

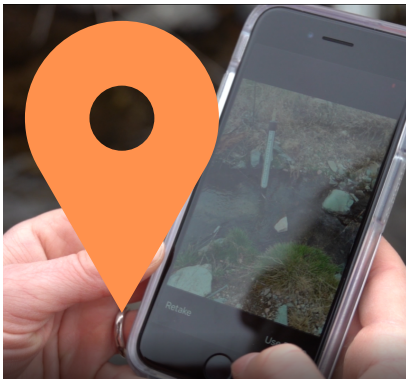


# WELCOME TO STREAM TRACKER

*You are joining a network of over 550 stream trackers nation-wide who are recording when and where they see flow in smaller stream channels. You are helping to improve mapping and monitoring of flow patterns of these intermittent streams.*

*Welcome to Stream Tracker- we are happy to have you!*

## LET'S GET STARTED!



### JOIN

Download the anecdotal.org app or create an account directly on [www.anecdotal.org](http://www.anecdotal.org). Search for Stream Tracker and join!



### FIND

Visit established sites or create new sites to add to the network. Look for small streams that intersect roads or trails.



### TRACK

Use the anecdotal.org mobile app or a paper datasheet to record your observations of flow conditions at smaller stream channels throughout the year.

# USING THE APP

## GET STARTED



WHEN YOU HAVE WI-FI

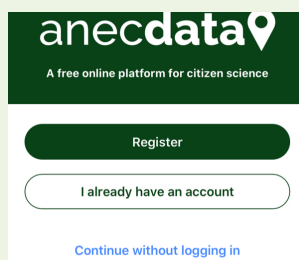


Download the anecdotal.org app to your phone

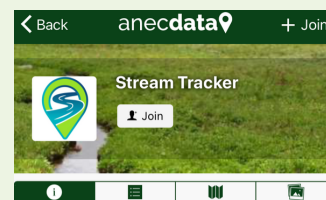
**anecdotal.org**



Open anecdotal app and register to create an account.



Tap "Find more projects" and search for Stream Tracker. Tap to join the project.



You are now ready to make your first observation

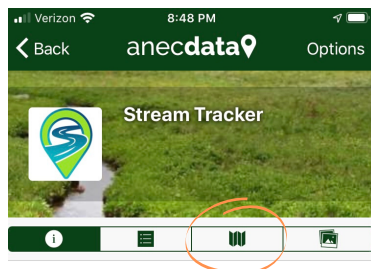
+ Add Observation

## FINDING SITES



WHEN YOU HAVE WI-FI

See if there are established sites (hotspots) near you by tapping the map icon

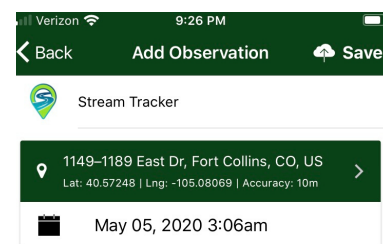


No sites near you? No worries! You can establish new sites at any time!

IN THE FIELD



If you are navigating to an established site (hotspot), you can see your proximity to a hotspot within the datasheet itself



Tap +Observe then tap the map pin bar

If you are establishing a new site, look for sites that:

- Have an easily recognizable channel
- Intersect a road or trail
- Are on public land if the site is to be visited by others

# USING THE APP

## DATASHEET BREAKDOWN

Verizon 9:26 PM

Back Add Observation Save

Stream Tracker

1149-1189 East Dr, Fort Collins, CO, US  
Lat: 40.57248 | Lng: -105.08069 | Accuracy: 10m

May 04, 2020 9:26pm

Streamflow presence/absence  
**Required.**

SITE TYPE (SELECT ONE)

☐ Established site (hotspot selected)

☐ New Site (no hotspot)

New Site name (required if NO hotspot)

Write something...

Add a photo

NOTES

Field notes and other observations

FINISHED?

Save

**LOCATION:** this field self-populates to your current location. Tap the map icon to select a hotspot or a different location on the map

**TIME/DATE:** this field self-populates to the current time/date. Tap to change to a past time/date

**STREAMFLOW PRESENCE/ABSENCE:** tap to select observed flow condition

**SITE TYPE:** select *either* established site if you selected a hotspot or confirmed your location at an established site -OR- new site if you are creating a new site

**NEW SITE NAME:** use the new site name field to give the site a name (required for new sites only)

**PHOTO:** add photo(s) of the site and the flow condition (*optional but strongly recommended*)

**NOTES:** add comments about field condition or any other information you find important (*optional*)

**SAVE:** finish making your observation by tapping save. If you have cellular data or wi-fi, your observation will upload immediately. If you do not have a sufficient connection, it will save to the app for you to upload later

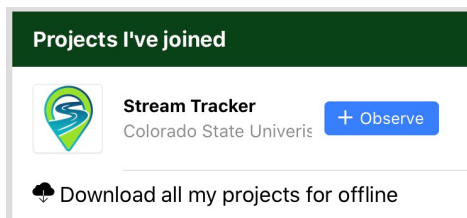
**Note:** within the app, there is blue help text as part of the datasheet to further assist you

# USING THE APP

## USING THE APP OFFLINE

Like many apps, you can access all of the app features and capabilities best when you have access to wi-fi or cellular data. However, the majority of stream tracker sites are remote. Luckily, this app can be used offline. Read below for important information on what to expect.

- 1 Ensure you have the most up-to-date project data and hotspots before leaving data/wi-fi. On the home page of the app, scroll to the bottom of your projects and tap "Download all my projects for offline" to cache the most current project data.

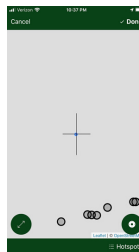


- 2 If you know you are going to be navigating to established sites, it is recommended to set up backup navigation capabilities by downloading the kml of stream tracker sites from [streamtracker.org](http://streamtracker.org) and using a 3rd-party offline navigation app to navigate to the sites. You can navigate to hotspots within the app, however there likely will not be a basemap to help orient you.

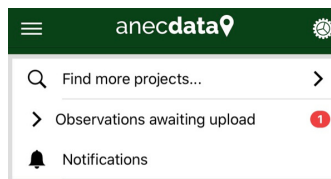
ONLINE



OFFLINE



- 3 You will need to upload all observations saved while offline once you have wi-fi. To do this, look for "Observations awaiting upload" on the home screen of the app. Alternatively, tap the menu icon in the top left of the home screen. Select "Awaiting upload" from the drop down menu.



- 4 Have a paper datasheet handy (or a way to record) as a backup if the app does not function as expected. You can always enter your observations once you return to service in the app or on [anecdata.org](http://anecdata.org).



# ADDITIONAL DATA COLLECTION OPTIONS

*We acknowledge mobile apps are not for everyone. You can still stream track without using the app.*

## YOU WILL NEED



### PAPER DATASHEET

You can download a printable datasheet from the project website at [www.streamtracker.org](http://www.streamtracker.org) or make your own with columns for date/time, site name, GPS coordinates, flow condition, and photos taken (yes/no)



### GPS DEVICE

You will need to record the latitude and longitude of the site by either using a hand-held GPS or a smartphone offline navigation app



### CAMERA

(optional)

If you wish to contribute photos with your observation, you will need a digital camera or the camera on a mobile phone.

## ENTERING THE DATA

Using a computer, you can navigate to either of the following sites in which Stream Tracker has a project page where you can enter your data. You will need to create an account and join the Stream Tracker project on that site before you enter your data. Which platform you use is your preference based on your comfort level. Reach out to us directly for further assistance.



[www.anecdata.org](http://www.anecdata.org)

This is the platform we are using for the mobile app. You can add an observation from the Stream Tracker project page.



[www.citsci.org](http://www.citsci.org)

This is the platform we first started the project on and is where most of our data are housed. You can add your data from the project page.

# STREAMFLOW PRESENCE/ABSENCE

## FLOW



There is flowing water in the channel in the area nearest to where the channel crosses the road or trail. This can range from a trickle to a flooding channel.



## NO FLOW



The channel is dry or moist. There is no visible water present.



## STANDING WATER



There is ponded or stagnant water with no visible flow nearest to where the channel crosses the road or trail.



## CHANNEL COVERED/OTHER



The channel is not visible or the site location is unclear. Explain the reason in the notes section of the datasheet (i.e., covered in snow, overgrown with vegetation, incorrect coordinates, undiscernible channel, too difficult to see while driving).



# PROJECT RESOURCES



**PROJECT WEBSITE:** [www.streamtracker.org](http://www.streamtracker.org)  
How-to documents, datasheets, additional information, links to data, site map kml for download, map of established sites, blog, project updates, upcoming events, donate, newsletter sign-up, contact us

**anecdata** 

**ANECDATA:** [www.anecdata.org](http://www.anecdata.org)

**WEBSITE:**

Create account/join project, enter data, download project data (2019-now), view data (2019-now), view contributed photos, comment/like other observations, view your contributions, view/analyze data, map of hotspots, manage your user profile, search for and join other citizen science projects, post to project discussion board, turn on/off emails from [anecdata.org](http://anecdata.org)

**APP:**

Create account/join project, enter data, view map of hotspots, view all observations, view contributed photos, comment/like other observations, view your contributions, search/join citizen science projects



**CITSCI.ORG:** [www.citsci.org](http://www.citsci.org)

Create account/join project (even if you have an [anecdata](http://anecdata.org) account), enter data, download project data (2017-now), view data (2017-now), view contributed photos by observation, view/analyze data, map of established sites, manage your user profile, search for and join other citizen science projects

**HOW FREQUENTLY  
WILL WE  
CONTACT YOU?**

By joining the project, you will receive occasional newsletters with project updates sent by the Stream Tracker team. Any emails from [anecdata.org](http://anecdata.org) with project updates can be turned off in your user preferences on [anecdata.org](http://anecdata.org).

CONNECT WITH US



[INFO@STREAMTRACKER.ORG](mailto:INFO@STREAMTRACKER.ORG)