

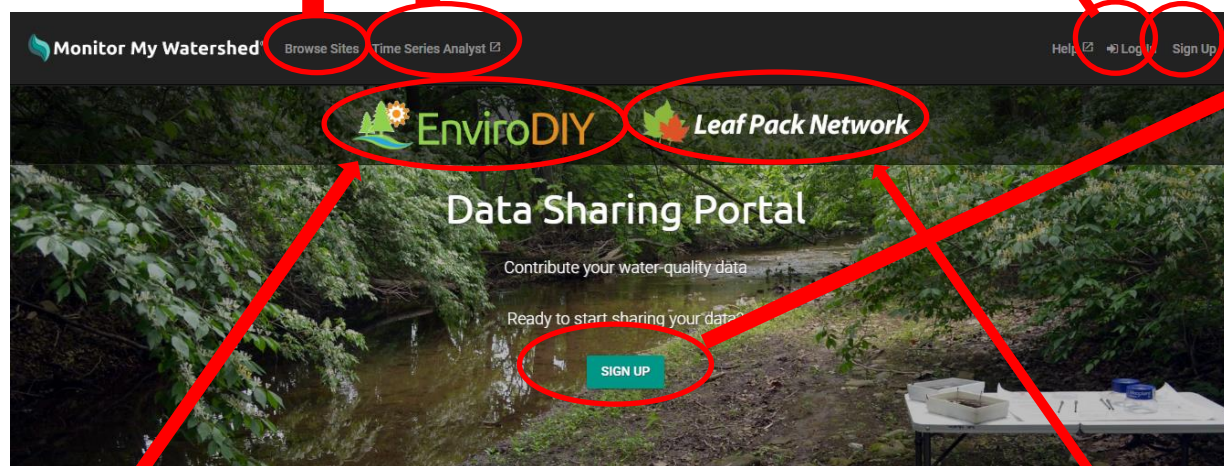
Monitor My Watershed Quick Reference Guide

<http://MonitorMyWatershed.org>

Browse Sites shows a map of clickable sites linking to site data and TSA graphing options.

Time Series Analyst (TSA): alternative to Browse Sites, graphing and data download options.

Users log in here



Create an account here.
NOTE: It is not necessary to create an account to access data.

EnviroDIY™ is a community of enthusiasts sharing do-it-yourself ideas for environmental science and monitoring.

The Leaf Pack Network® is an international network of teachers, students, and citizen monitors investigating their local stream ecosystems.

Browse Sites Page

Adjusts the map view. This shows sites on a political map with and without terrain.

Adjusts the map view. This shows sites on a map as a satellite view with and without labels.

Makes map full screen

Clears filters in the navigation bar.

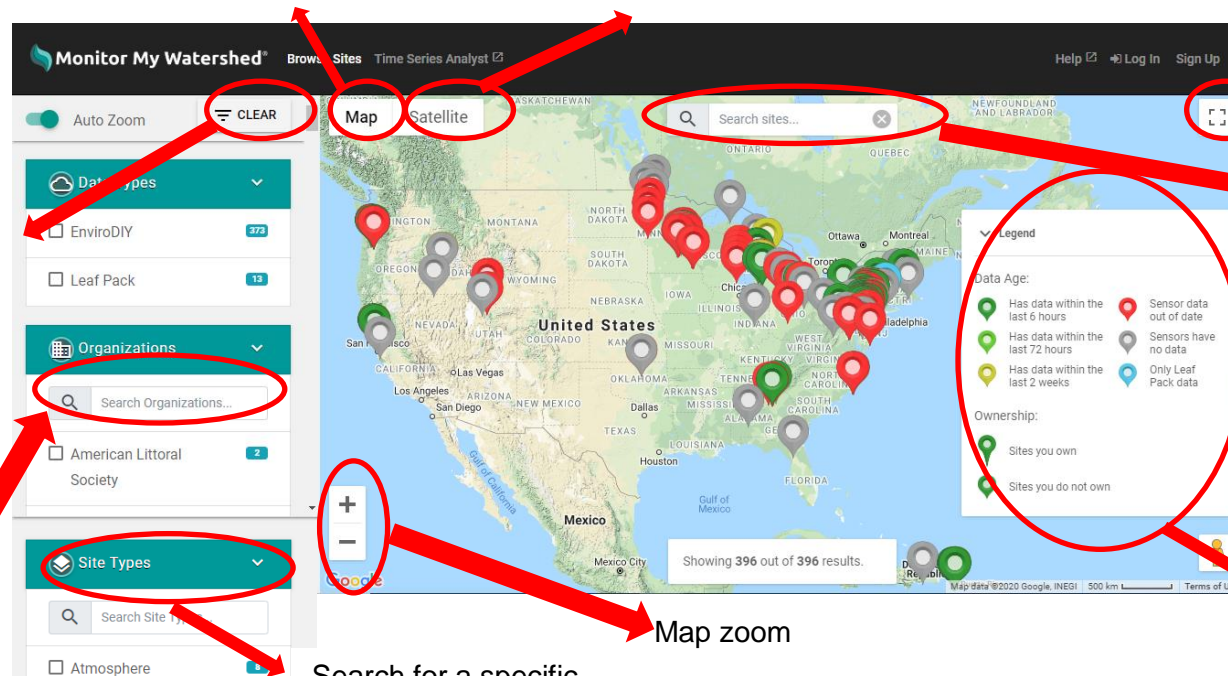
Search for any information on the main site page.

Search for the name of a specific organization.

Search for a specific type of site.

Map zoom

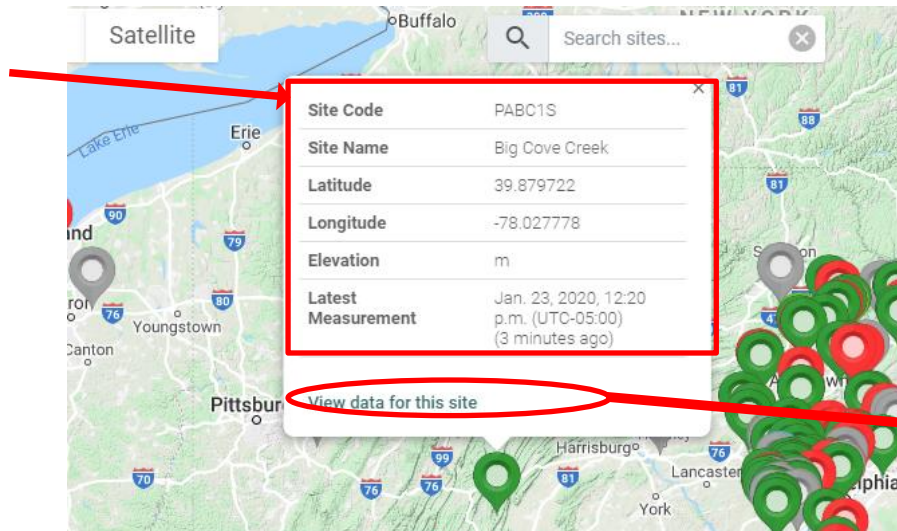
Legend shows how recently data was recorded.



Site Summary Pane

Click on a site marker to open the Site Summary pane.

Site Summary Data

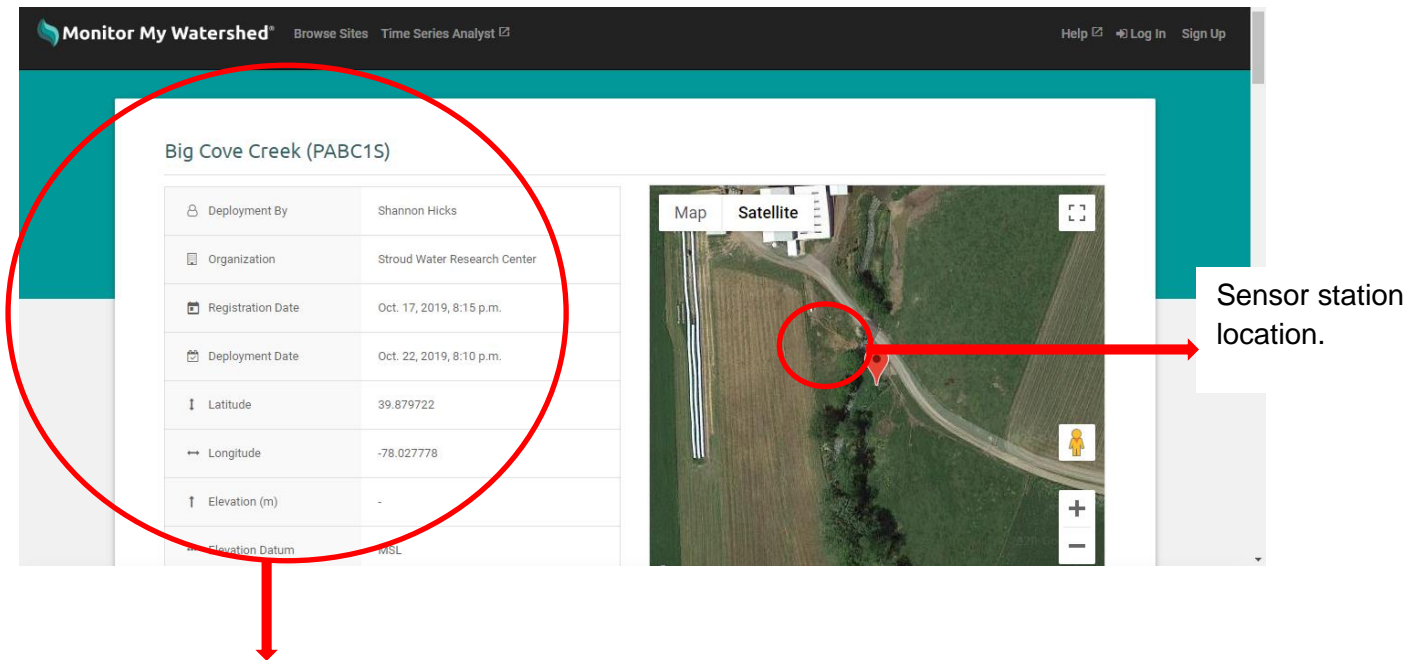


Site Code	PABC1S
Site Name	Big Cove Creek
Latitude	39.879722
Longitude	-78.027778
Elevation	m
Latest Measurement	Jan. 23, 2020, 12:20 p.m. (UTC-05:00) (3 minutes ago)

[View data for this site](#)

Click to access the main data page for the selected site, including site data, graphing options, and site data.

Site Page: Metadata Section



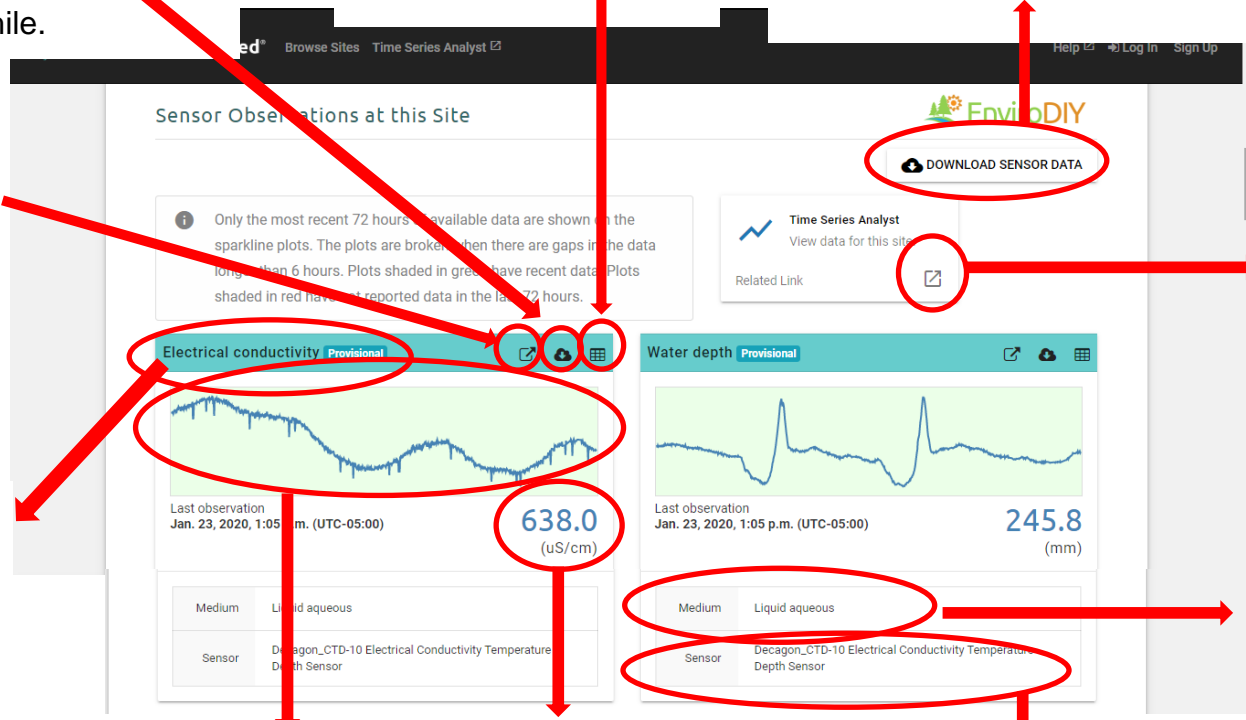
Big Cove Creek (PABC1S)

Deployment By	Shannon Hicks
Organization	Stroud Water Research Center
Registration Date	Oct. 17, 2019, 8:15 p.m.
Deployment Date	Oct. 22, 2019, 8:10 p.m.
Latitude	39.879722
Longitude	-78.027778
Elevation (m)	-
Elevation Datum	MSL

Sensor station location.

Site metadata including who deployed the sensor, the organization that deployed the sensor, registration and deployment date, etc.

Site Page: Sensor Observation Section



Downloads data into an Excel file. Note: this may take a while.

Shows a data table for the last 72 hours of data

Downloads all the information provided for the entire site. Note: this may take a while.

Access graphing options in Times Series Analyst for individual parameters.

Opens Time Series Analyst and shows the potential variables that can be graphed.

Name of the variable being measured.

Medium the sensor is in.

Last 72 hours of data

Most recent data point

Shows the full name of the sensor

638.0 (uS/cm)

245.8 (mm)

Decagon_CTD-10 Electrical Conductivity Temperature Depth Sensor

Time Series Analyst

DOWNLOAD SENSOR DATA

Only the most recent 72 hours of available data are shown on the sparkline plots. The plots are broken when there are gaps in the data longer than 6 hours. Plots shaded in green have recent data. Plots shaded in red have not reported data in the last 72 hours.

Medium: Liquid aqueous

Sensor: Decagon_CTD-10 Electrical Conductivity Temperature Depth Sensor

Last observation: Jan. 23, 2020, 1:05 p.m. (UTC-05:00)

Click on the Time Series Analyst box to view time series data in a new tab.

Times Series Analyst (TSA)

The type of sensor the data is from

Brings users to the location where variables can be viewed and seen

Graphing options

Adds and removes columns across of the top bar of the table.

Site names list, **Use Ctrl-F** to search.

Shows the category the variable is in.

Data type

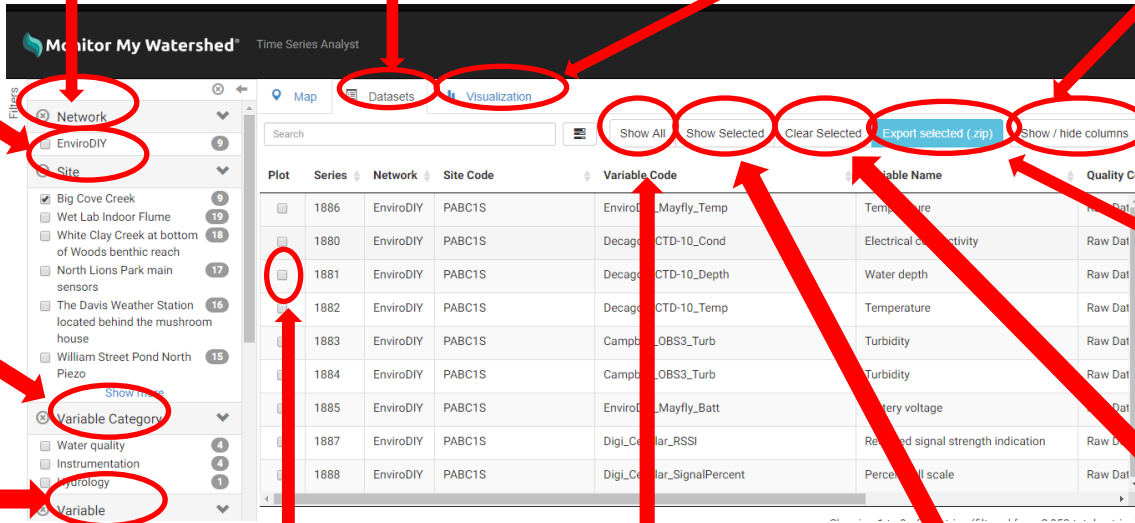
Click to select variables. **Max of 5.**

Shows all variables for all sites.

Shows only checked variables.

Exports data for the selected variables into Excel sheets (one for each variable).

Unchecks checked variables.



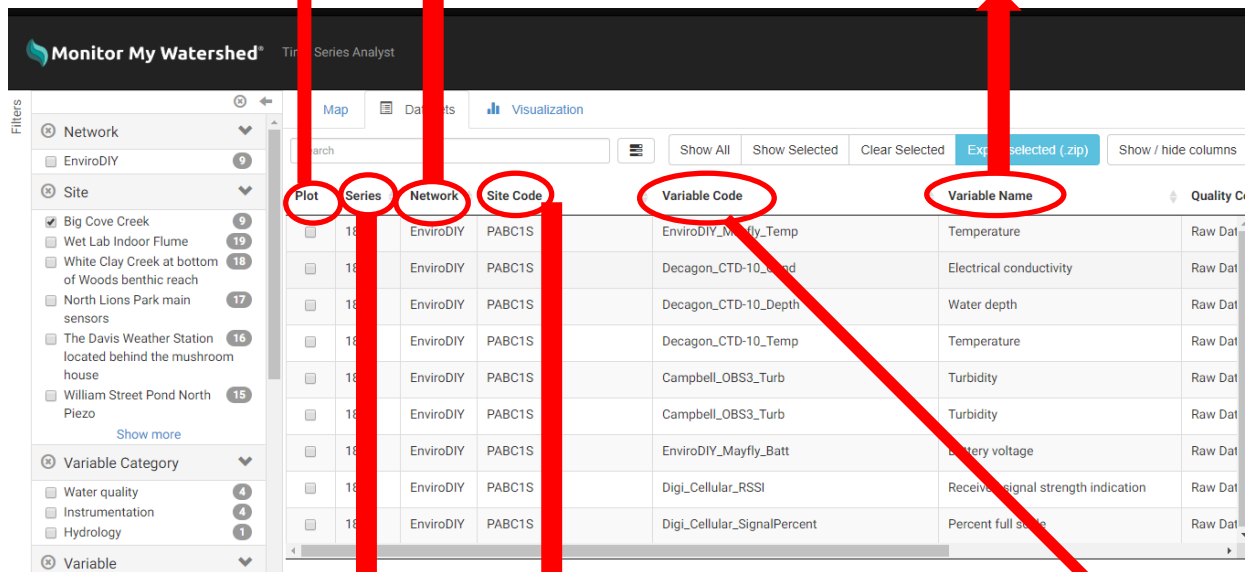
Plot	Series	Network	Site Code	Variable Code	Variable Name	Quality Control
<input type="checkbox"/>	1886	EnviroDIY	PABC1S	EnviroDIY_Mayfly_Temp	Temperature	Raw Data
<input type="checkbox"/>	1880	EnviroDIY	PABC1S	Decagon_CTD-10_Cond	Electrical conductivity	Raw Data
<input type="checkbox"/>	1881	EnviroDIY	PABC1S	Decagon_CTD-10_Depth	Water depth	Raw Data
<input type="checkbox"/>	1882	EnviroDIY	PABC1S	Decagon_CTD-10_Temp	Temperature	Raw Data
<input type="checkbox"/>	1883	EnviroDIY	PABC1S	Campbell_OBS3_Turb	Turbidity	Raw Data
<input type="checkbox"/>	1884	EnviroDIY	PABC1S	Campbell_OBS3_Turb	Turbidity	Raw Data
<input type="checkbox"/>	1885	EnviroDIY	PABC1S	EnviroDIY_Mayfly_Batt	Battery voltage	Raw Data
<input type="checkbox"/>	1887	EnviroDIY	PABC1S	DigiLog_RSSI	Received signal strength indication	Raw Data
<input type="checkbox"/>	1888	EnviroDIY	PABC1S	DigiLog_SignalPercent	Percent full scale	Raw Data

TSA (continued)

Variables are selected to be plotted.

Network each variable is on.

Name of the variable being graphed



Plot	Series	Network	Site Code	Variable Code	Variable Name	Quality Control
<input type="checkbox"/>	18	EnviroDIY	PABC1S	EnviroDIY_Mayfly_Temp	Temperature	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	Decagon_CTD-10_Depth	Electrical conductivity	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	Decagon_CTD-10_Depth	Water depth	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	Decagon_CTD-10_Temp	Temperature	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	Campbell_OBS3_Turb	Turbidity	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	Campbell_OBS3_Turb	Turbidity	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	EnviroDIY_Mayfly_Batt	Battery voltage	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	Digi_Cellular_RSSI	Receive signal strength indication	Raw Data
<input type="checkbox"/>	18	EnviroDIY	PABC1S	Digi_Cellular_SignalPercent	Percent full signal	Raw Data

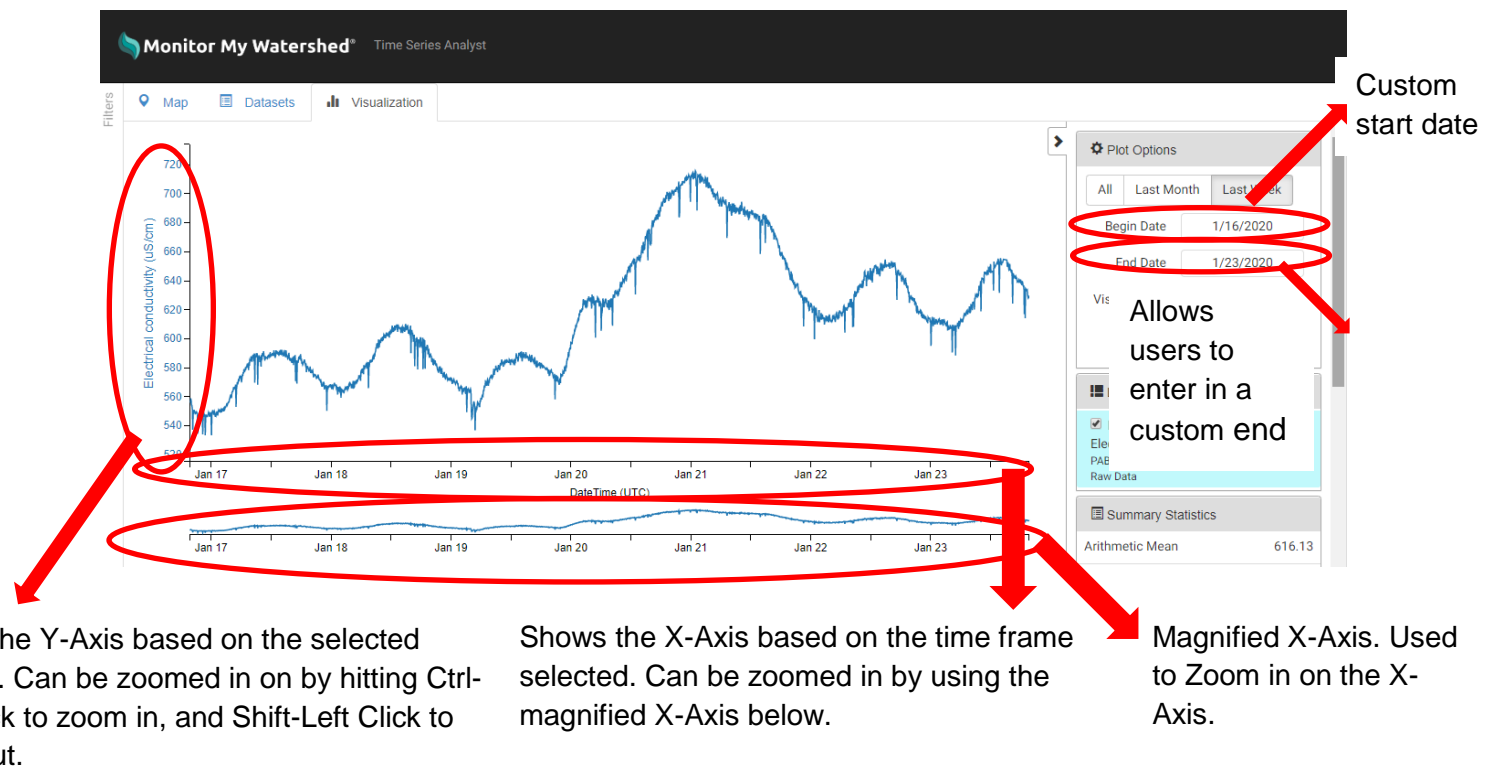
Unique series number
corresponding to each variable.

Unique site code from each
variable.

Full name of the sensor the data is
coming from.

Select variables to plot then click on the Visualization tab.

TSA Visualization Tab

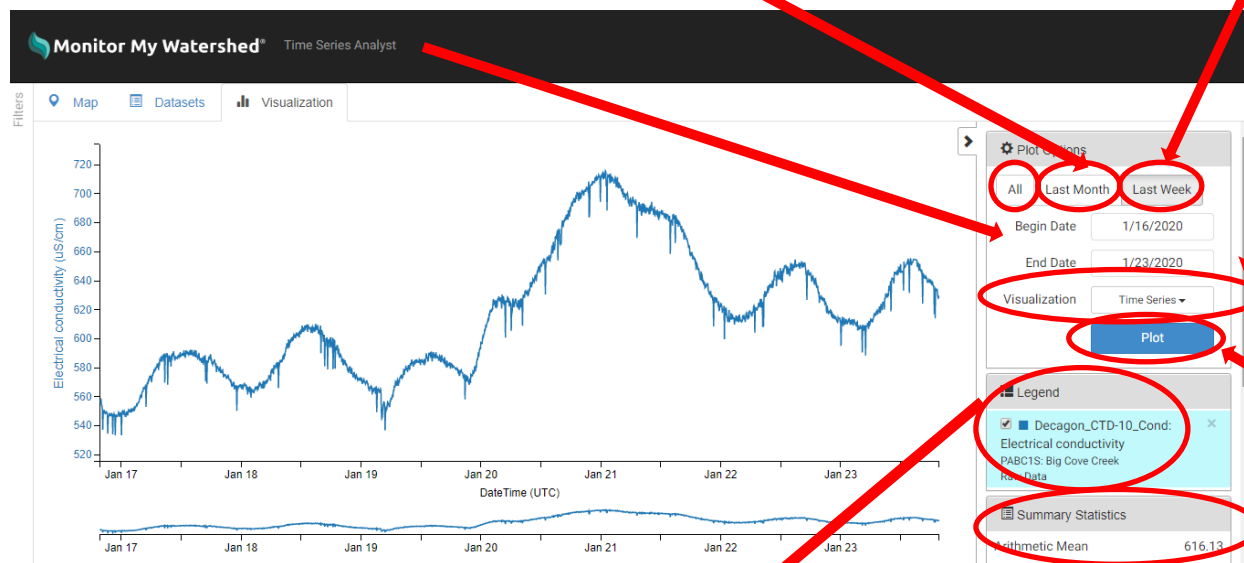


TSA Visualization Tab (continued)

Shows all data available.

Shows data available from the last month.

Shows data available from the last week.



Shows different graphing options.

Plots selected data.

Shows the different variables being graphed. The first variable will always be blue, followed by orange, green, red, and purple.

Shows statistical information about the period of time selected. Statistical data includes the mean, minimum value, maximum value, standard deviation, and more.