Downloading Your Datalogger

Step 1

Change the batteries in your Datalogger if necessary, plug your Datalogger into your laptop and then double click on the AllTopo icon on your computer’s desktop.
Step 2

Uncheck “Open Last Project”, and then click “OK”.

Step 3

Click “tools”, then “GPS Tool” in the drop down menu.
Step 4

Click “GPS Setup”
Step 5

Check the “GPS Datalogger (MT Ag)” button, and then select your “Com Port”.

IF YOU DO NOT KNOW WHICH COM PORT IS CORRECT; FOLLOW THESE NEXT 8 STEPS:
(For detailed instructions, please refer to “Finding Your Comport”).
A) Start
B) Settings
C) Control Panel
D) Administration Tools
E) Computer Management
F) Device Manager
G) Expand Ports (click on the “plus” sign)
H) Remember which Com Port has USB to Serial Cable. This will be your Com Port.
Step 6

Click "Test GPS Link", wait a few seconds, and then information similar to this should appear in the box to the right.
Step 7

Click the "Coordinate List" tab.
Step 8

Click the "GPS Receiver" button.
Step 9

Make sure “Waypoint List” is checked, and then click “OK”.
Step 10

Click the “Load Config” button. Your information should load automatically. Just make sure BTN’s match your Datalogger. If your button information is correct skip step 11.
Step 11

Double click the WEEDS_ND AttrList.
Step 12

Make sure your Datalogger buttons and this screen match up precisely. Press “OK”
If it does not match your Datalogger, go to the next step.
Step 13

Note how I highlighted Houndstongue, then selected the appropriate button to “Load from Grid”. Next, fill in your personal information, and then click “OK”.

```latex
\begin{itemize}
\item [\textbf{CYOF}] houndstongue, gypsophlower \rightarrow \text{Lycoris officinale L.}
\end{itemize}
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Step 14

Wait until you see this window. Click “Transfer Now”. This will be sent to the North Dakota Department of Agriculture.
Step 15

When the “File Transfer” is complete, click “OK”. (At this point, the data has been sent to the Department of Agriculture).
Step 16

Your window should now look like this. Click “Waypoint File”.

Loaded 32 lines into grid.

Your window should now look like this. Click “Waypoint File”.
Choose the Destination folder in the “save in:” at the top of the dialog box. This will direct where the points will be saved. Then name the file (bottom). This is typically the date of the download (For Example: 6122011). Click “Save”.
Step 18

Make sure “Individual Waypoints” is checked, and then click “OK”. Close the “ATM7: GPS Tool” window by clicking the red “X” in the upper right corner. At this point your data has been sent to the NDDA and saved to your computer.