

DOWNLOADING NCEI DATA

<http://www.ncdc.noaa.gov/cdo-web/search>

Click daily summaries

Date range- click on Jan 1, 1900 to [current date]

Search for cities (click drop down)

Search term (your city, OR)

Click on the city and under “included stations” if there are more than one, click on “see station list below”

Search for the longest and most complete record

Air temperature

- Maximum temperature (tenths of degrees C) (TMAX)
- Minimum temperature (tenths of degrees C) (TMIN)

Request data- Only include 2-3 cities per request- more than that will exceed the maximum amount of data that can be downloaded per request.

It can take up to a day for the data to be uploaded to a server where you can access it. You will download it as a text file from the internet to your hard drive.

For classroom records (suggested google document):

List the city, the station (if named different from the city), the station number, start year, end year and any notes you have (e.g. if you have to stitch together 2 or 3 records to make a complete record note when and where the records change)