Climate Change and Weather Data Comparisons
“A Comparative Study of State, National and Local Weather Information”

Sarah Zavala & Rose Buffalo Chief
Nebraska Indian Community College
The twin tornadoes that leveled the small town of Pilger, Nebraska on Monday, June 16, 2014, killing two and injuring nearly two dozen, were a horrifying, relatively rare phenomenon. One of the twisters was rated an EF-4 on the Enhanced Fujita Tornado Damage Scale, with winds as high as 200 miles per hour.
Results

Temperature Anomalies, 1900-2013, Nebraska, US 48, and Global
Annual Average Temperatures, 1900-2013, Santee NE, South Sioux City NE, State of Nebraska and the US 48
Average Annual Precipitation, 1900-2013. Santee NE, South Sioux City NE, State of NE, and US 48 states.
References

• Climate Prediction Center, www.cpc.ncep.noaa.gov
• High Plains Regional Climate Center, www.hprcc.unl.edu
• National Climate Data Center, www.ncdc.noaa.gov
• National Drought Mitigation Center, www.drought.unl.edu

Acknowledgements

We would like to thank Nebraska Indian Community College, NOAA and High Plains Regional Climate Center and NASA, Nebraska Space Grant for all their help with this project.