Sensestream Tutorial

Created March 2023

1. To view and download the data from a water level sensor, go to
   https://www.sensestream.org/measurements.
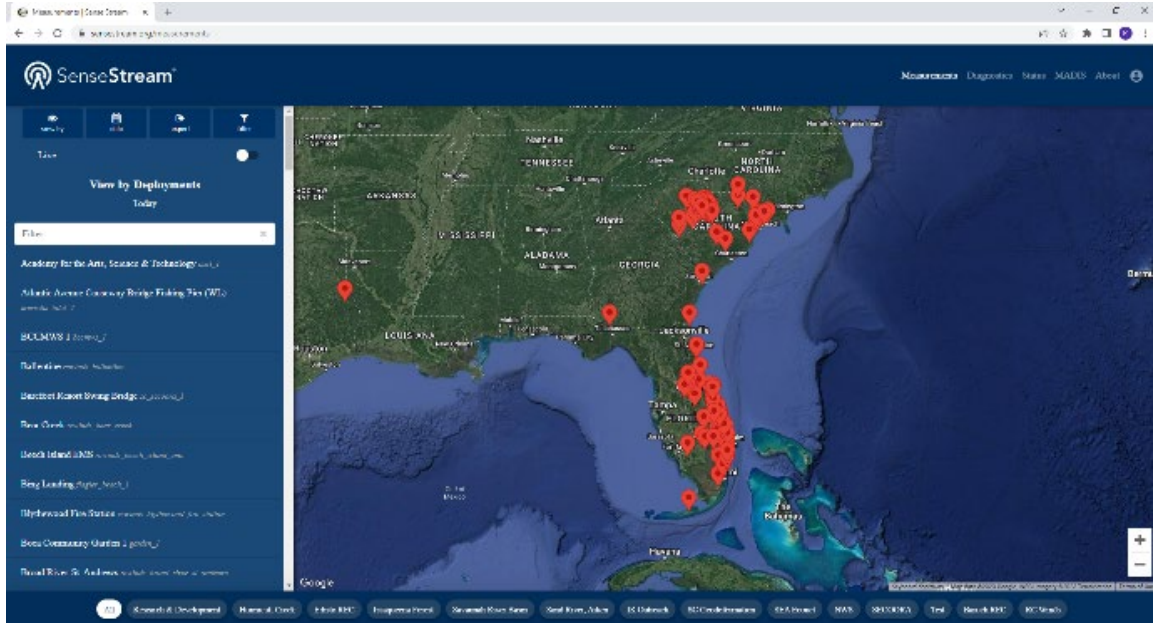
2. You can type in the name of the station that you would like to view in the white 'Filter' box on the left hand side of the screen. Or you can scroll through the list of names below the 'Filter' box. You can also use your mouse to zoom into various areas of the map to select a station.

3. Once the station name that you are looking for shows up, click on that name. Or you can click on the red points directly from the map.

4. To view the water level sensor data under the location name you should see a label that says 'Maxbotix HRXL-MaxSonar-WRLS' and underneath that, the first bullet should display 'Distance' and to the right of distance should be the word 'Plot'.

   a. If there are multiple forms of instrumentation (weather, water quality, and water level) at the location you will first need to select the 'Maxbotix HRXL-MaxSonar-WRLS' option.

5. Click on 'Plot' to view the graph.

   a. You can make the graph full screen by clicking on the two arrows facing different directions in the right hand corner. If you click those arrows a second time the graph will go back to the smaller size.

   b. You can also zoom in by clicking and dragging over the area that you would like to look at closer. To zoom back out and see the entire graph, you can double-click anywhere on the graph.

c. The vertical (y-axis) of the graph will give you the elevation in METERS of the water level in the datum [NAVD88](#). The horizontal (x-axis) of the graph will give you the date and time.
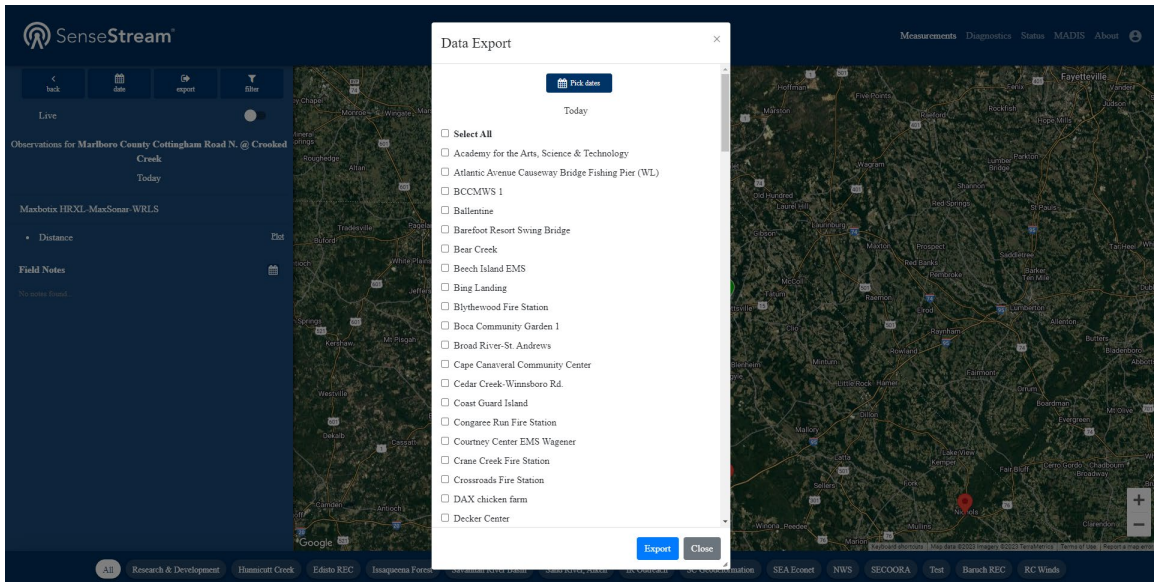
d. Click 'Close' on the bottom right to exit the graph.

To download data:

1. On the top left of the screen, click on the 3rd option, which should be an icon that reads 'export'.

2. The top of that menu should have an icon with a calendar that reads 'Pick dates'.

3. Select the date range that you would like to download by clicking the calendar icon and selecting a date range from the drop-down menu.

    a. Options are: Today, Yesterday, Last 7 days, Last 30 days, This Month, Last Month, and Custom Range. The default will be Today.

    b. Once you select a date range you should see it displayed underneath the calendar that says 'Pick dates'.

4. Then scroll through the list to select the station(s) that you would like to download data.

    a. To select the station(s), press the small box to the left of the name of the station. A blue check mark will appear to indicate you have selected it.

    b. If you click a box by mistake you can click it again to unselect it.

    c. There is also the option to 'Select All' at the top of the list.

5. Then click the blue button in the bottom right hand corner that reads 'Export'. **Export**

    a. The data will download as a zip folder.

    b. Open the zip folder by clicking on it.

    c. In the zip folder there will be an excel sheet that contains data in UNIX seconds and elevation in meters (NAVD88).