

# Filtering by Latitude-Longitude

**Latitude-Longitude:** When looking at a map, consider a rectangle that encloses the area of interest to you. In the United States, the absolute values of the maximum latitude and longitude define the upper-left (NW) corner, and the absolute values of the minimum latitude and longitude define the lower-right (SE) corner of that box.

- Remember **latitude** should be entered as a **positive decimal number** for locations in the United States
- Remember **longitude** should be entered as a **negative decimal number** for locations in the United States
- Try the USGS EarthExplorer system at this web site <http://earthexplorer.usgs.gov> to help find the approximate latitude and longitude
- For the best results define the smallest practical latitude-longitude box that includes the area of interest; retrievals from unnecessarily large latitude-longitude boxes (1x1 degree, for example) may yield many undesired sites.

*Example of a bounding box from Albany, New York (42.6526, -73.7562) in the north and east to St. Louis, Missouri (38.6270, -90.1994) in the south and west:*

Geographic Location Filter

No filter selected in this section

State

County

Latitude/Longitude

Drainage Basin/  
Hydrological Unit  
Code (HUC)

Ecoregion

Sites

North

West  East

South

\* - Latitude/Longitude values are in decimal degrees

[Filter Definition Help](#)