

## **COMMUNITY GAUGES ALERT SYSTEM**

Somerset Rivers Authority with the Environment Agency have installed around 30 River Level Gauges across Somerset (including Rivers Cam and Pitt). Collectively known as Community Flood Hub (CFH), there is a website with a wealth of information:

The Community Flood Hub is a Somerset Rivers Authority (SRA) funded pilot project, delivered in partnership by the Environment Agency. The project is working with communities to trial very localised early flood warning systems. New river level and rainfall gauges have been installed in a number of communities across Somerset.

The North Cadbury & Yarlinton parish has had new 3 river level gauges installed, these submit data every 15 minutes. The data is now available to the general public and there are several ways to access the data:

**River App** - <https://www.riverapp.net>

A user-friendly simple app for anyone interested in the gauge readings but without a specific need for warnings.

**Pegel Alarm** - <https://earlyfloodalert.com/en/>

A more sophisticated app which enables users to set their own alert thresholds for any river level gauge. This app is especially suited for anyone who might be worried about flooding.

**Community Flood Hub** – <https://cfh.aquaticinformatics.net/>

A sophisticated 'high tech' platform provided and maintained by the EA (Environment Agency), for access to data from any community gauges as well as relevant local rain gauges, This website is especially suited for anyone who is interested in the subject of rainfall and the effects on water levels and local streams and rivers. It contains a lot of data and on first impression can seem a little bit overwhelming to look at.

A training session for anyone interested in joining our flood warden volunteers team can be arranged, please contact the parish clerk.

### **WhatsApp Group 'North Cadbury River level Gauge Alerts'**

A WhatsApp group to provide alerts specifically to North Cadbury parish residents in danger or concerned about being flooded. Alert messages are manually posted and

updated by either the flood warden or a few volunteer alert receivers to provide a local early warning system for those in need of this.

This is a private group and only admin can post.

Please contact the clerk for contacts details of the flood warden, if you would like to be added to this group or are interested in helping in the event of a flood emergency.

### **WhatsApp Group : 'North Cadbury & Yarlington Parish flood issues watch**

A WhatsApp group for posting pictures, videos and information regarding potential flooding issues in the areas of the parishes of North Cadbury & Yarlington to help record and understand local flooding issues.

Any member of the group can post and comment.

Please contact the clerk for contacts details of the flood warden if you would like to be added to this group and/or are interested in helping to map and record flooding issues in our parishes.

### **WhatsApp Channel: 'Upper River Cam & Tributaries. Flood Alerts from Blackford River Level Gauges.'**

Another local WhatsApp Channel with a lot of useful information as well as updates from the Blackford gauge alerts, administered by the Blackford flood warden Tim Adams. Anyone can sign up to this channel.

### **Rain Gauges**

Part of the data collection process apart from the River Level Gauges is also collecting rain data. It has been noted that rainfall in the Parish can vary dramatically from one point to another even though they are in relatively close proximity. We are aware **some parishioners may have their own weather station or rain gauge, and if they were willing to share their data this would be very helpful.**

Please contact the clerk for contacts details of the flood warden, if you think you can help.