

Metadata for Comma Separated Values (csv) Files

2009EQ.csv

2009 Earthquakes with magnitudes greater than 4.

downloaded from:

http://earthquake.usgs.gov/earthquakes/eqarchives/epic/epic_global.php

A searchable database includes recent and historical datasets.

2010_quakes.csv

2010 Earthquakes downloaded from:

http://earthquake.usgs.gov/earthquakes/eqarchives/epic/epic_global.php

A searchable database includes recent and historical datasets.

GW Monitor sites.csv and GW Temperature.csv

Groundwater Monitoring and Temperature downloaded from:

http://water.usgs.gov/nawqa/studies/domestic_wells/

<http://water.usgs.gov/nawqa/about.html>

<http://infotrek.er.usgs.gov/apex/f?p=NAWQA:4:0>

The NAWQA Mapper allows you to view chemical concentrations found in streams, lakes, wells, and other sampling sites in the US. The data points presented on the map are generated directly from the 17 million water quality results stored in the NAWQA data warehouse. After a map is created, statistical distributions can be viewed, additional details can be queried for individual sites, and background maps from the [USGS National Map](#) can be turned on to provide spatial context to the water quality themes.

Journey North HB 20093.csv

Journey North data downloaded from:

<http://www.learner.org/jnorth/maps/archives.html>

The file is of Ruby Throated hummingbird migration patterns for 2009. To learn more about this data visit the journey north website. Additional data includes, monarch butterfly, gray whales and whooping cranes. The data was downloaded from the archives and reformatted into csv format.

sig_big.csv

Significant and Big Earthquakes downloaded from:

<http://www.ngdc.noaa.gov/nndc/struts/form?t=101650&s=1&d=1>

The Significant Earthquake Database contains information on destructive earthquakes from 2150 B.C. to the present that meet at least one of the following criteria: Moderate damage (approximately \$1 million or more), 10 or more deaths, Magnitude 7.5 or greater, Modified Mercalli Intensity X or greater, or the earthquake generated a tsunami.

Tornado touchdowns.csv

Tornado Touchdowns 1950 -2008 downloaded from:

<http://www.spc.noaa.gov/gis/svrgis/>

These csv files by year are available at <http://www.spc.noaa.gov/wcm/#data>
other data sets are available for tornado, hail, and damaging wind data.

US Thermal Springs.csv

US Thermal Springs downloaded from ArcIMS site <http://map.ngdc.noaa.gov/>
database of springs also available at:

[http://www.ngdc.noaa.gov/nndc/servlet/ShowDatasets?dataset=100006&search_look=1
&display_look=1](http://www.ngdc.noaa.gov/nndc/servlet/ShowDatasets?dataset=100006&search_look=1&display_look=1)

The Thermal Springs data available online from the National Geophysical Data Center contains 1661 hot springs for the United States.

World Glaciers.csv

National Snow and Ice Data Center. 1999. World Glacier Inventory.

World Glacier Monitoring Service and National Snow and Ice Data Center/World Data Center for Glaciology. Boulder, CO. Digital media.

Downloaded from: http://nsidc.org/data/docs/noaa/g01130_glacier_inventory/

This files includes approximately 45,000 records of glaciers around the world. Parameters within the inventory include geographic location, area, length, orientation, elevation, and classification of morphological type, and moraines. The inventory entries are based on a single observation in time and can be viewed as a snapshot of the glacier at this time. The core of this collection is data from the World Glacier Monitoring Service, Zurich, Switzerland. An updated inventory as of 2009 is available. It includes 100,000 records.