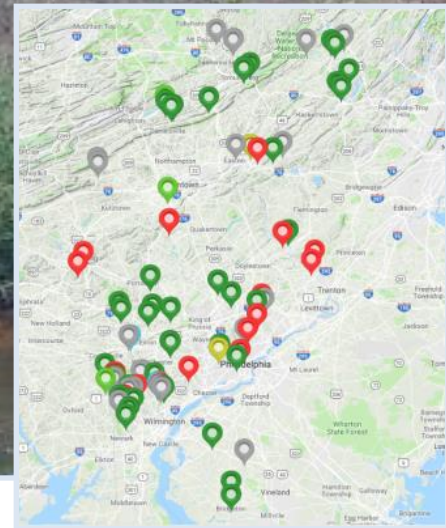
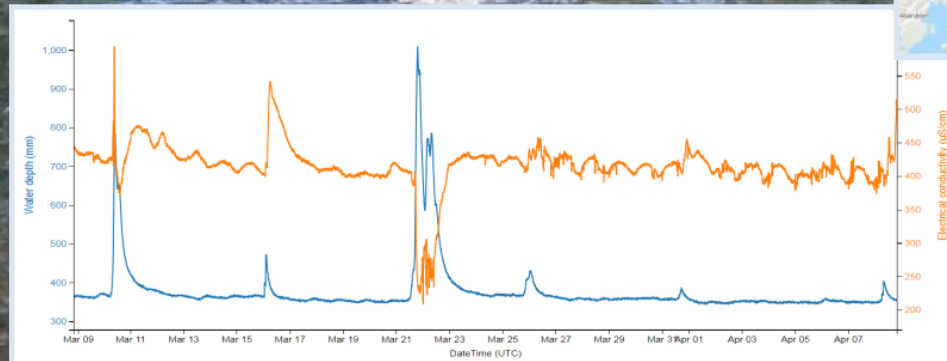


Monitor My Watershed[®] Teach-the-teacher Workshop

February 29, 2020, 9a-1p at Berks Nature



STROUD
WATER RESEARCH CENTER

Introductions

- Hosts/Facilitators: David George (Berks Co. MWS, Angelica Creek Watershed Association), Regan Dohm and Michael Griffith (Berks Nature)
- Workshop: David Bressler, David Kline, Katie Chambers (Stroud Water Research Center)



Agenda

Monitor My Watershed teach-the-teacher workshop

Saturday February 29, 2020, 9a-1p at The Nature Place, Berks Nature

Attendance: 25-30

Hosts/Facilitators: David George (Berks Co. MWS, Angelica Creek Watershed Association),
Regan Dohm and Michael Griffith (Berks Nature)

Workshop: David Bressler, David Kline, Katie Chambers (Stroud Water Research Center)

Agenda

- 8:45-9:15 – Welcome, light breakfast, refreshments; Act 48 Registration
- 9:15-11:00 – Introduction, background, and Monitor My Watershed tutorial
- 11:00-11:15 – Break
- 11:15-12:00 – Activity, MonitorMW tutorial lesson plan
- 12:00-12:45 – Activity, Data content MonitorMW lesson plans
- 12:45-1:00 – Closing discussion and questions, lesson plan feedback, complete Act 48 evaluation (teachers only)

Purpose of Workshop

- Learn to use Monitor My Watershed
- Learn to utilize MonitorMW real time and continuous local sensor data to teach key concepts regarding water quality
- Introduce and test tutorials/lesson plans
- Build skills and resources to use in various teaching venues and to share with teachers/educators in our community

Monitor My Watershed®

- Timely workshop request by David George, MonitorMW infancy, guidance materials needed
- One of the newer Wikiwatershed tools
- Stroud Center time for this event (and prep) paid via C-SAW and DRWI



What is C-SAW?

The Consortium for Scientific Assistance to Watersheds (C-SAW) is a team of specialists who provide *free* organizational and scientific technical assistance to Pennsylvania-based watershed and conservation organizations.

C-SAW does not conduct watershed monitoring or assessments. Instead, C-SAW helps watershed organizations do a better job with their own monitoring and assessments.

C-SAW can help your group:

- Learn how to assess watershed health
- Identify solutions
- Develop monitoring programs, protection plans, and restoration projects

C-SAW assistance is provided at no cost to qualified applicants!

Assistance is made possible by a Pennsylvania DEP Growing Greener Grant awarded to Pocono Northeast Resource Conservation & Development Council and its six partner institutions located throughout Pennsylvania. [Learn more...](#)

[Find Out What's Available](#)

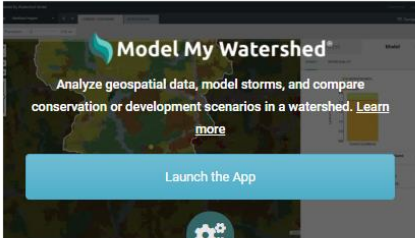


STROUD
WATER RESEARCH CENTER

[WikiWatershed](#) is a web *toolkit* designed to help citizens, conservation practitioners, municipal decision-makers, researchers, educators, and students advance knowledge and stewardship of fresh water.

Explore the WikiWatershed Toolkit

 The Runoff Simulation can now be launched from the [Model My Watershed](#) page.



Model My Watershed®

Analyze geospatial data, model storms, and compare conservation or development scenarios in a watershed. [Learn more](#)

Launch the App





Monitor My Watershed®

Discover and map monitoring data from multiple sources. Share and compare your monitoring data with the world. [Learn more](#)

Launch the App



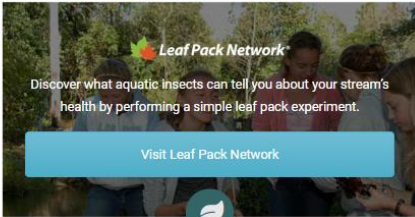


EnviroDIY

Join a community of do-it-yourself enthusiasts sharing open-source ideas for environmental science and monitoring.

Visit EnviroDIY



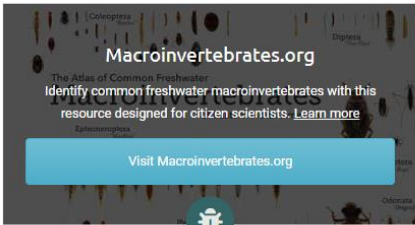


Leaf Pack Network

Discover what aquatic insects can tell you about your stream's health by performing a simple leaf pack experiment.

Visit Leaf Pack Network



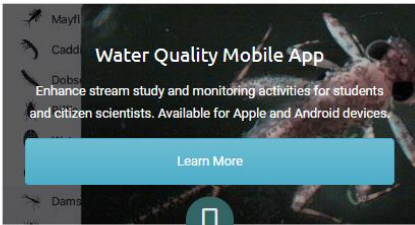


Macroinvertebrates.org

The Atlas of Common Freshwater
Identify common freshwater macroinvertebrates with this resource designed for citizen scientists. [Learn more](#)

Visit Macroinvertebrates.org





Water Quality Mobile App

Enhance stream study and monitoring activities for students and citizen scientists. Available for Apple and Android devices.

Learn More





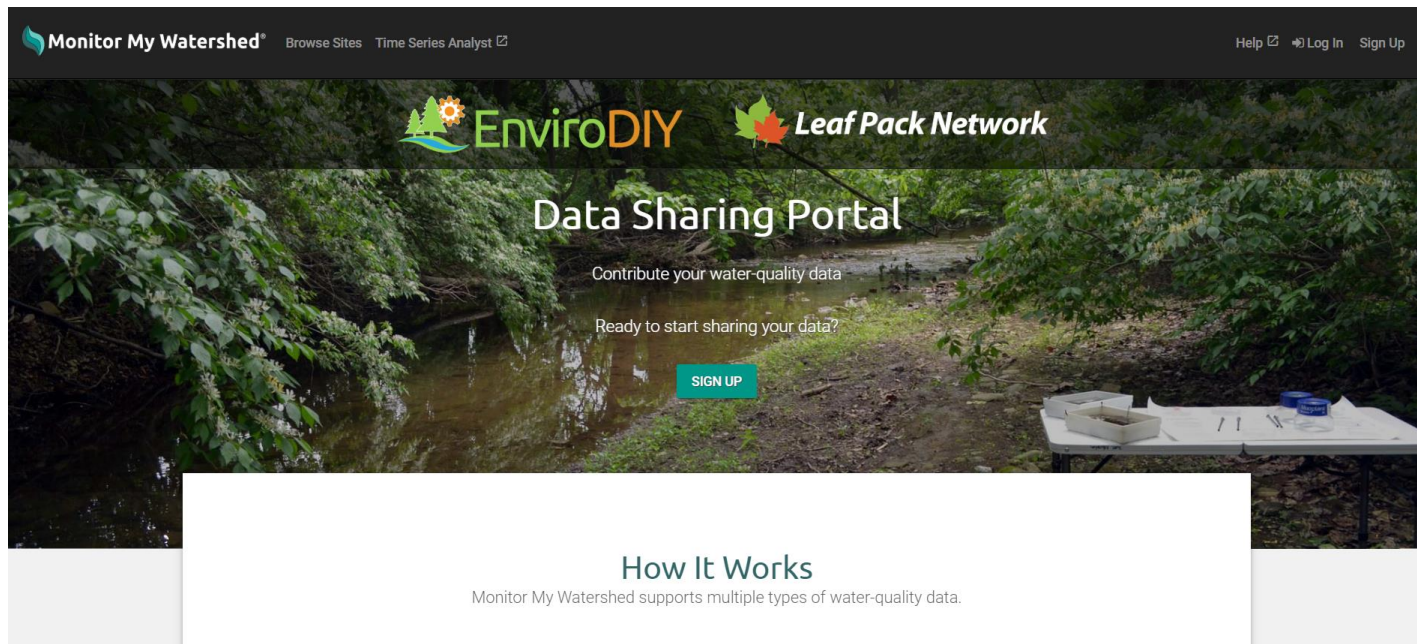
Monitor My Watershed®

- What is Monitor My Watershed?
 - [Monitor My Watershed](#)® is a data portal that allows you to share and explore do-it-yourself environmental monitoring data. It currently hosts [EnviroDIY](#)™ sensor data and [Leaf Pack Network](#)® macroinvertebrate data. Monitor My Watershed is part of the WikiWatershed® toolkit.

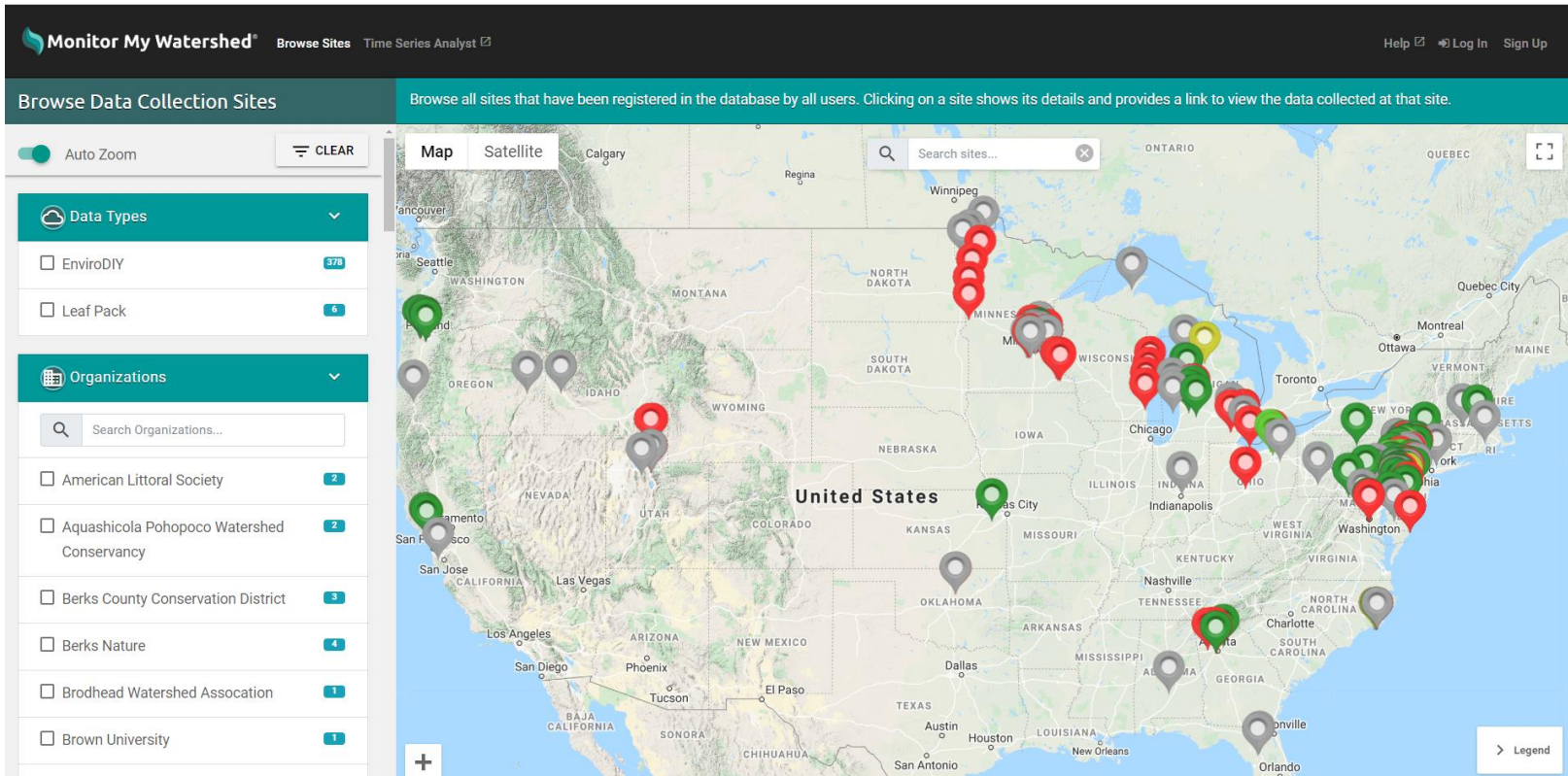
Monitor My Watershed®

- What is Monitor My Watershed?

<https://monitormywatershed.org/>



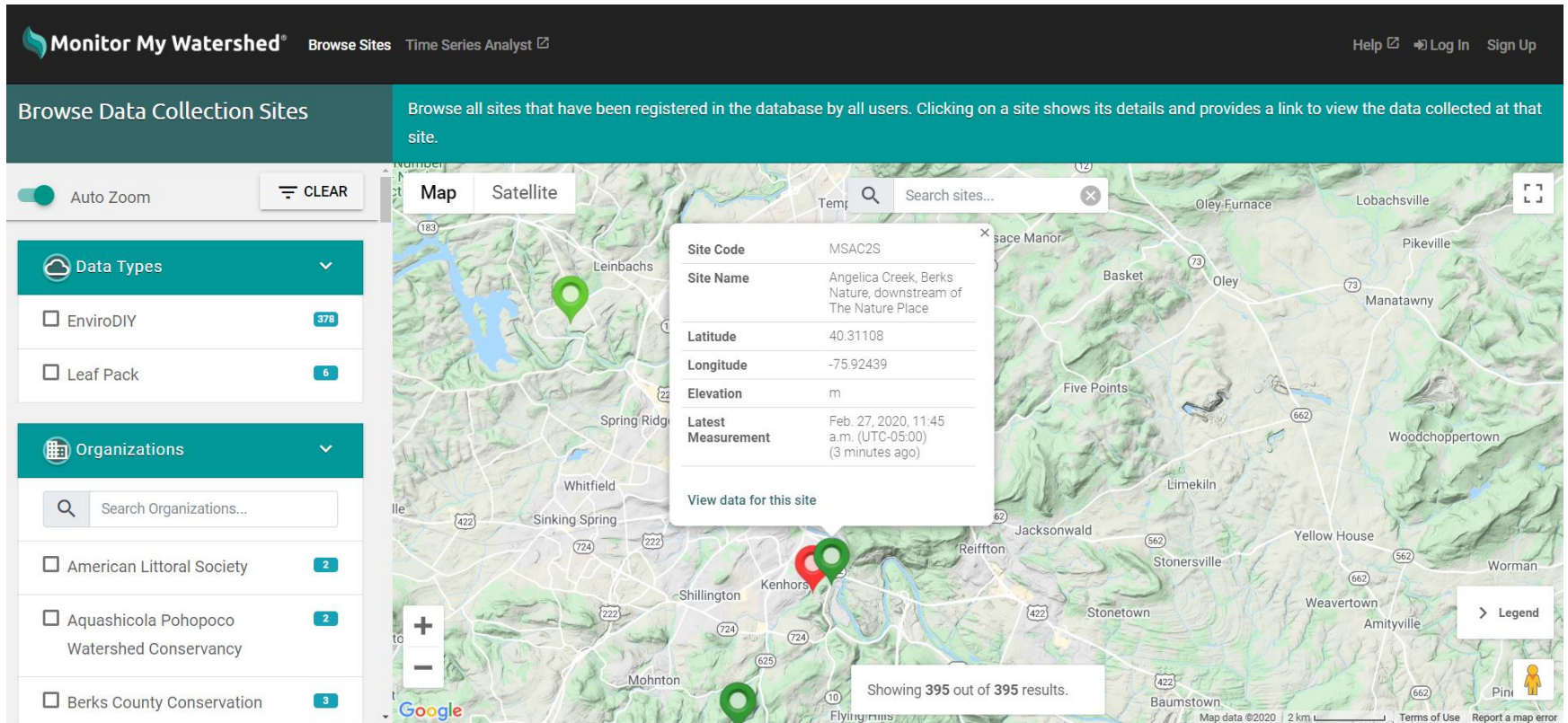
- What is Monitor My Watershed



The screenshot displays the Monitor My Watershed web application interface. At the top, the header includes the logo, navigation links for "Browse Sites" and "Time Series Analyst", and user options for "Help", "Log In", and "Sign Up". Below the header, a teal banner reads: "Browse all sites that have been registered in the database by all users. Clicking on a site shows its details and provides a link to view the data collected at that site."

The main interface is divided into a left sidebar and a central map area. The sidebar contains two filter sections: "Data Types" with checkboxes for "EnviroDIY" (378 sites) and "Leaf Pack" (6 sites); and "Organizations" with a search bar and a list of organizations including American Littoral Society (2), Aquashicola Pohopoco Watershed Conservancy (2), Berks County Conservation District (3), Berks Nature (4), Brodhead Watershed Association (1), and Brown University (1). The central map area shows a map of the United States with numerous colored pins (red, green, grey) indicating data collection sites. A search bar at the top of the map says "Search sites...". Map controls include "Map" and "Satellite" tabs, a zoom in (+) button, a zoom out (-) button, and a "Legend" button at the bottom right.

- What is Monitor My Watershed



The screenshot displays the Monitor My Watershed web application. The top navigation bar includes the logo, "Browse Sites", "Time Series Analyst", and links for "Help", "Log In", and "Sign Up". The main heading is "Browse Data Collection Sites", with a subtext explaining that users can browse all registered sites and click on a site to view its details and data. The interface features a map view with a search bar and a "Map" tab selected. A sidebar on the left contains filters for "Data Types" (EnviroDIY with 378 results, Leaf Pack with 6 results) and "Organizations" (American Littoral Society with 2 results, Aquashicola Pohopoco Watershed Conservancy with 2 results, Berks County Conservation with 3 results). A pop-up window for a specific site (MSAC2S) shows details: Site Name (Angelica Creek, Berks Nature, downstream of The Nature Place), Latitude (40.31108), Longitude (-75.92439), Elevation (m), and Latest Measurement (Feb. 27, 2020, 11:45 a.m. (UTC-05:00) (3 minutes ago)). A "View data for this site" link is also present. The map shows a topographic view of a region with several green location pins. A status bar at the bottom indicates "Showing 395 out of 395 results." and includes a scale bar (2 km) and a "Report a map error" link.

Monitor My Watershed® Browse Sites Time Series Analyst Help Log In Sign Up

Browse Data Collection Sites

Browse all sites that have been registered in the database by all users. Clicking on a site shows its details and provides a link to view the data collected at that site.

Auto Zoom CLEAR

Data Types

- ☐ EnviroDIY 378
- ☐ Leaf Pack 6

Organizations

Search Organizations...

- ☐ American Littoral Society 2
- ☐ Aquashicola Pohopoco Watershed Conservancy 2
- ☐ Berks County Conservation 3

Map Satellite Search sites...

Site Code MSAC2S

Site Name Angelica Creek, Berks Nature, downstream of The Nature Place

Latitude 40.31108

Longitude -75.92439

Elevation m

Latest Measurement Feb. 27, 2020, 11:45 a.m. (UTC-05:00) (3 minutes ago)

View data for this site

Showing 395 out of 395 results.

Map data ©2020 2 km Terms of Use Report a map error

Monitor My Watershed®



Angelica Creek, Berks Nature, downstream of The Nature Place (MSAC2S)

Deployment By	Michael Griffith
Organization	Berks Nature
Registration Date	Sept. 16, 2019, 8:06 p.m.
Deployment Date	Sept. 18, 2019, 4:15 p.m.
Latitude	40.31108
Longitude	-75.92439
Elevation (m)	-
Elevation Datum	MSL
Site Type	Stream
Stream Name	Angelica Creek
Major Watershed	-



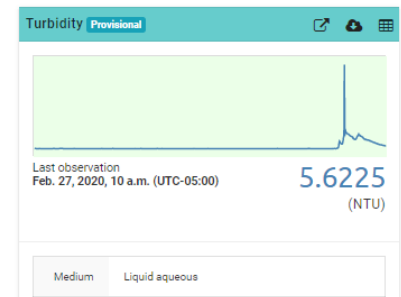
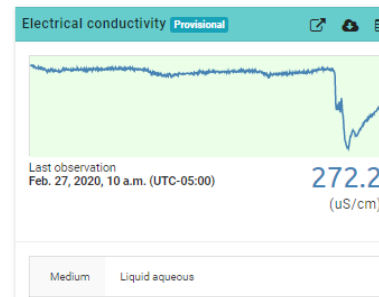
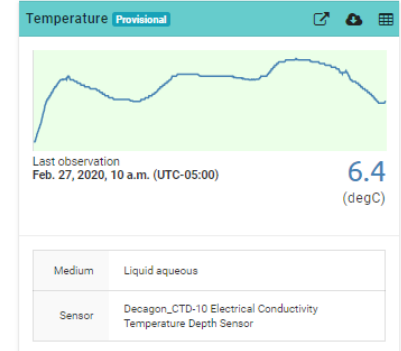
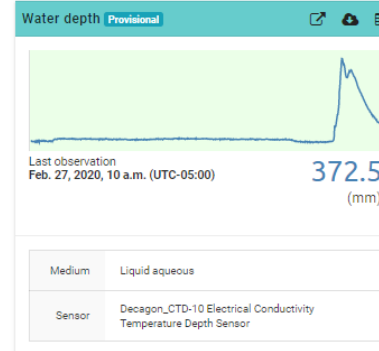
Sensor Observations at this Site



 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.

Time Series Analyst
 View data for this site.
 Related Link 



Monitor My Watershed[®]



EnviroDIY





- EnviroDIY is a community for do-it-yourself environmental science and monitoring. EnviroDIY is part of [WikiWatershed](#), a web toolkit designed to help citizens, conservation practitioners, municipal decision-makers, researchers, educators, and students advance knowledge and stewardship of fresh water.
- **These are the folks who are building the monitoring stations*
 - *Data from these stations can be uploaded or transmitted (e.g., via cell signal) to Monitor My Watershed*



Welcome to EnviroDIY, a community for do-it-yourself environmental science and monitoring. EnviroDIY is part of [WikiWatershed](#), a web toolkit designed to help citizens, conservation practitioners, municipal decision-makers, researchers, educators, and students advance knowledge and stewardship of fresh water. **New to EnviroDIY?** [Start here](#)



Check out the [EnviroDIY Mayfly Data Logger](#), a powerful user-programmable microprocessor board that is fully compatible with Arduino IDE software.



For sketches, libraries, and documentation, [visit our EnviroDIY GitHub repository](#).



Status updates and community groups [were disabled](#) on February 3, 2020. Moving forward, all conversations should be posted on the forum.

COMMUNITY ACTIVITY

[SEE ALL ACTIVITY](#) >



Matt Barney started the topic [Turner Designs turbidity sensor](#) in the forum [Mayfly Data Logger](#)

1 day, 13 hours ago

Hi,

I'm wondering whether anyone has interfaced the [Turbidity Plus](#) sensor from Turner Designs to a Mayfly. One of our hydrologists asked me about it today, so I thought I would check with the forum here to learn if anyone has experience with this sensor.

Thanks,

Matt



Sara Damiano replied to the topic [Trouble initializing XBee3 LTE-M](#) in the forum [Mayfly Data Logger](#)

1 day, 21 hours ago

Well, setting the profile to '1' might work fine for the long term; I really have no idea. It just makes

ENVIRODIY BLOG

[SEE ALL](#) >



New Tutorial: Learn EnviroDIY Programming

© 2019-01-14

SHOWCASE

[SEE ALL](#) >



Ask a Question

Have a question about DIY environmental monitoring? Post it in the forum.

[Start a forum topic](#)

FORUM TOPICS

[ACTIVITY](#) >

[Cannot connect to internet for clock sync with NIST](#)

© 2020-02-09

FORUM REPLIES

[Sara Damiano](#) on [Trouble initializing XBee3 LTE-M](#)

[Matt Barney](#) on [Trouble initializing XBee3 LTE-M](#)

[Sara Damiano](#) on [Trouble initializing XBee3 LTE-M](#)



Continuous Data – data point every 5 minutes



DateTime	TimeOffset	DateTimeUTC	Decagon_CTD-10_Depth	Decagon_CTD-10_Temp	Decagon_CTD-10_Conc	Campbell_OBS 3_Turb-1	Campbell_OBS 3_Turb-2	EnviroDIY_May fly_Temp	EnviroDIY_May fly_Batt	Digi_Cellular_RSSI	Digi_Cellular_SignalPercent
9/18/2019 11:15	-5:00	9/18/2019 16:15	303.3	17.3	403.8	4.61499	4.07552	23.5	4.078	-57	90
9/18/2019 11:20	-5:00	9/18/2019 16:20	304.5	17.1	409.3	3.8014	3.22395	24	4.078	-45	109
9/18/2019 11:25	-5:00	9/18/2019 16:25	303.3	17.1	410.7	5.06607	4.5499	24.5	4.078	-45	109
9/18/2019 11:30	-5:00	9/18/2019 16:30	304.7	17.1	410.5	5.55909	5.05835	24.5	4.078	-57	90
9/18/2019 11:35	-5:00	9/18/2019 16:35	302.7	17.2	414.8	6.5625	6.07589	24.75	4.078	-57	90
9/18/2019 11:40	-5:00	9/18/2019 16:40	301.2	17.2	413.8	6.3067	5.8192	25	4.078	-57	90
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9/18/2019 11:50	-5:00	9/18/2019 16:50	301.2	17.3	413.8	11.156	10.90822	26.25	4.154	-57	90
9/18/2019 11:55	-5:00	9/18/2019 16:55	300.8	17.3	414.5	9.28674	8.92836	29	4.139	-45	109
9/18/2019 12:00	-5:00	9/18/2019 17:00	302.5	17.3	414.2	2.80841	2.1842	28.75	4.109	-57	90
9/18/2019 12:05	-5:00	9/18/2019 17:05	302.8	17.32	412.8	1.59383	0.91303	28	4.094	-57	90
9/18/2019 12:10	-5:00	9/18/2019 17:10	301.7	17.4	413.7	1.39442	0.71011	27.75	4.094	-45	109
9/18/2019 12:15	-5:00	9/18/2019 17:15	300.7	17.4	408.8	12.71542	12.49092	27.25	4.094	-57	90
9/18/2019 12:20	-5:00	9/18/2019 17:20	301.3	17.4	409.7	1.82901	1.16912	27.25	4.094	-57	90
9/18/2019 12:25	-5:00	9/18/2019 17:25	302.5	17.42	408.8	1.31029	0.61832	27.75	4.094	-57	90
9/18/2019 12:30	-5:00	9/18/2019 17:30	303.3	17.5	414	1.27918	0.58451	27.75	4.094	-57	90
9/18/2019 12:35	-5:00	9/18/2019 17:35	301.2	17.5	413.7	1.22848	0.5362	29	4.124	-57	90

MSAC2S_TimeSeriesResults.csv

Site Code: MSAC2S

Site Name: Angelica Creek, Berks Nature, downstream of The Nature Place

Monitor My Watershed®



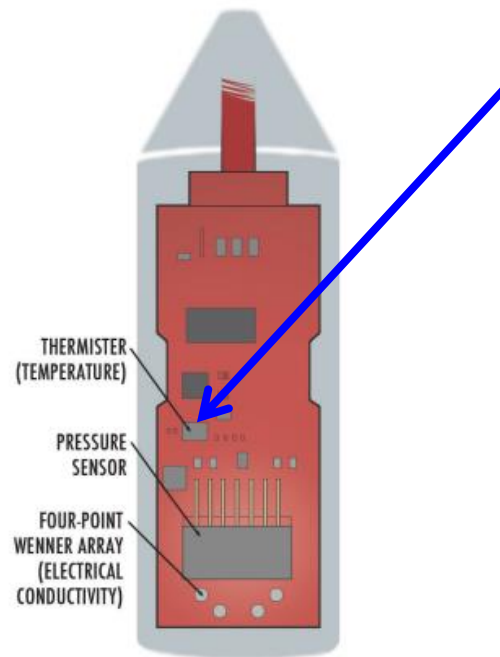
CTD sensor – Conductivity, Temperature, Depth

Conductivity (Electrical Conductivity)(uS/cm, microsiemens per centimeter)



- A measure of how well water conducts electricity
- Directly related to the concentration of dissolved ions in the water
- Commonly used to screen for pollution – generally higher in areas with human activity
- Is an *indicator* of water quality

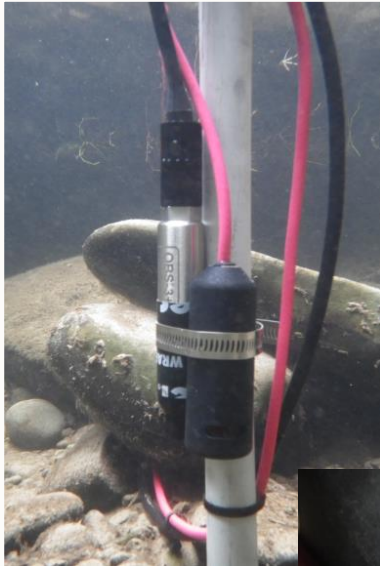
Monitor My Watershed®



Temperature

- Water temperature (degrees C)
- Important to fish (especially Trout) and other organisms

Monitor My Watershed®



Depth (water depth)

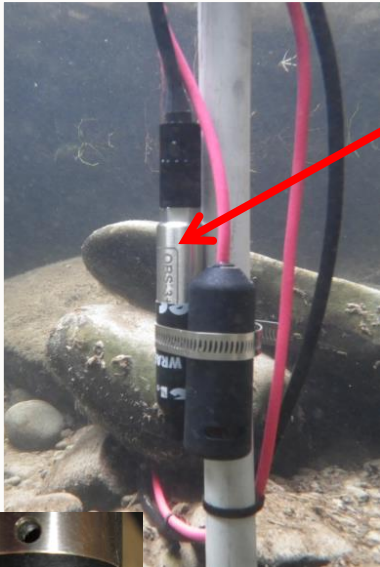
- Measures distance from pressure transducer (white disk) to surface of water
- Compensates for air pressure
- Coarse measure of discharge (i.e., flow, amount of water per unit time)





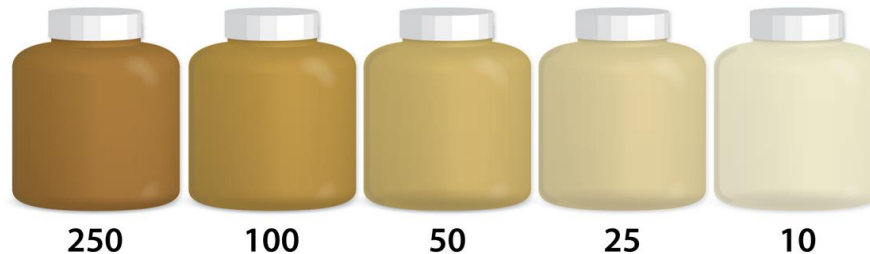
Turbidity sensor

- Measures the clarity of the water in Nephelometric Turbidity Units (NTU)\
- A measure of material *suspended* in the water (*not dissolved*)



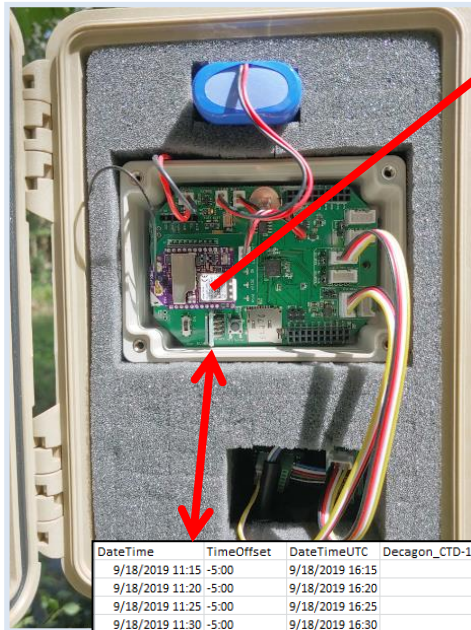
Turbidity (NTU)

Water Samples:



© 2020 THE LABORATORY PEOPLE

Monitor My Watershed®



DateTime	TimeOffset	DateTimeUTC	Decagon_CTD-10_Depth	Decagon_CTD-10_Temp	Decagon_CTD-10_Cond	Campbell_OBS3_Turb-1	Campbell_OBS3_Turb-2	EnviroDIY_Mayfly_Temp	EnviroDIY_Mayfly_Batt	Digi_Cellular_RSSI
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9/18/2019 11:20	-5:00	9/18/2019 16:20	304.5	17.1	409.3	3.8014	3.22395	24	4.078	-45
9/18/2019 11:25	-5:00	9/18/2019 16:25	303.3	17.1	410.7	5.06607	4.5499	24.5	4.078	-45
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9/18/2019 11:35	-5:00	9/18/2019 16:35	302.7	17.2	414.8	6.5625	6.07589	24.75	4.078	-57
9/18/2019 11:40	-5:00	9/18/2019 16:40	301.2	17.2	413.8	6.3067	5.8192	25	4.078	-57
9/18/2019 11:45	-5:00	9/18/2019 16:45	299.7	17.2	413.5	9.61286	9.25615	25.25	4.154	-45
9/18/2019 11:50	-5:00	9/18/2019 16:50	301.2	17.3	413.8	11.156	10.90822	26.25	4.154	-57
9/18/2019 11:55	-5:00	9/18/2019 16:55	300.8	17.3	414.5	9.28674	8.92836	29	4.139	-45
9/18/2019 12:00	-5:00	9/18/2019 17:00	302.5	17.3	414.2	2.80841	2.1842	28.75	4.109	-57
9/18/2019 12:05	-5:00	9/18/2019 17:05	302.8	17.32	412.8	1.59383	0.91303	28	4.094	-57
9/18/2019 12:10	-5:00	9/18/2019 17:10	301.7	17.4	413.7	1.39442	0.71011	27.75	4.094	-45
9/18/2019 12:15	-5:00	9/18/2019 17:15	300.7	17.4	408.8	12.71542	12.49092	27.25	4.094	-57
9/18/2019 12:20	-5:00	9/18/2019 17:20	301.3	17.4	409.3	1.33984	1.16413	27.25	4.094	-57



Angelica Creek, Berks Nature, downstream of The Nature Place (MSAC25)

Deployment By	Michael Griffith
Organization	Berks Nature
Registration Date	Sept. 16, 2019, 8:06 p.m.
Deployment Date	Sept. 18, 2019, 4:15 p.m.
Latitude	40.31108
Longitude	-75.92439
Elevation (m)	-
Elevation Datum	MSL
Site Type	Stream
Stream Name	Angelica Creek
Major Watershed	-



Monitor My Watershed®



Angelica Creek, Berks Nature, downstream of The Nature Place (MSAC2S)

Deployment By	Michael Griffith
Organization	Berks Nature
Registration Date	Sept. 16, 2019, 8:06 p.m.
Deployment Date	Sept. 18, 2019, 4:15 p.m.
Latitude	40.31108
Longitude	-75.92439
Elevation (m)	-
Elevation Datum	MSL
Site Type	Stream
Stream Name	Angelica Creek
Major Watershed	-



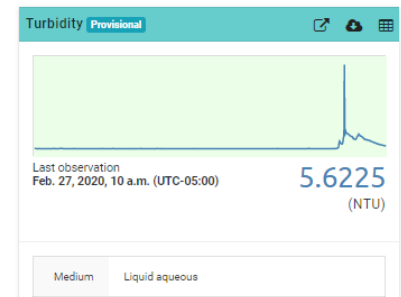
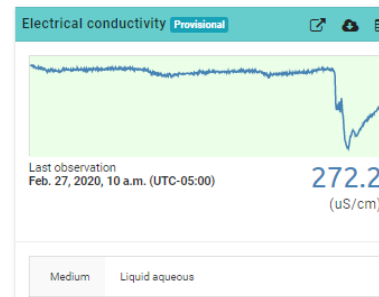
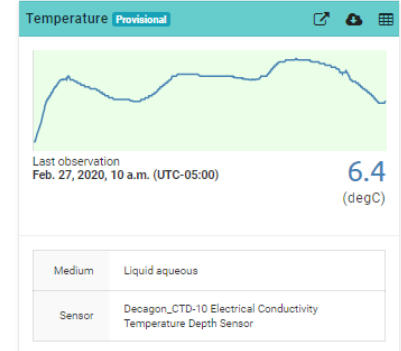
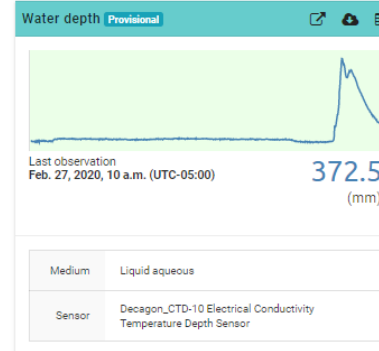
Sensor Observations at this Site



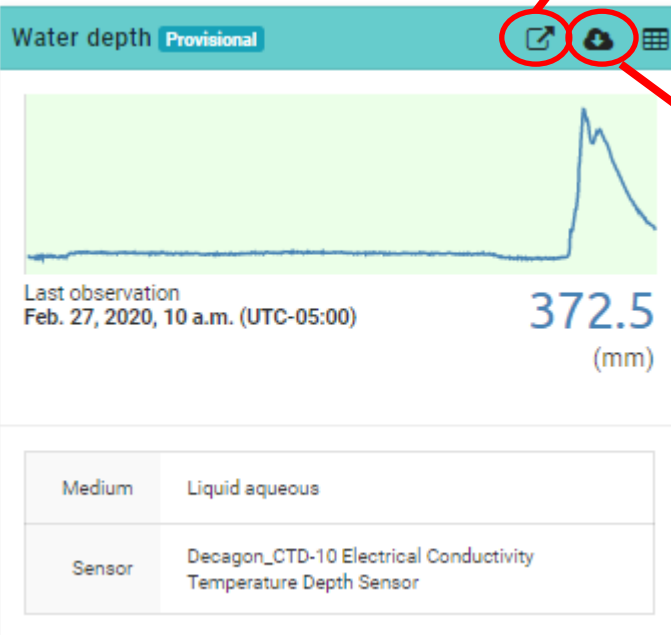
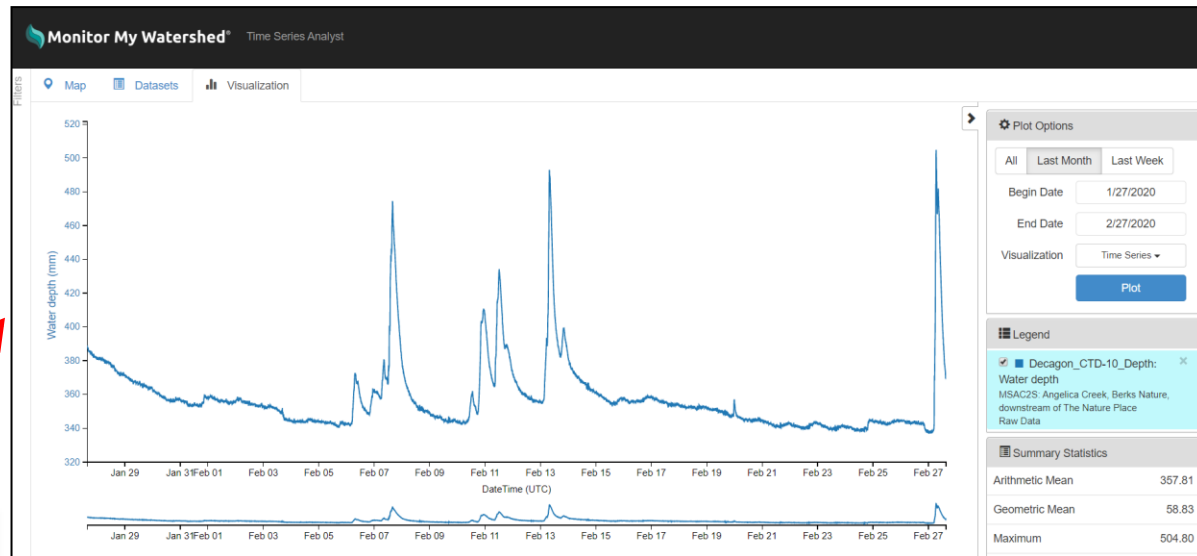
 DOWNLOAD SENSOR DATA

 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.

Time Series Analyst
 View data for this site.
 Related Link 

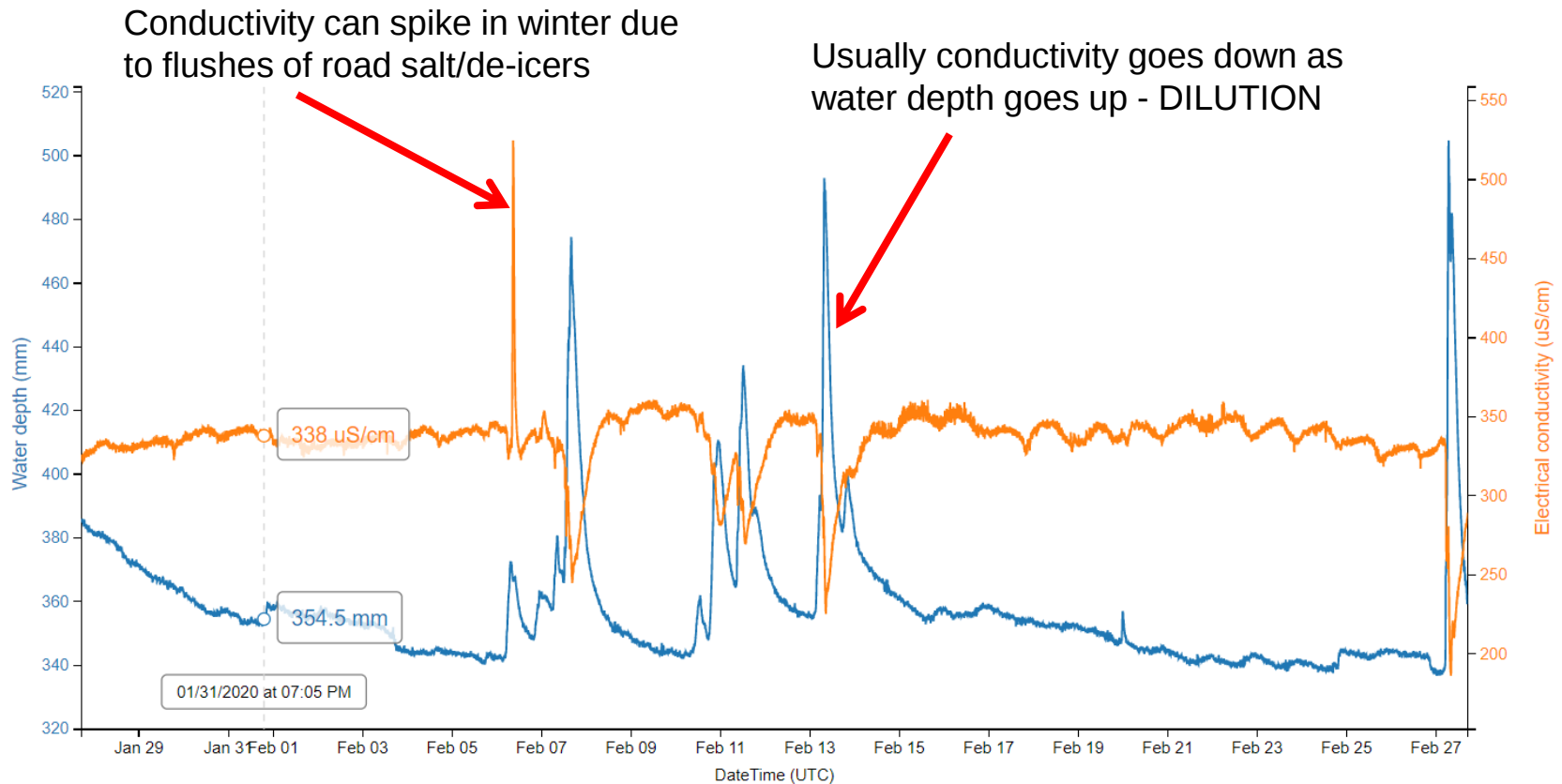


Monitor My Watershed®



# Organization: BerksNature			
# SourceLink: https://monitormywatershed.org/sites/MSAC2S/			
# ContactName: Michael Griffith			
# Phone:			
# Email: michael.griffith@berksnature.org			
# Citation:			
#			
DateTime	TimeOffset	DateTimeUTC	Decagon_CTD-10_Depth
9/18/2019 11:15	-5:00	9/18/2019 16:15	303.3
9/18/2019 11:20	-5:00	9/18/2019 16:20	304.5
9/18/2019 11:25	-5:00	9/18/2019 16:25	303.3
9/18/2019 11:30	-5:00	9/18/2019 16:30	304.7
9/18/2019 11:35	-5:00	9/18/2019 16:35	302.7
9/18/2019 11:40	-5:00	9/18/2019 16:40	301.2
9/18/2019 11:45	-5:00	9/18/2019 16:45	299.7
9/18/2019 11:50	-5:00	9/18/2019 16:50	301.2
9/18/2019 11:55	-5:00	9/18/2019 16:55	300.8
9/18/2019 12:00	-5:00	9/18/2019 17:00	302.5
9/18/2019 12:05	-5:00	9/18/2019 17:05	302.8
9/18/2019 12:10	-5:00	9/18/2019 17:10	301.7
9/18/2019 12:15	-5:00	9/18/2019 17:15	300.7
9/18/2019 12:20	-5:00	9/18/2019 17:20	301.3
9/18/2019 12:25	-5:00	9/18/2019 17:25	302.5
9/18/2019 12:30	-5:00	9/18/2019 17:30	303.3
9/18/2019 12:35	-5:00	9/18/2019 17:35	301.2
9/18/2019 12:40	-5:00	9/18/2019 17:40	302.3

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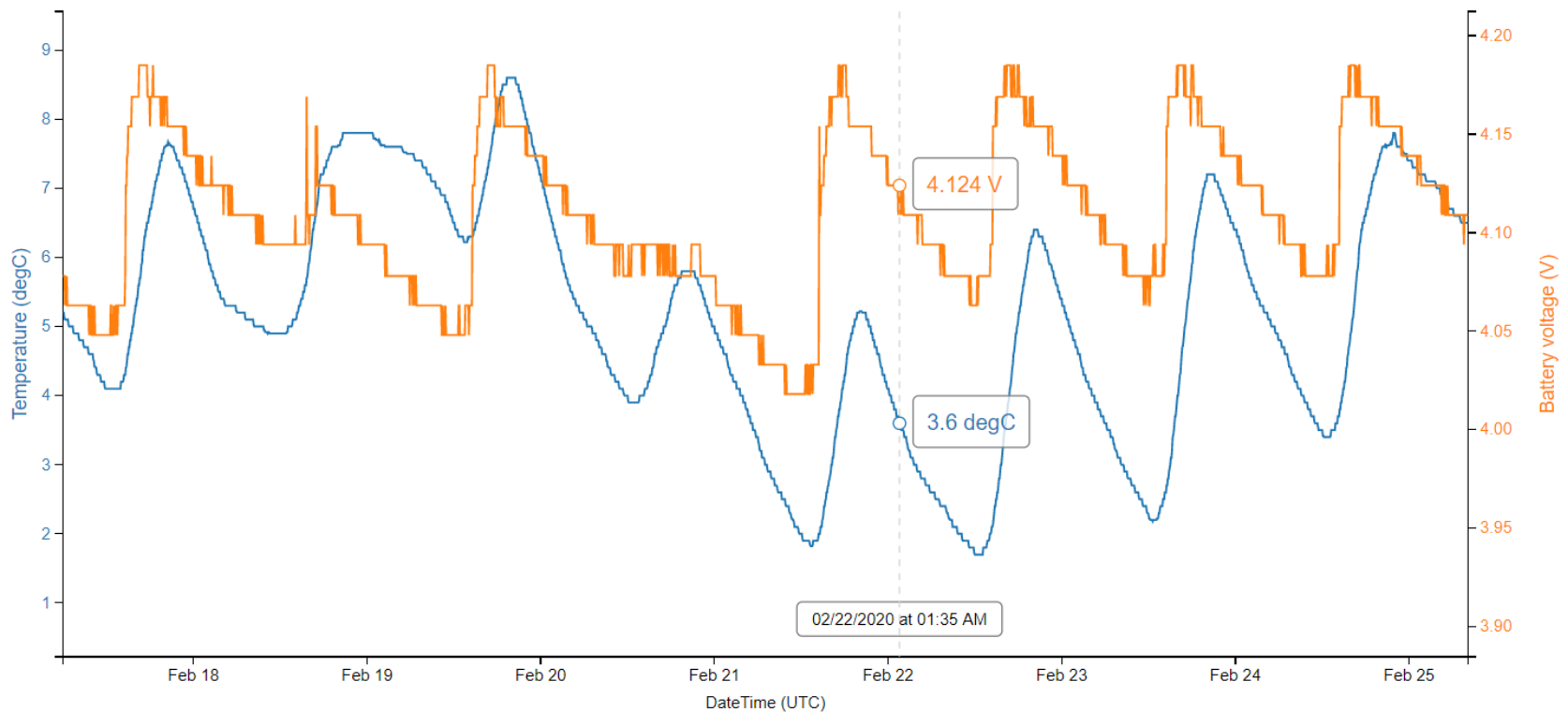


Site Code: MSAC2S
Site Name: Angelica Creek, Berks Nature, downstream of The Nature Place

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Water temperature and battery level of the monitoring station are usually correlated

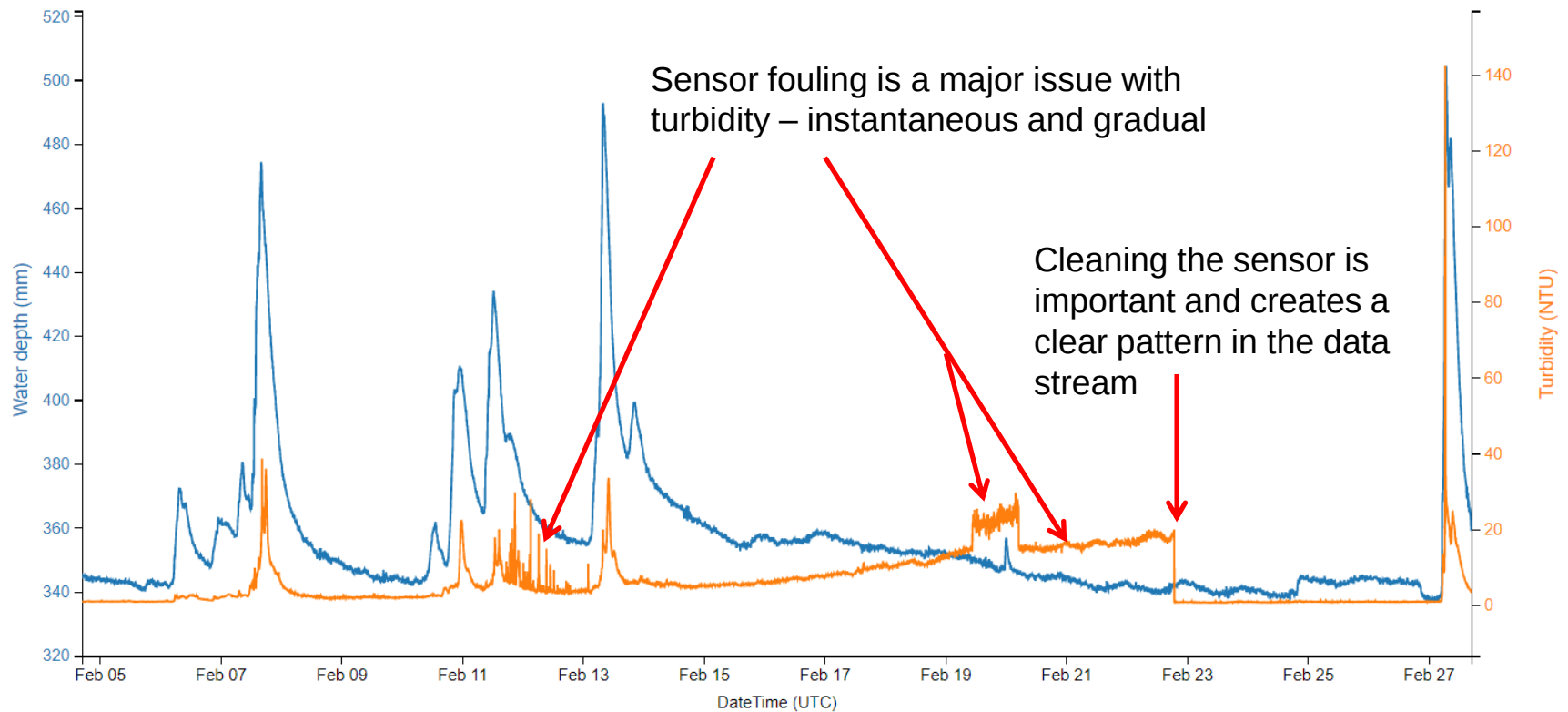
- Solar energy heats the water and charges the station



Site Code: MSAC2S
Site Name: Angelica Creek, Berks Nature, downstream of The Nature Place

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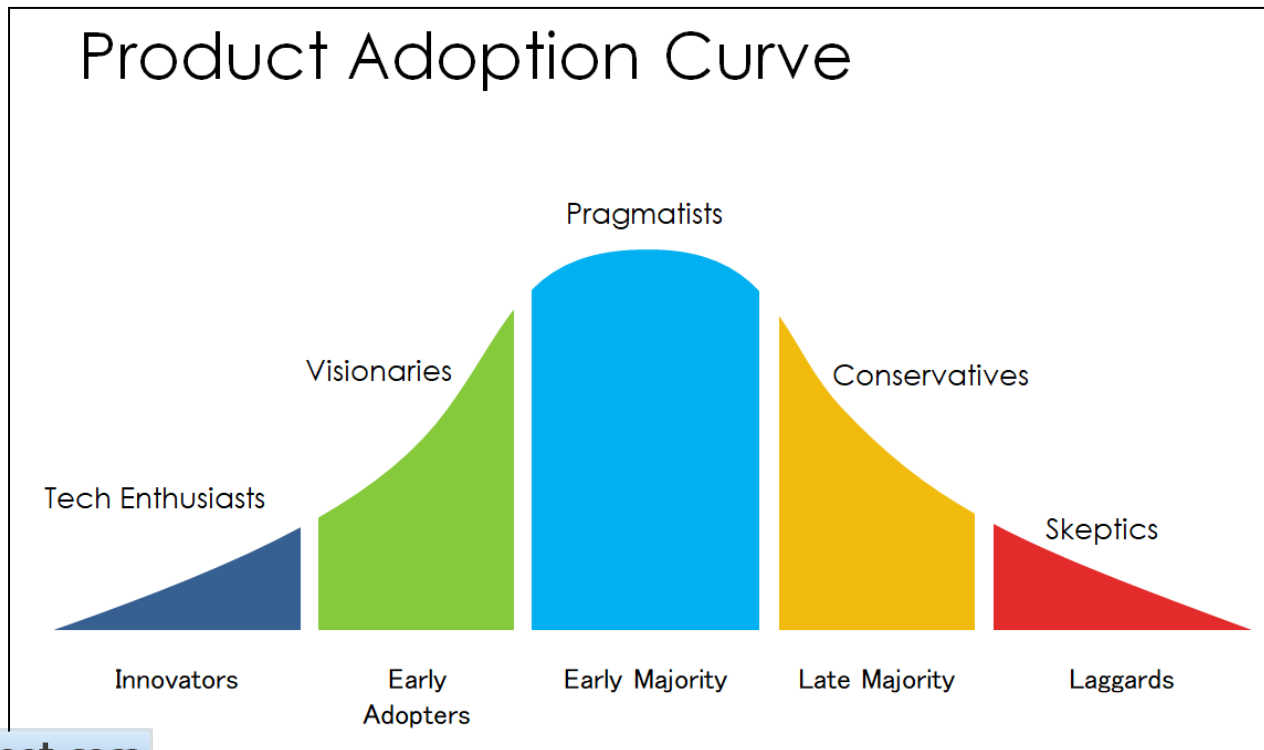
Turbidity increases during storms as sediment is washed into stream and mobilized from stream bed and banks, i.e., turbidity and depth are usually positively correlated



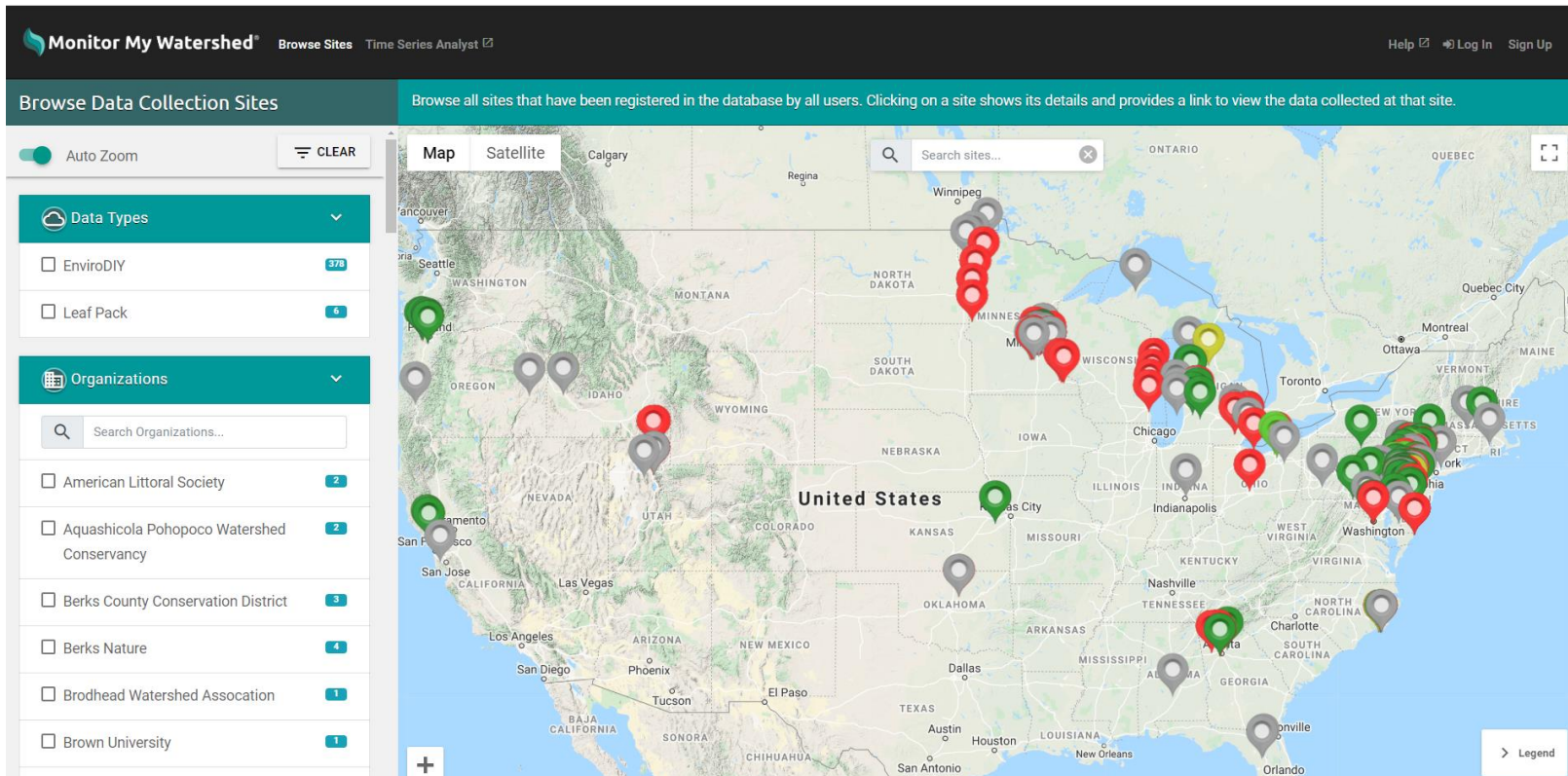
Site Code: MSAC2S
Site Name: Angelica Creek, Berks Nature, downstream of The Nature Place

- Key points about MonitorMW
 - It's new and in development, this is important for users to understand
 - It is entirely public – no login or pass needed to access, visualize, and download data
 - There are now help resources, guidance materials, and lesson plans (drafts)
 - There is a way to provide feedback on bugs and feature requests, GitHub
 - A lot more than what was provided here – ability to build station, establish a site on MonitorMW, and upload/transmit data

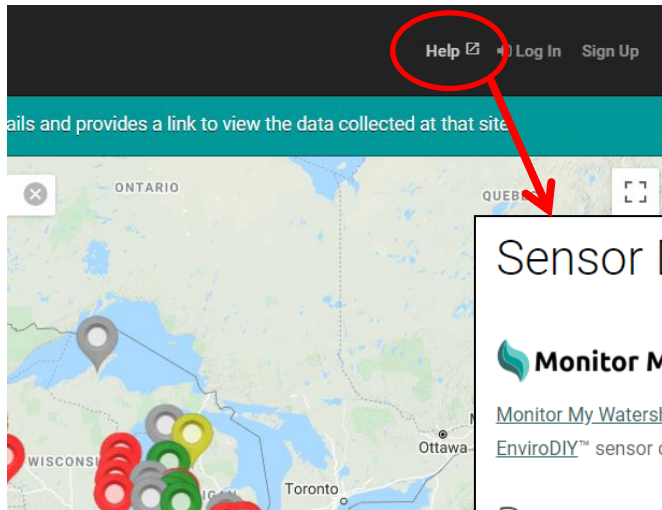
- Key points about MonitorMW
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- Key points about MonitorMW
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- Key points about MonitorMW
 - There are **now** help resources, guidance materials, and lesson plans (drafts)



Sensor Data Help



Monitor My Watershed® is a data portal that allows you to share and explore do-it-yourself environmental monitoring data. It currently hosts EnviroDIY™ sensor data and Leaf Pack Network® macroinvertebrate data. Monitor My Watershed is part of the WikiWatershed® toolkit.

Resources

- [Monitor My Watershed Quick Reference Guide](#)
- [Manual: Sharing and Viewing Sensor Data on Monitor My Watershed](#)
- [Getting Started with the Mayfly Data Logger](#) (hardware details, software instructions, sensor station manual)
- How to Use Monitor My Watershed
 - [15-minute video](#)
 - [55-minute video](#)
- [Curricula](#)

- Key points about MonitorMW
 - There are now help resources, guidance materials, and **lesson plans/curricula (drafts)**

<https://wikiwatershed.org/curricula/>



Model My Watershed®

Middle and High School Curricula

Watershed Modeling STEM Mini-Unit

This mini-unit was designed for middle school students to learn systems thinking and geospatial analysis skills in the context of place-based problem-solving for watershed science. It consists of two interactive lessons where students use online GIS-based modeling tools to develop an understanding of stormwater dynamics within a watershed. [Download the mini-unit teacher guide](#)

Watershed Modeling STEM Lesson One: Effects of Land Cover and Soils in Watersheds

What can you do to improve water in the lakes, rivers, and streams in your watershed?

Students will identify how land cover, rainfall totals, and soil texture affect evapotranspiration, runoff, and infiltration, and will explain the impact of land cover and soil texture on the health of the watershed. [Download the student worksheet](#)

Watershed Modeling STEM Lesson Two: Modeling Improvements to My Schoolyard

How can I improve my watershed... starting with my own schoolyard?

Students will model possible changes in land cover and conservation practices on their watershed and describe the impact of these changes. They will design a watershed plan for their schoolyard that maximizes the health of the watershed by implementing conservation practices and land cover changes. [Download the student worksheet](#)

Teaching Environmental Sustainability – Model My Watershed Five-Lesson Unit

Go to the [Innovative Technology in Science Inquiry \(ITSI\) portal](#) and click the "Explore ITSI activities" button. Scroll down and click on "High School Environmental Science."

College Curriculum

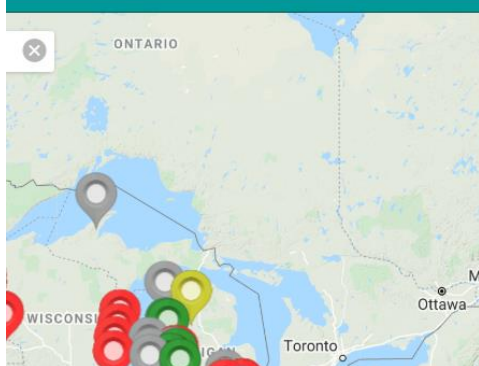
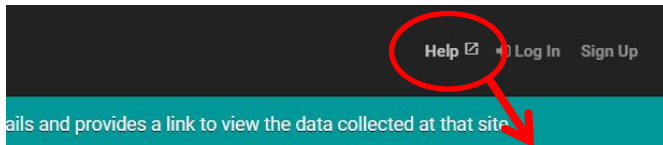
See [Earth-focused Modules and Courses for the Undergraduate Classroom, Unit 7.1 – Model My Watershed](#) in Carleton College's InTeGrate portal.



Monitor My Watershed®

Coming soon!

- Key points about MonitorMW
 - There is a way to provide feedback on bugs and feature requests



Forum and GitHub

Have a question about sharing sensor data on Monitor My Watershed? Before submitting a question by email, please do the following:

- Search the [EnviroDIY forums](#) for similar issues. If you don't find the answer, try posting your question on the forum to allow EnviroDIY community members to help.
- Check GitHub for known issues (see below).

Known Issues

 Monitor My Watershed is under development and there are a number of known issues. [Check our GitHub issue tracker to see known issues and GitHub milestones to see scheduled bug fixes and feature additions.](#)

Here are some of the most significant known issues:

- Users being warned that site is unsafe due to expired SSL certificate **FIXED**
- Error when attempting a password reset **FIXED**
- Website timing out when uploading CSV files
- Registration form says organization name is optional but it is currently set as required **FIXED**
- Uploaded sensor data not appearing in Times Series Analyst **FIXED**
- Uploaded data not appearing/not filling gaps

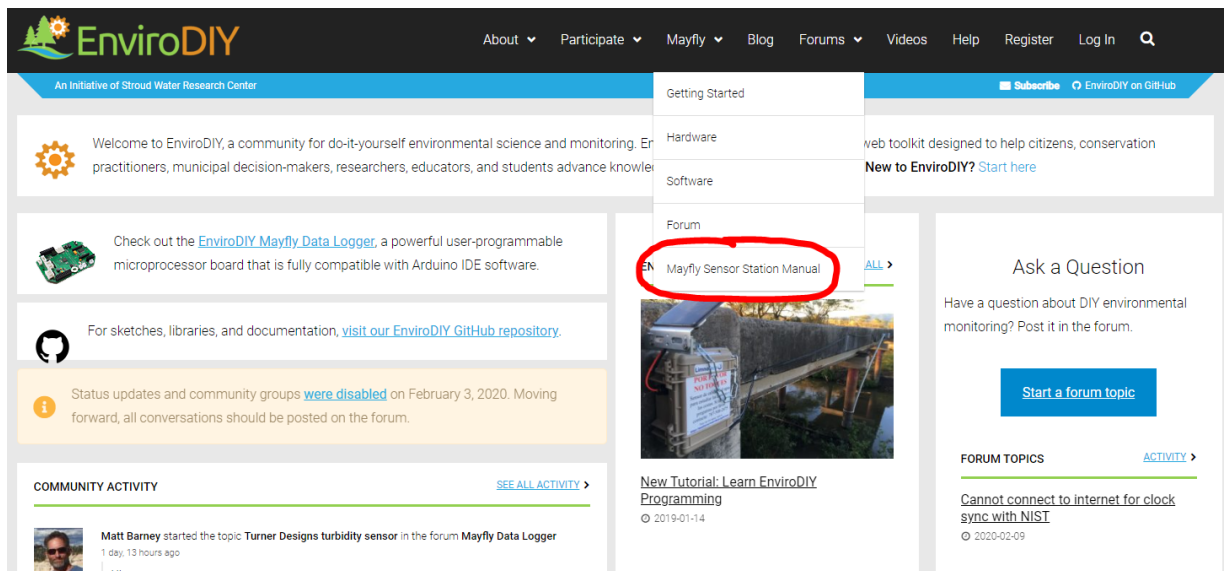
Still Need Help?

If you've reviewed the resources and still need help, or would like to report a bug or request a feature, please use our [contact form](#). GitHub users are welcome to report problems in the [issue tracker](#).

View the Monitor My Watershed [Terms of Use](#) and [Privacy Policy](#).

Monitor My Watershed®

- Key points about MonitorMW
 - Lot's more on the equipment/building via EnviroDIY.org
 - EnviroDIY.org forum – for tech support on EnviroDIY stations
 - Comprehensive manual – build from scratch, management, Quality Control, etc.
 - <https://www.envirodiy.org/mayfly-sensor-station-manual/>



The screenshot shows the EnviroDIY website interface. The top navigation bar includes links for About, Participate, Mayfly, Blog, Forums, Videos, Help, Register, and Log In. A dropdown menu is open under the 'Mayfly' link, showing options: Getting Started, Hardware, Software, Forum, and 'EN Mayfly Sensor Station Manual', which is circled in red. The main content area on the left features a welcome message, a link to the 'EnviroDIY Mayfly Data Logger', and a notice about disabled status updates. The 'COMMUNITY ACTIVITY' section shows a post by Matt Barney. On the right, there is a 'Ask a Question' section and a 'FORUM TOPICS' section with a link to 'Cannot connect to internet for clock sync with NIST'.

Onward!



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610-268-2153 ext312

- Katie Chambers
 - Recent Chemistry Education graduate from U of Delaware
 - Volunteer role with the Stroud Center
 - *Major contributor to the materials developed for this workshop
 - The baker of the cookies