

## **Project Summary**

### **Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title:** Climate Summary Reports for the Greater Yellowstone Network Inventory and Monitoring Program

**Discipline:** Natural

**Type of Project:** Technical assistance

**Funding Agency:** National Park Service

**Other Partners/Cooperators:** University of Wyoming

**Effective Dates:** September 1, 2007- April 30, 2009

**Funding Amount:** \$8084

**Investigators and Agency Representative:**

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**Project Abstract:** The primary objectives of this task agreement are to 1) prepare annual climate summary reports for the Greater Yellowstone Network which includes Yellowstone and Grand Teton National Parks and Bighorn Canyon National Recreation Area. The climate summary report is a product that offers a narrative summary of recent network-wide climate conditions with mention of any notable extreme events at both a park and regional levels. The report would include reviews of recent conditions focused on key indicators of climate (precipitation, temperature, snowpack and streamflow etc.) and would address seasonal forecasts or outlooks. The actual content and decisions on scale would be developed as part of this task agreement and in collaboration with the NPCLIME project. The data QA/QC product is intended to describe the data issues encountered when developing the GRYN climate reports and how these issues were resolved. All of portions of this report may be used by the NPCLIME project as a case study in resolving climate data issues.

**Outcomes with Completion Dates:** (1) Annual Climate Summary Reports for Greater Yellowstone Network parks (April 1, 2008), (2) Data quality control and quality assurance: resolving data issues (June 30, 2008)

**Keywords:** University of Wyoming, Greater Yellowstone I&M network, climate, Quality Control