

## **Active and Inactive USGS Gaging Stations Data Description**

Sources of data:

United States Geological Survey (USGS) in cooperation with the U.S. Environmental Protection Agency, 1999, National Hydrography Dataset (NHD) – Medium-resolution:  
U.S. Geological Survey, Reston, Virginia  
<http://nhd.usgs.gov/>

Pennsylvania Department of Transportation, Bureau of Planning and Research,  
Cartographic Information Division, 2004, Pennsylvania City Boundaries, 2004:  
Pennsylvania Department of Transportation, Harrisburg, PA  
<http://www.pasda.psu.edu/>

United States Geological Survey (USGS) Geological Survey, Gaging Stations 2004  
<http://waterdata.usgs.gov/nwis/sw>

### **Methods**

Active and Inactive USGS gauging stations were located by joining an excel table into a new shapefile to preserve attributes. Each station was assigned a unique code. The active gauging stations were extracted by the code and brought into a separate map. The locations were overlaid onto the watershed map along with main tributaries and cities. Stations were labeled with the code, which was linked to the station name in the legend.

## **NOAA Weather Stations Data Description**

Sources of data:

United States Geological Survey (USGS) in cooperation with the U.S. Environmental Protection Agency, 1999, National Hydrography Dataset (NHD) – Medium-resolution:  
U.S. Geological Survey, Reston, Virginia  
<http://nhd.usgs.gov/>

Pennsylvania Department of Transportation, Bureau of Planning and Research,  
Cartographic Information Division, 2004, Pennsylvania City Boundaries, 2004:  
Pennsylvania Department of Transportation, Harrisburg, PA  
<http://www.pasda.psu.edu/>

National Oceanic and Atmospheric Administration, NOAA Weather Stations, 2004  
<http://hurricane.ncdc.noaa.gov/pls/plclimprod/>

## **Methods**

To position NOAA weather station locations on the French creek watershed map, an excel table was created of the weather stations. This table was joined to the attribute table of a new shapefile to preserve attributes. The locations were overlaid onto the watershed map, along with main tributaries and cities, and labeled.