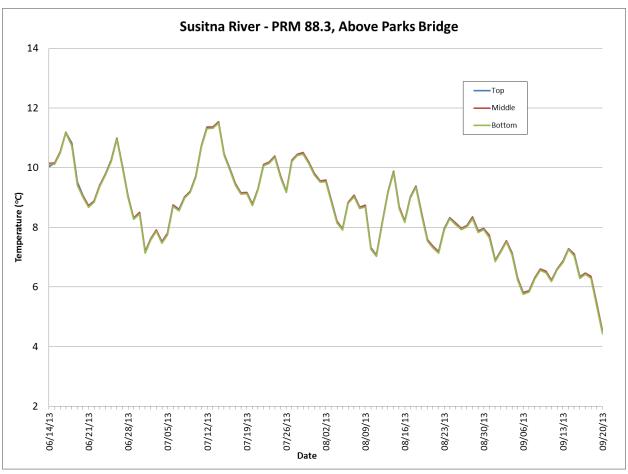
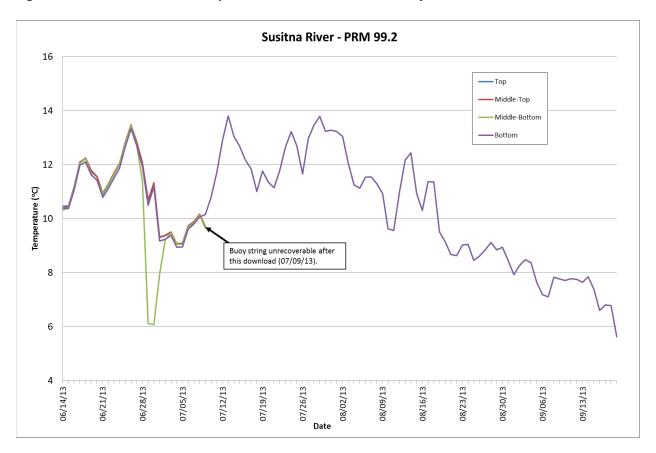


Figure B-4. 2013 Thermistor Temperature Data for the Susitna Project Area.



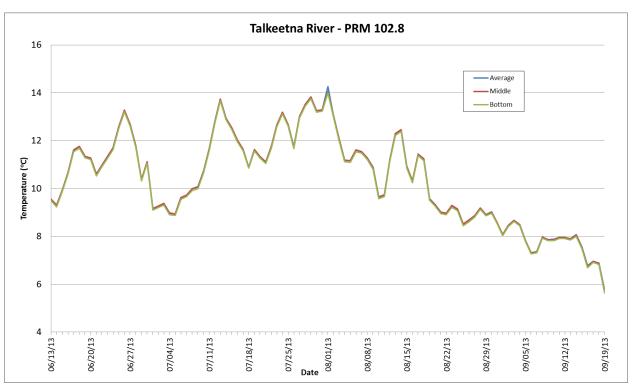
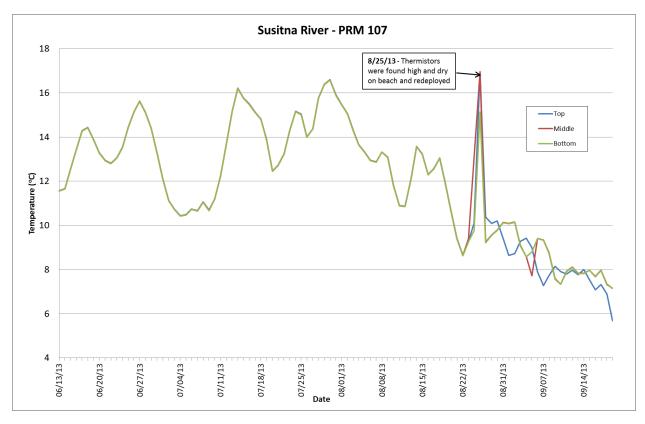


Figure B-5. 2013 Thermistor Temperature Data for the Susitna Project Area.



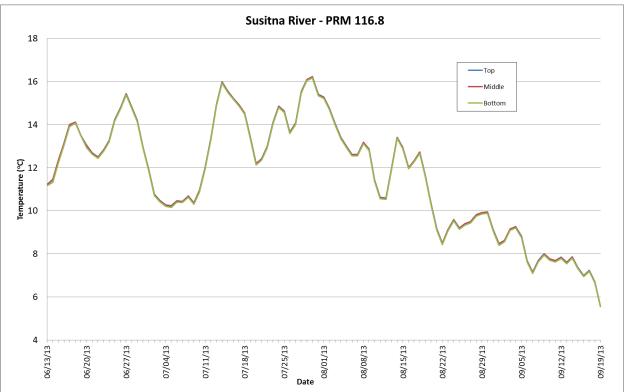
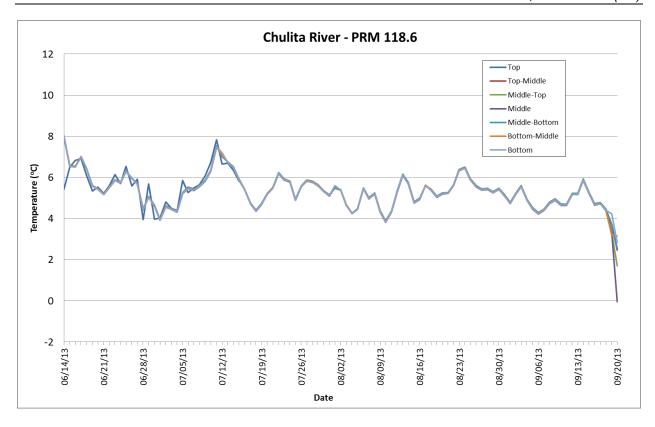


Figure B-6. 2013 Thermistor Temperature Data for the Susitna Project Area.



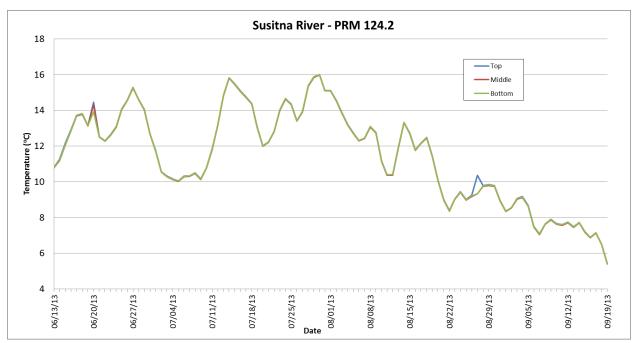
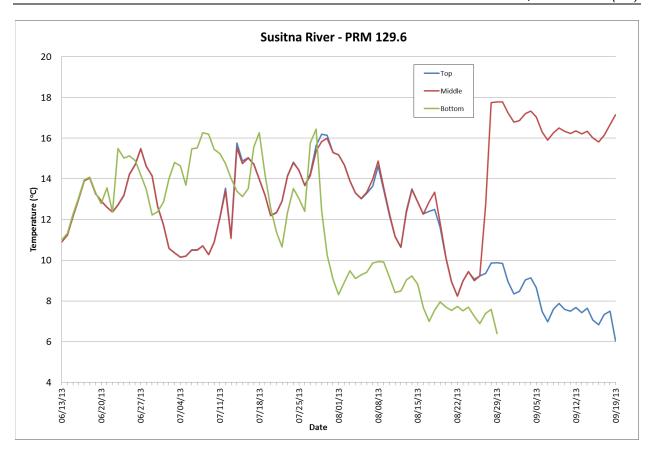


Figure B-7. 2013 Thermistor Temperature Data for the Susitna Project Area.



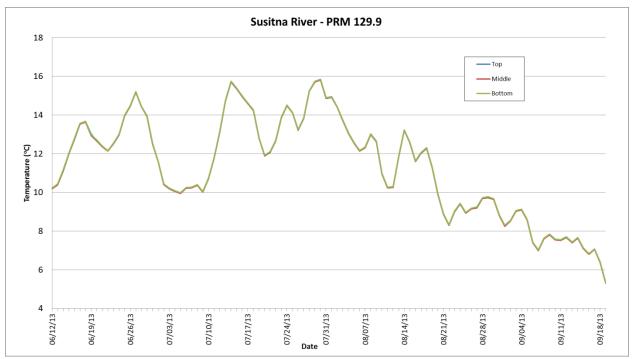
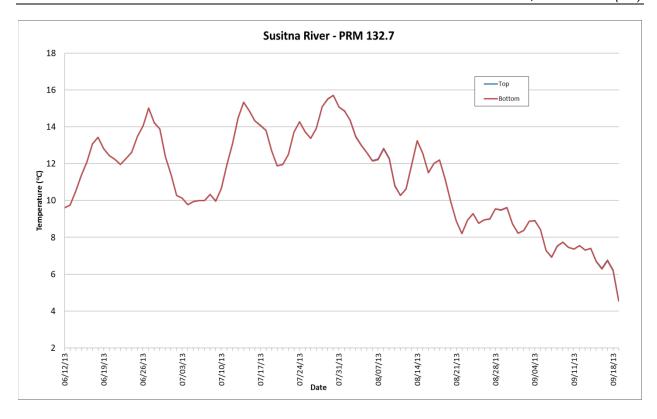


Figure B-8. 2013 Thermistor Temperature Data for the Susitna Project Area.



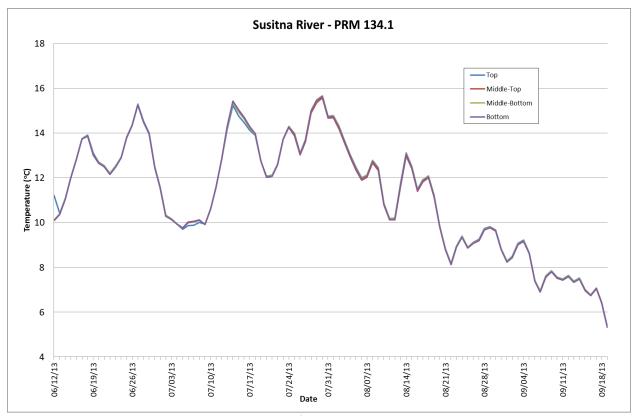
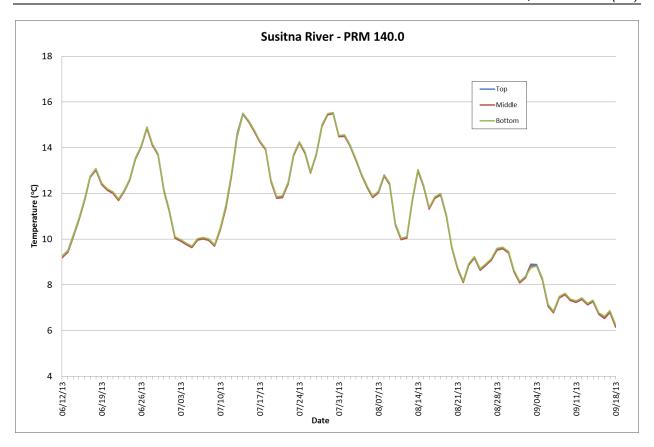


Figure B-9. 2013 Thermistor Temperature Data for the Susitna Project Area.



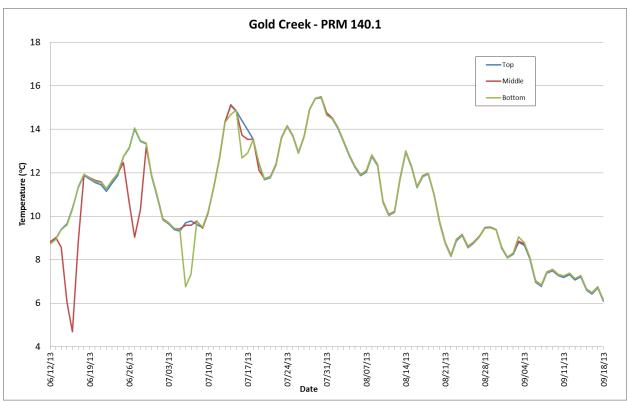
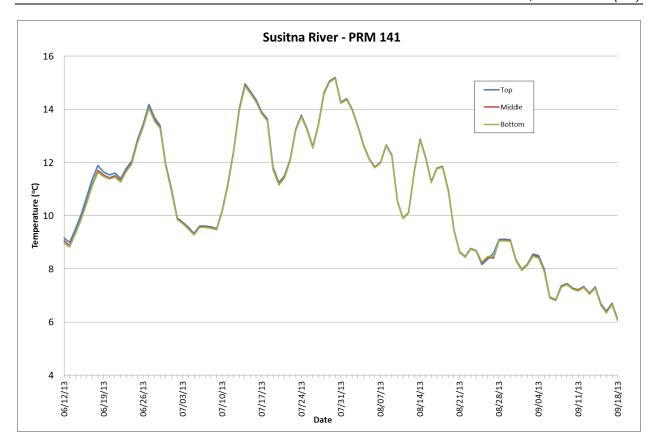


Figure B-10. 2013 Thermistor Temperature Data for the Susitna Project Area.



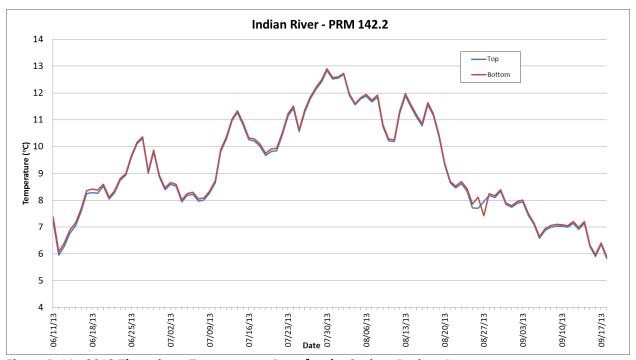
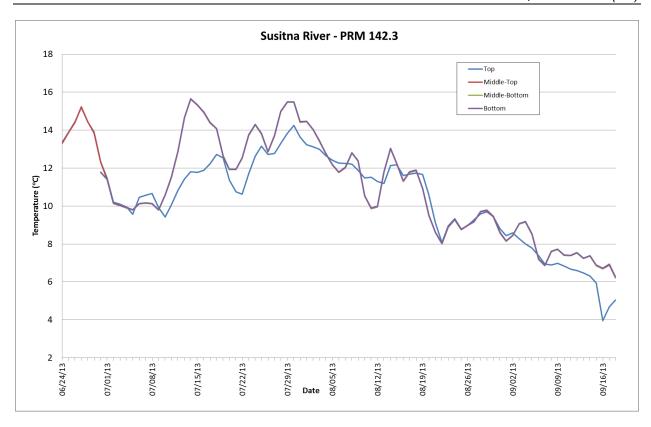


Figure B-11. 2013 Thermistor Temperature Data for the Susitna Project Area.



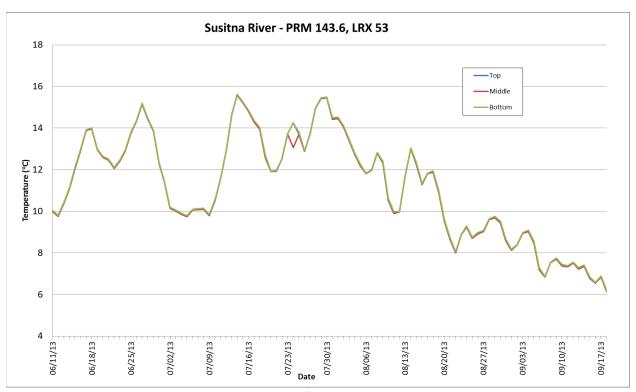
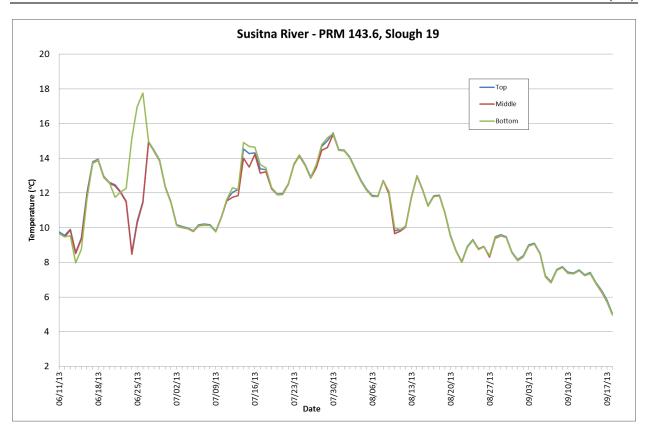


Figure B-12. 2013 Thermistor Temperature Data for the Susitna Project Area.



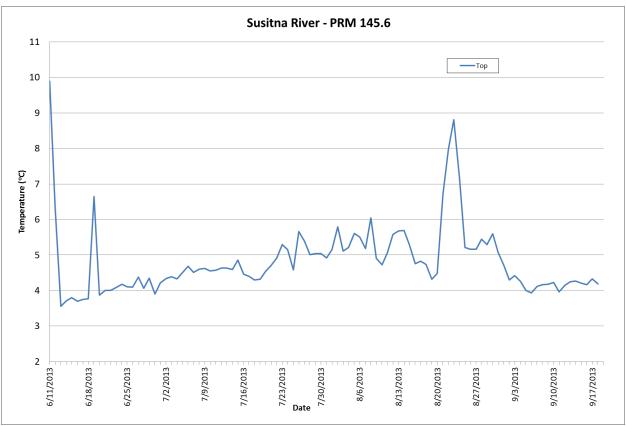
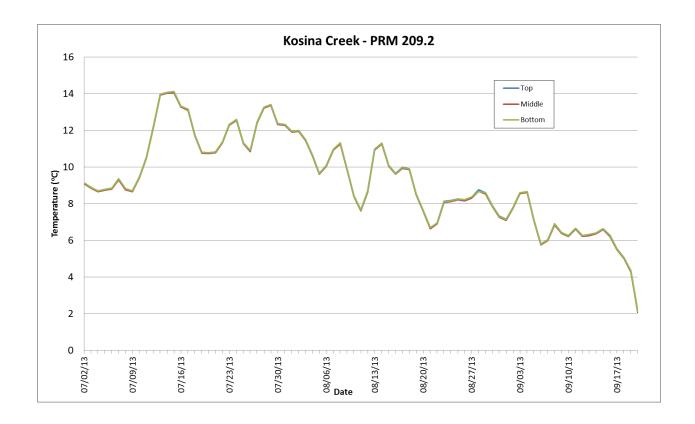


Figure B-13. 2013 Thermistor Temperature Data for the Susitna Project Area.



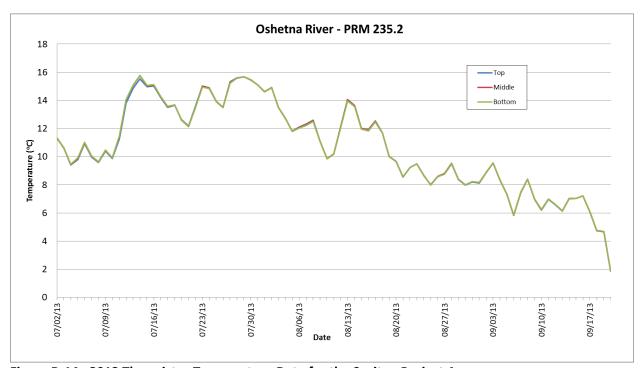


Figure B-14. 2013 Thermistor Temperature Data for the Susitna Project Area.

Susitna-Watana Hydroelectric Project (FERC No. 14241)

Baseline Water Quality Study (5.5)

Appendix C
Water Quality Meteorological Station Data

Initial Study Report

Prepared for

Alaska Energy Authority



Prepared by

Tetra Tech

February 2014 Draft

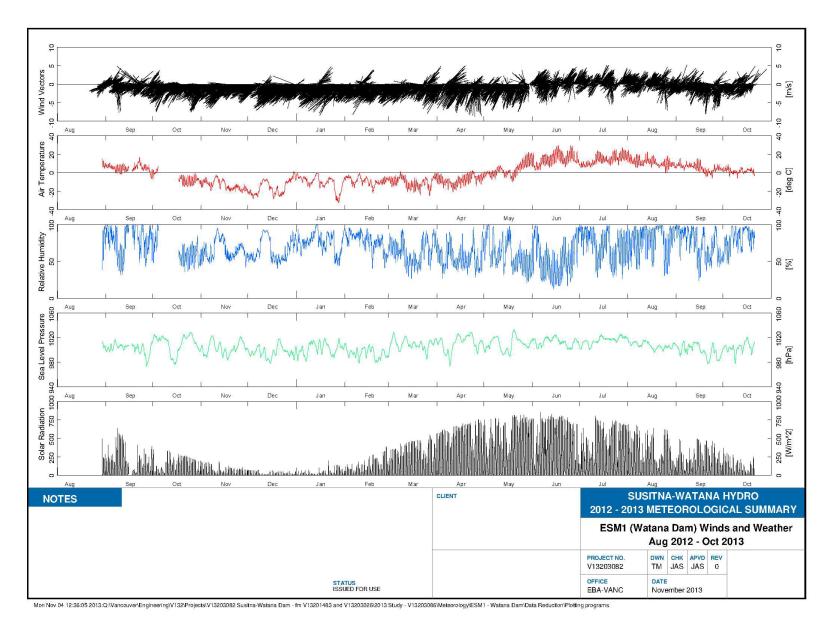


Figure C-1. ESM1 Watana Dam Site Winds and Weather Meteorological Summary, 2012-2013

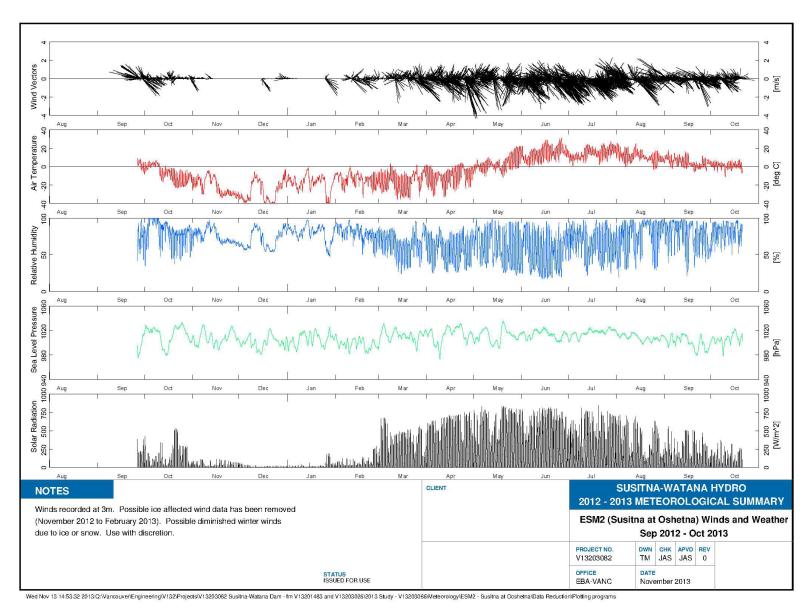


Figure C-2. ESM2 Susitna at Oshetna Winds and Weather Meteorological Summary, 2012-2013

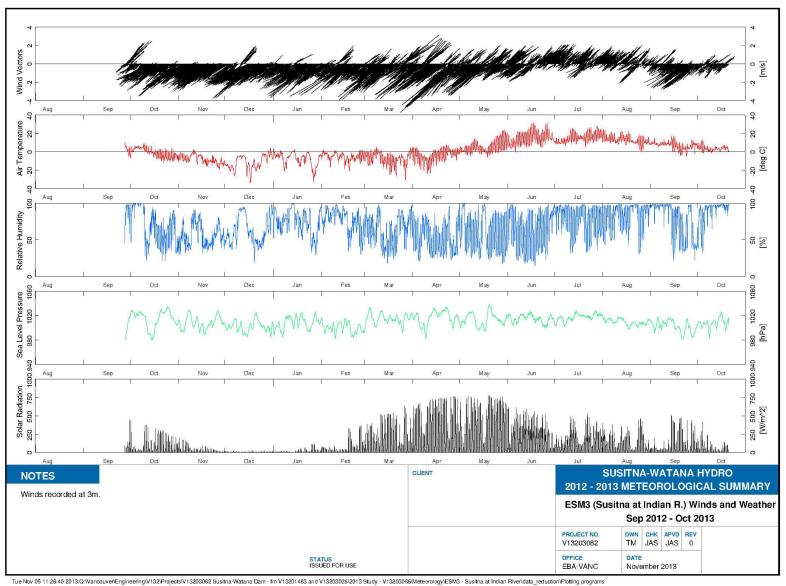


Figure C-3. ESM3 Susitna at Indian River Winds and Weather Meteorological Summary, 2012-2013

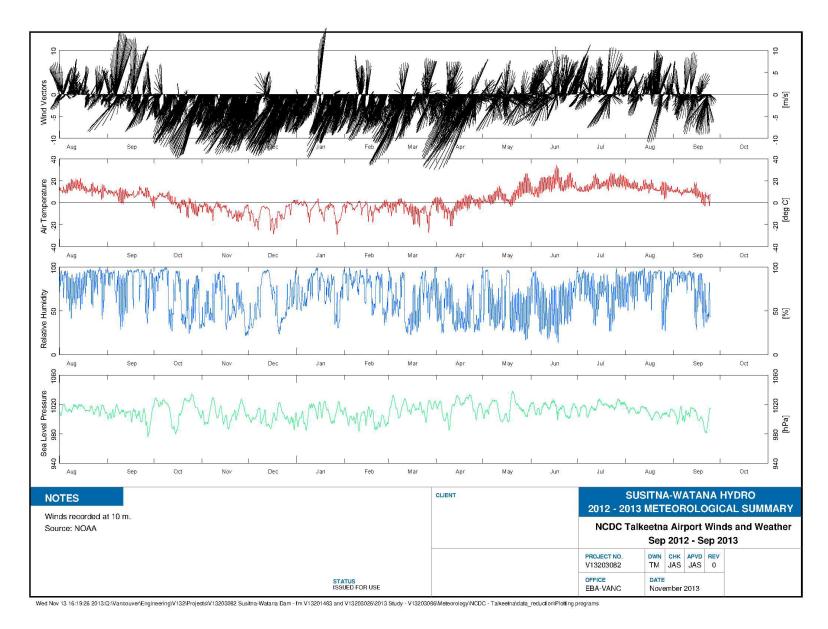


Figure C-4. Talkeetna Airport Station Winds and Weather Meteorological Summary, 2012-2013

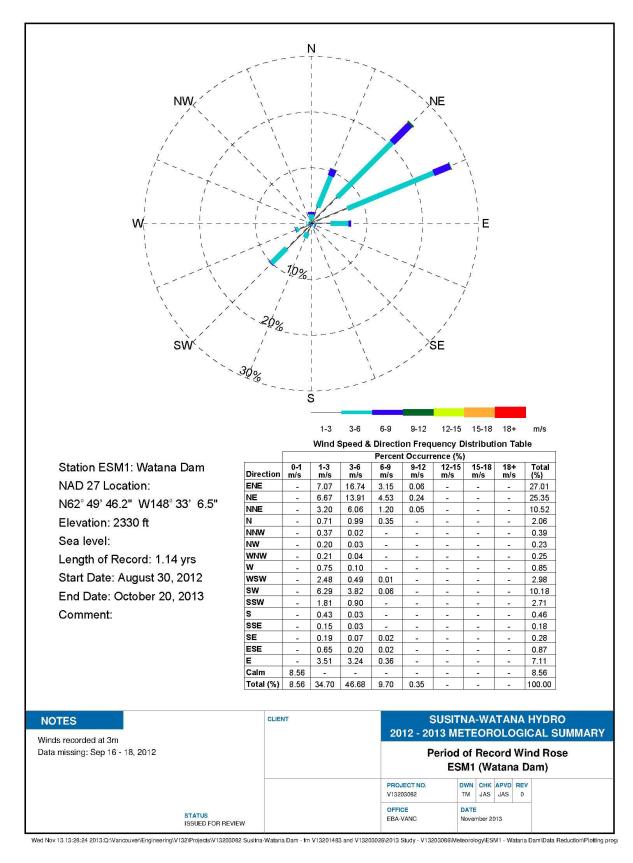


Figure C-5. Period of Record Wind Rose for ESM1, the Watana Dam Site, 2012-2013.

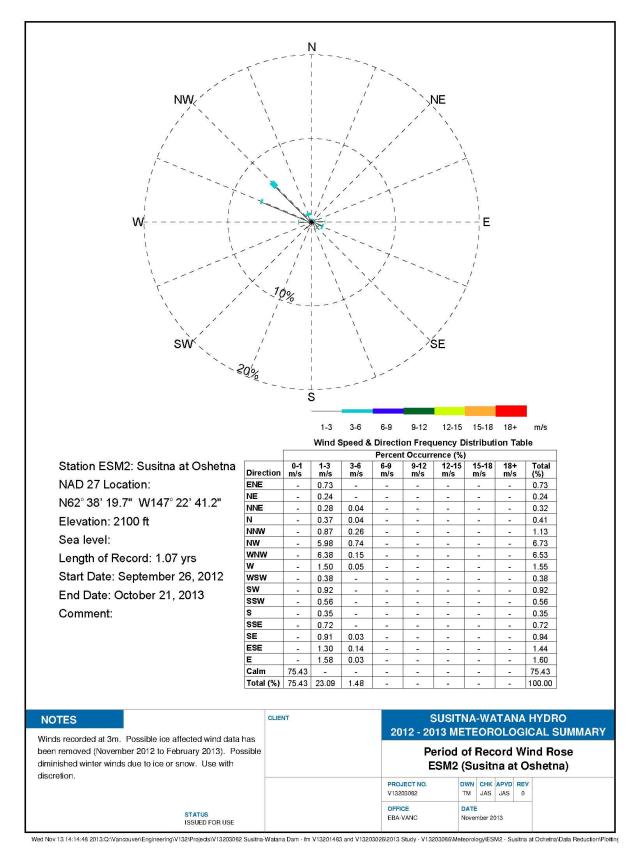


Figure C-6. Period of Record Wind Rose for ESM2 the Susitna at Oshetna Site, 2012-2013.

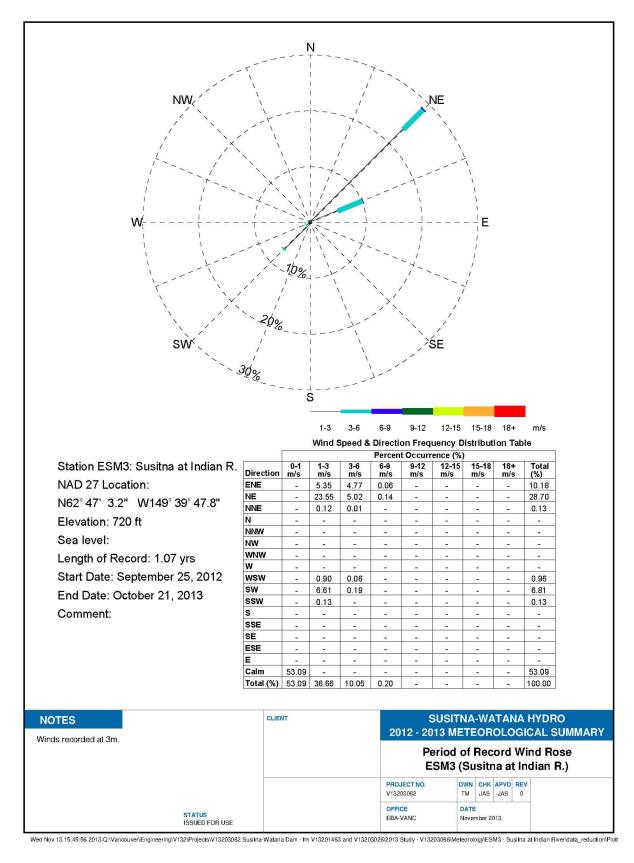


Figure C-7. Period of Record Wind Rose for ESM3 Susitna at Indian River, 2012-2013.

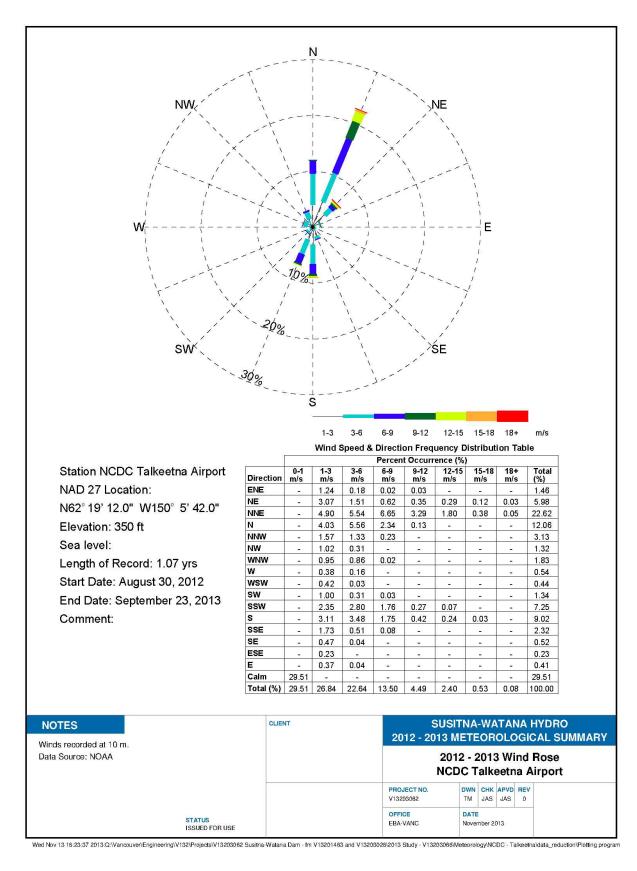


Figure C-8. Period of Record Wind Rose for Talkeetna Airport, 2012-2013

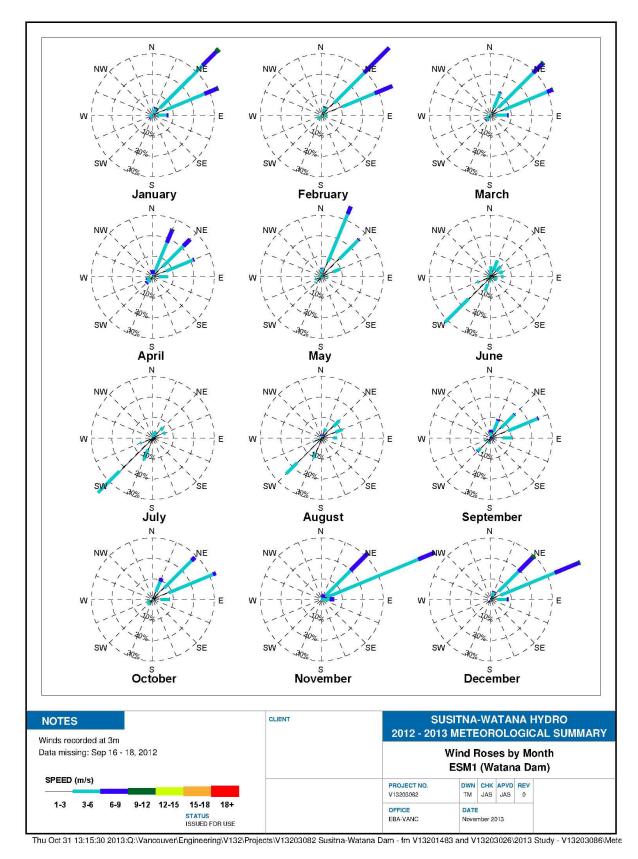


Figure C-9. Wind Roses by Month for ESM1, the Watana Dam Site, 2012-2013

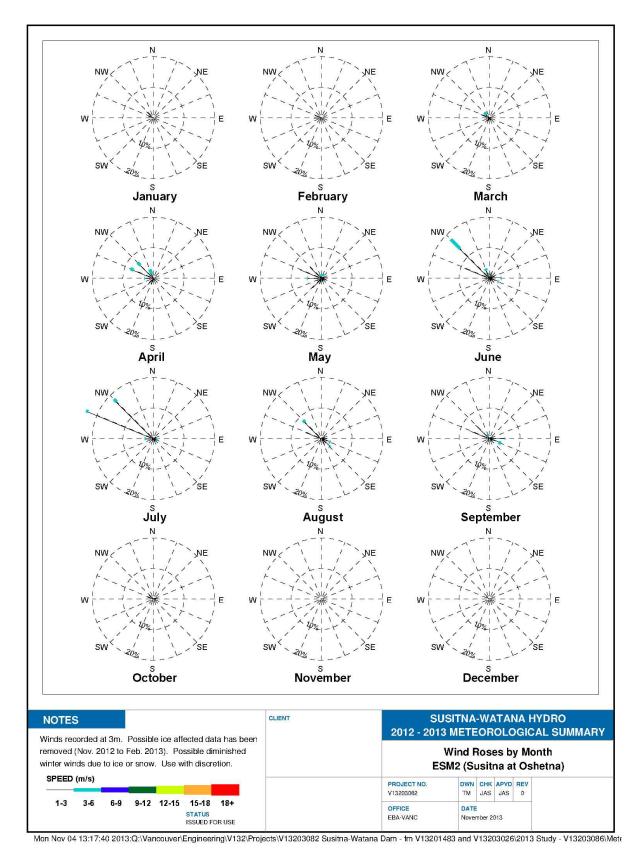


Figure C-10. Wind Roses by Month for ESM2, the Susitna at Oshetna Site, 2012-2013

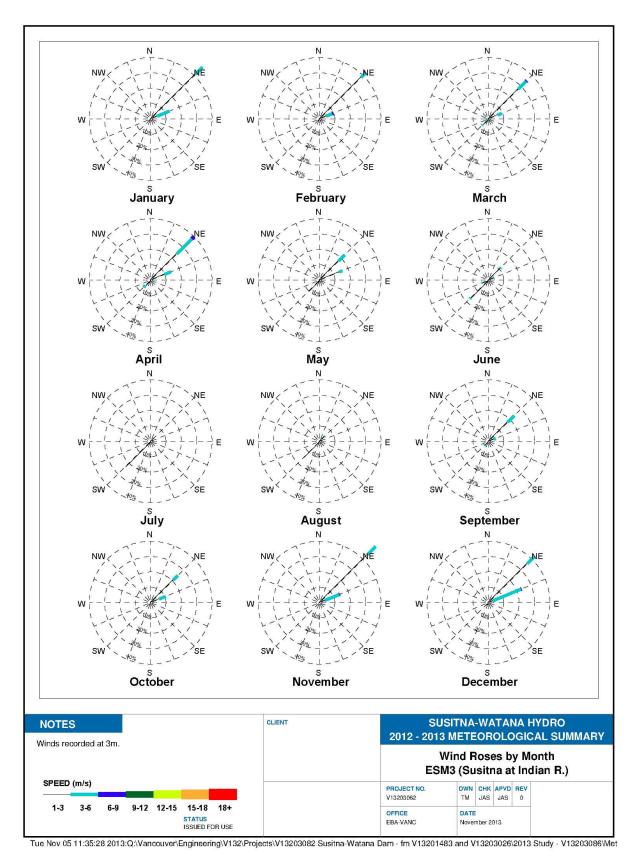


Figure C-11. Wind Roses by Month for ESM3, the Susitna at Indian River Site, 2012-2013

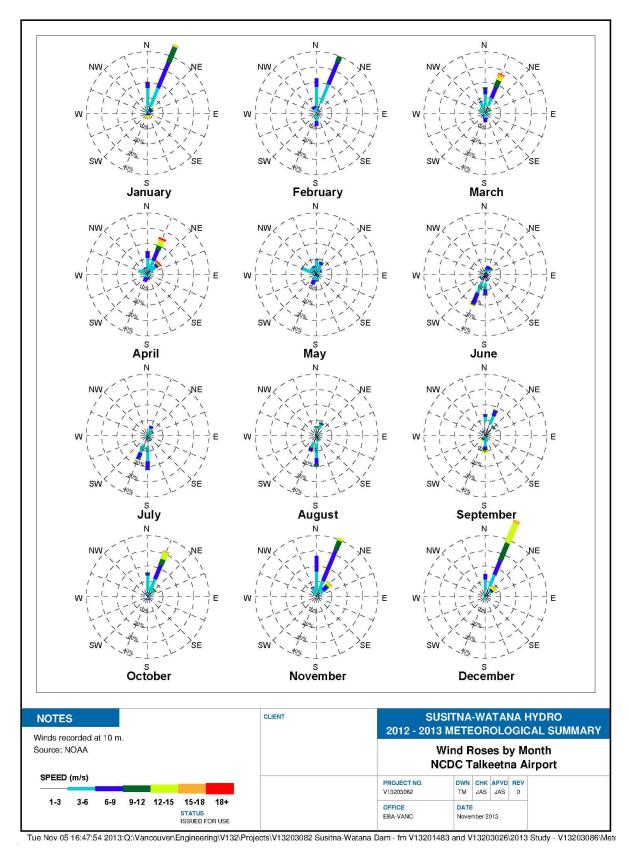


Figure C-12. Wind Roses by Month for the Talkeetna Airport Site, 2012-2013

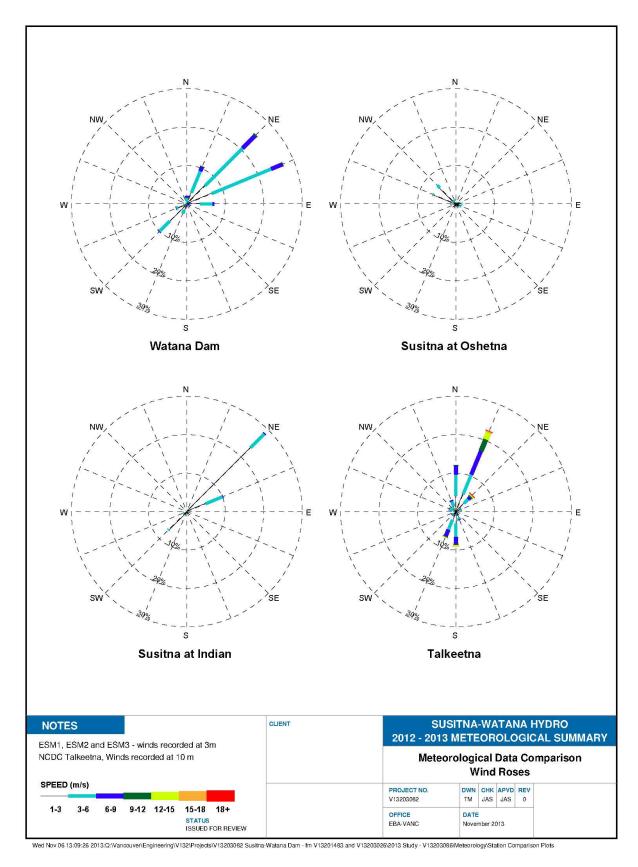


Figure C-13. Comparison of Wind Roses for all Susitna Sites, 2012-2013

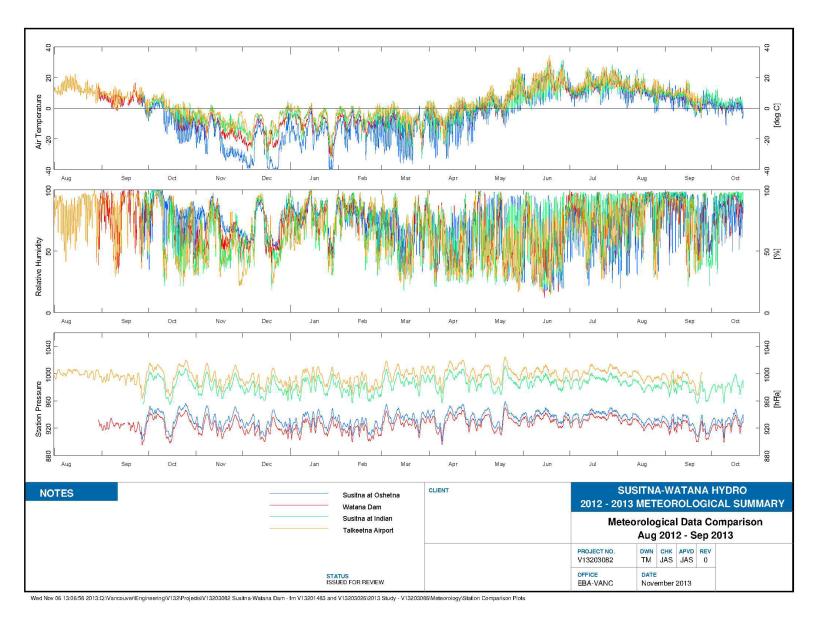


Figure C-14. Meteorological Data Comparison for all Susitna Sites, 2012-2013