

### **Assignment 1**

Website: UNITED STATES HISTORICAL CLIMATOLOGY NETWORK

Address: <http://cdiac.ornl.gov/epubs/ndp/ushcn/newushcn.html>

This website contains daily climate data for 1062 stations and monthly climate data for 1221 weather stations from across the continental United States. The climate variables available for daily data are maximum temperature, minimum temperature, total rainfall, total snowfall, and snow dept. Monthly variables include the monthly average minimum temperature, maximum temperature, mean temperature, and total precipitation for the month. U.S. Cooperative Observing Network stations and National Weather Service first order stations collect the data used on this site. The stations are located in both rural and urban settings and generally include at least 50 years of data as recent as 2005. The sites selected contain a minimum amount of missing data. The user may select which variables over what time intervals they require. Additionally, graphs of selected variables can be quickly generated for a particular time period. Data can be downloaded in both network common data form (NetCDF) or in ASCII format.