

Catch and Call - How To: Setting Up GPS (Manual Mode)

Overview

The app includes GPS tracking to record where each catch was made. To conserve battery, GPS is only used briefly at the time of saving a catch. This guide explains how to enable GPS, understand when it's active, and how to manage its impact on battery life.

1. Enabling GPS Tracking

- From the **Main Menu**, tap **"Setup"**.
- Tap the toggle switch labeled **"Enable GPS Tracking"**.
- If prompted, allow the app to access location permissions.
 - Select **"Allow only while using the app"** for best results.

CATCH & CALL
TRACKER

Set Up

Type of Measuring

WEIGHT LENGTH

Type of Units

IMPERIAL METRIC

Type of Fishing Day

FUN DAY TOURNAMENT

Culling # -- Tournament Species

4 largemouth

Log Catch Location

ENABLED

START FISHING EVENT

MAIN PAGE CUSTOMIZE SPECIES LIST

Toggle the
GPS to
Enable or
Disable

2. When GPS is Active

- The app **does not constantly track location**.
- GPS is only triggered when you tap **"Save Catch"** in any entry screen.
- The app requests the **last known location** (less than 15 seconds old).
- If a valid location is found, it is saved with your catch entry.
- If not available, the catch is still saved, and location may update shortly after in the background.



Message saying the GPS location was saved

Same for all Catch Pages

3. Battery Efficiency

- This lightweight GPS strategy is designed to **minimize battery drain**:
 - GPS stays **off** until you save a catch.
 - It does **not** run in the background between catches.
- You can safely leave GPS enabled all day without noticeable battery loss.

4. Permissions Troubleshooting

- If GPS is not working:
 - Open **Settings > Apps > Catch and Cull > Permissions > Location**
 - Make sure it's set to "**Allow only while using the app**" or "**Allow all the time**"
- You may also need to enable location services globally in **Settings > Location**.

[INSERT SCREENSHOT: Android Location Permission Screen]

Additional Notes:

- GPS coordinates are stored with each catch and used in mapping features.
- No internet is needed to collect GPS — only a valid satellite signal.
- Location data is stored **locally** unless exported via CSV.