

## 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...

Options	
About this app	ie .
Sign in	···· >
$\smile$	
	v >

...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.

C	itizen-Science wa	nts
to	access your Goo	gle
	Account	
4	@gmail.c	om
This	will allow Citizen-Science	to:
۲	Associate you with your personal info on Google	<b>(</b> )
٢	See your personal info, including any personal info you've made publicly available	(i) e
٢	View your email address	()
Mak Scie	e sure that you trust Citiz	en-
You i this s Scier its te You i your	may be sharing sensitive info w site or app. Find out how Citizer ce will handle your data by rev rms of service and privacy poli can always see or remove acce Google Account.	ith Iewing cies. ss in
Find	out about the risks	

Once you 'Allow' it registers you with the Manual Rainfall Entry Survey.

Important

Next Step – please, send an email to <u>cemcar@niwa.co.nz</u> (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).

	Citizen Science
Ø	Catch & release Please enter information for each fis > MORE INFO
	Fish Passage Assessment Enter data for the assessment of riv > MORE INFO
e	Manual Rainfall Entry Rainfall data entry for manual rainfal
漱	Snow Depth How deep is the snow at your place? > MORE INFO
	Wood Smoke Survey Registration Are you vulnerable to air pollution fr > MORE INFO
Saved Su	rveys
漱	Snow Depth Apr 22, 2020 9:28 AM

Compulsory Sections to be filled: Tap below each question to enter data.

Date & time 29 Apr, 2020 09: Network Number* Baden retwork number: Rainfall mm* Rainfall simm and tenthe eg. 9.5 or 0.0 for on rain	e & time	
Network Number* Baden network number. Rainfall mm* Rainfall is mm and tenthe eg. 3.5 or 0.0 for on rain.		29 Apr, 2020 09:21
Rainfall mm* Rainfal is mm and lenths eg. 3.5 or 0.0 for na rain.	vork Number* rateork sumber.	
	<b>fall mm*</b> I is mm and tenths eg. 3.5 or 0.0 for on n	an.
Rainfall period* The number of days the rainfall value covers. Mormally 1.	fall period* mber of days the namfall value covers, Na	senally 1.

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.

← Manual Rainfall Entry	
Devi	
Dew Has there been dew in the past 24 hours?	
	4
Fog	
Has there been fog in the past 24 hours?	~
Frost Has there been a frost in the past 24 hours?	
	*
Gale Has there been a gale in the past 24 hours? (from small branches	
breaking off trees to more extensive damage)	¥
Has there been hall in the past 24 hours?	
	*
Lightning	
Has there been lightning in the past 24 hours?	~
Thunder Has there been thunder in the past 24 hours?	
	÷
Fresh snow	
Has there been fresh snow in the past 24 hours?	Ŧ
Snow lying Has there been snow lying in the past 24 hours?	
	Ŧ
Comment	
UPLOAD	
SAVE FOR LATER	

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.

