

What Flood Data is available on the portal?

Dublin City Council have been collecting and generating operational data relating to rainfall, river level, weather and general flooding. Due to an increase in the demand for this type of data, Dublin City Council have decided to make this data available through the Smart Dublin Open Data portal under a CC-BY-A-NC license. This means that the data can be used for non-commercial uses only.

There are currently five datasets available on the platform provided by three different sources:

- Dublin City Council Operational Data
- Pervasive Nation (CONNECT / DCC)
- Dunraven

The data consists of both historical data and near real-time data (the latest data is provided up to the previous 24 hour period).

The datasets available are:

1. Dublin City Council Operational Data

This consists of rainfall, river level, tidal, weather stations and has been collected since 2013. These sensors use cellular connectivity.

2. Pervasive Nation (CONNECT / DCC)

This consists of 25 rainfall sensors deployed as part of a research project between Dublin City Council and CONNECT. The initial sensors were deployed in 2016. They use LoRaWAN connectivity.

3. Dunraven

This consists of 10 river level sensors deployed as part of a research project with TCD PhD Student Conor Dowling . They were deployed in early 2018. They use Sigfox connectivity.

To request access to the datasets, please complete the form using the link below:

<https://forms.gle/3UKLSDcKX8EQSvLP9>

You will need to agree to the Terms and Conditions for use of the Flood Data.

Your request will be sent for approval and reviewed by Dublin City Council.

More information on the next steps are provided in the "Getting Set-up Guidelines" .pdf resource.