DNR Web Mapping Applications
Adding coordinates from spreadsheets to the map
Last Updated: February 12, 2018

Most of the DNR web map viewers have the ability to upload spatial data or LAT/LONG data to display/create points of customized data. First you will need to organize your LAT/LONGS to correctly identify the coordinates as well as the attributes. Then save the spreadsheet as a .CSV file (comma separated values) See the attached file for an example.
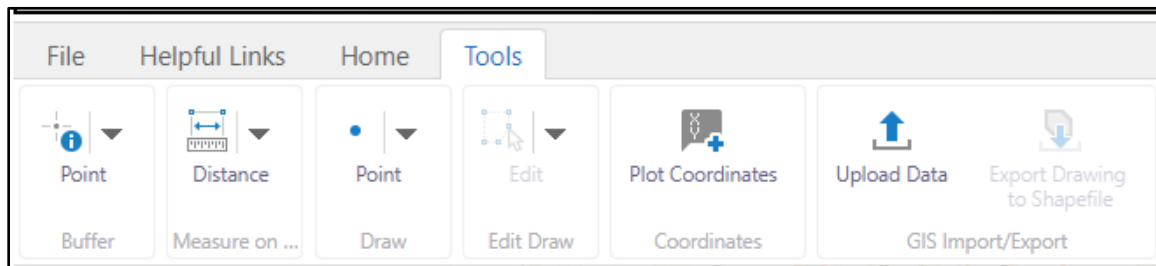
DNR_Centroids_Lat
Long.csv

Be mindful of which coordinate system your values are in so you can select the proper system in the upload below.
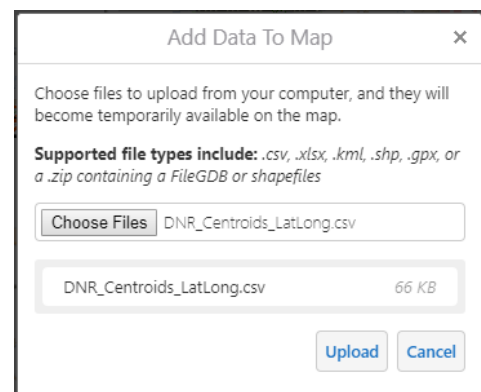
Open a DNR web mapping application
http://intranet.dnr.state.wi.us/int/land/facilities/DML.html
http://dnr.wi.gov/topic/lands/PAL/application.html

and navigate to the Tools tab➔Upload Data tool.

- Select **'Choose File'** and navigate to the .csv file

- Select 'Upload' and enter the X- and Y-Axis Columns as well as the Spatial Reference
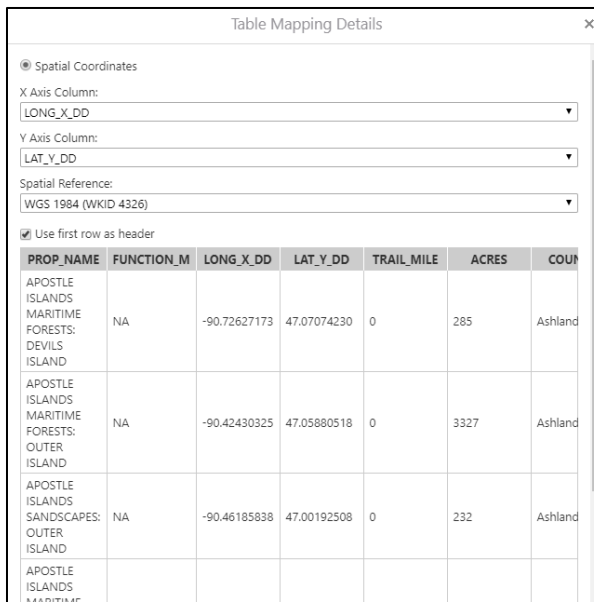
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- Remember:
  Lat = Y
  Long = X
  Spatial Reference = WGS 1984 (for lat/long)

- A well-organized file structure will upload easily (see below)

Table Mapping Details ✕

◉ Spatial Coordinates

X Axis Column:
LONG_X_DD ▾

Y Axis Column:
LAT_Y_DD ▾

Spatial Reference:
WGS 1984 (WKID 4326) ▾

☑ Use first row as header

PROP_NAME	FUNCTION_M	LONG_X_DD	LAT_Y_DD	TRAIL_MILE	ACRES	COUN
APOSTLE ISLANDS MARITIME FORESTS: DEVILS ISLAND	NA	-90.72627173	47.07074230	0	285	Ashland
APOSTLE ISLANDS MARITIME FORESTS: OUTER ISLAND	NA	-90.42430325	47.05880518	0	3327	Ashland
APOSTLE ISLANDS SANDSCAPES: OUTER ISLAND	NA	-90.46185838	47.00192508	0	232	Ashland
APOSTLE ISLANDS MARITIME						

- Select '**Confirm'**, then '**Proceed'**, and finally '**Done'**.
  You will then be offered to symbolize the data to your liking.

- The .CSV file layer will display in the LAYERS data frame.

- Customize your map by selecting a **map theme** that reflects your focus—or simply turn off/on the layers you need.