

Flood warning system user guide (Rob Brew's area).

In order to register your postcode with the system use the address http://129.12.44.32/rob/register_subscriber.jsp. This page will ask for the following details:
your phone number.
Your postcode.
An Mbed device code (explained later).

The server polls the postcode database to derive your location as latitude and longitude.

In the event of a flood warning a text message will be sent to the phone number registered.

NB: as we are using a free twilio account text messages can only be sent to the phone number belonging to Rob Brew. If you would like to have a number added please contact me at rb602@kent.ac.uk.

An mbed can be paired to a user's location using a one time code.

On connection to a network socket the mbed will obtain an address and poll the server. The server provides a code which can be entered to the register_subscriber page to pair the mbed to the user account.

Using the up and down direction of the joystick the river levels for current substations can be displayed on the device.

The http://129.12.44.32/rob/river_levels.jsp displays the river levels for each substation listed.

Users can search by day for each day of records and by each monitoring station using the buttons.

The graph will display the river levels for each monitoring station for each day selected.