NIWA Citizen Science Survey (CSS) App
Manual Rainfall Entry

NIWA is introducing a new method of collecting manual rainfall observations.

To make it more convenient for observers to manually record rainfall data, NIWA is introducing the **NIWA Citizen Science Survey (CSS) App**. This will allow observers to enter rainfall readings directly to their mobile phone for upload to NIWA. This App is available to use for Android and iPhones.

We recommend you take advantage of this App by following the steps below:

If you haven't done so already, you can download the free NIWA Citizen Science App from your App Store.

The NIWA Citizen Science App has been designed to quickly build surveys to support NIWA citizen science, so you will see several public surveys when you open the App. To start your registration or data entry, click on the sign-in menu in the top left-hand corner of the page.
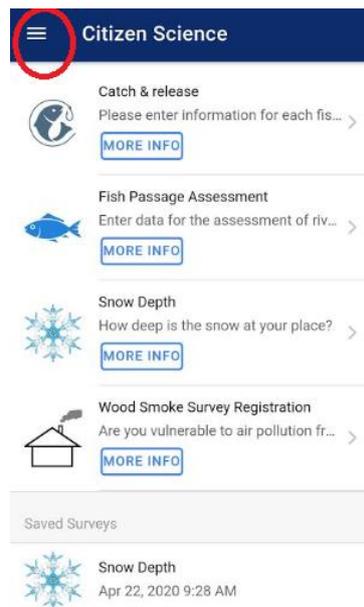
The first time you sign in…
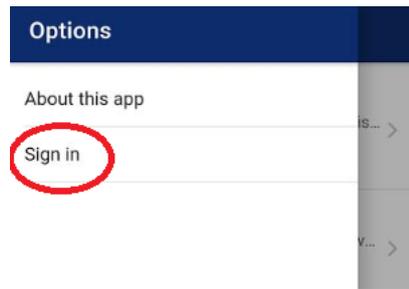
…you will be asked for a Gmail account (Google Account). If you do not already have a Gmail account just Google "Gmail" to setup a new one. Once you have entered your Gmail address you will be asked to approve your signing in and should see the screen displayed here.
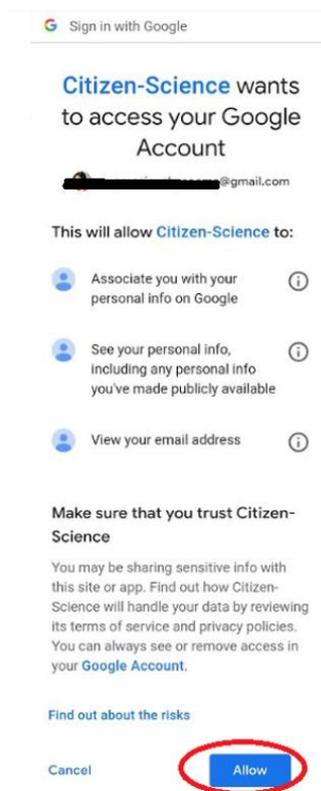
Once you 'Allow' it registers you with the Manual Rainfall Entry Survey.

Important

Next Step – please, send an email to **cemcar@niwa.co.nz (we are retaining this email address for rainfall monitoring)** stating your **Name, Network/Station Number, Station Name** and your **Gmail Address.**

We will then approve your registration and you will be able to see the 'Manual Rainfall Entry' survey on your phone within a few days.

To enter rainfall data after you have been approved:

Tap on the Manual Rainfall Entry screen section to begin entering your rainfall data **(keep your Network/Station Number handy- you will need this).**
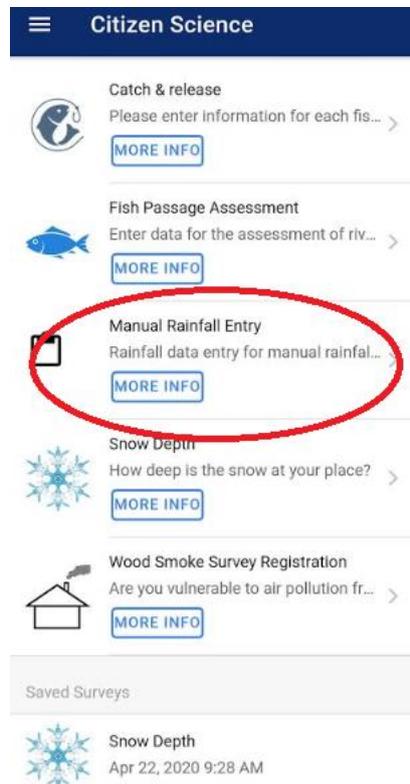
Compulsory Sections to be filled: Tap below each question to enter data.

The location and date are entered automatically. However, you could change the date and time depending on when the data is for (tap on the date to do that). **The rain gauge must be read around 9am (if not possible then select the correct time of the reading).**

Enter the **Network/Station Number** for your station.

Enter the amount of rain in mm and tenths, E.g. 3.5

Enter the number of days covered by the rainfall – normally 1.

Pick **Yes** or **No** from the drop-down list.

In addition to the rainfall you have measured, you are welcome to enter any significant weather events that may have occurred. Click the arrow against each event and select **Yes** or **No** from the drop-down lists.
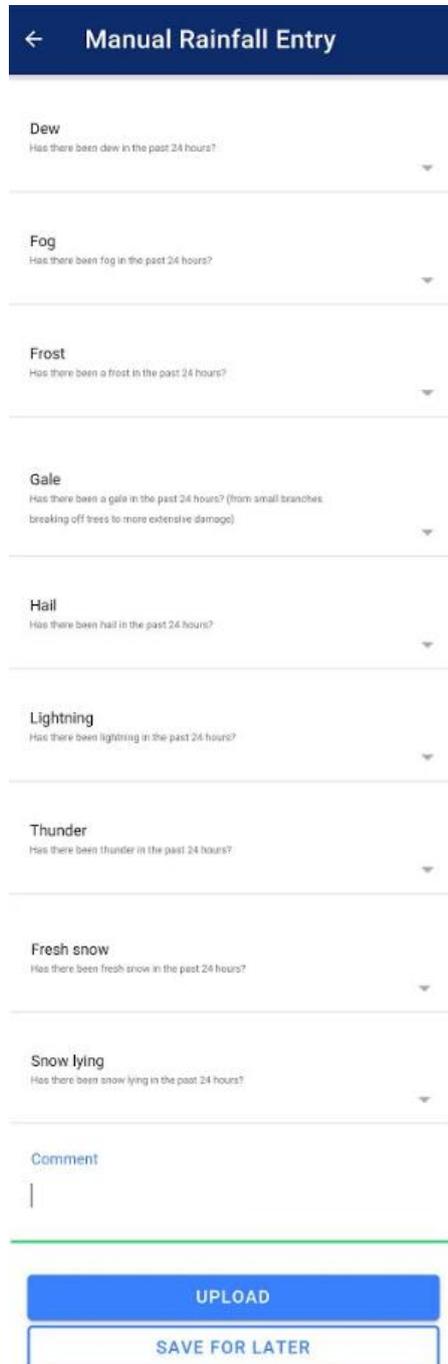
In the "Comment" space you can note any comments or messages to the NIWA climate staff.

Finally, tap **UPLOAD** to send the data you have recorded to the database.

Or, if you are out of cell phone range, or want to reopen the record to complete it at a later stage, you can tap **SAVE FOR LATER** and the record will be held until you upload it later.

Saved Surveys

If you saved a survey for later it will show up at the bottom of the screen under Saved Surveys. To upload the survey tap it to open it in the survey form – this will bring up the record that you had saved. Select **UPLOAD** once your record is ready to be uploaded.