

Introduction

Flood Maps (NI) Surface Water is a multi-layered **predictive** flood mapping product providing a strategic overview of areas across Northern Ireland that could be affected by **surface water** flooding.

Purpose of the Data

The dataset has been designed to raise awareness among the public, Government Departments, local authorities and other organisations of the likelihood of **surface water** flooding, thus supporting a more proactive and co-operative approach to flood risk management.

By being aware of the land estimated to be at risk of flooding, authorities can develop strategies to better manage flood risk through their planning, flood prevention, and emergency planning functions.



Screenshot of Flood Maps (NI) [Surface Water] with LPS background mapping

Data Coverage

All of Northern Ireland, with some limited coverage in the Republic of Ireland in border areas.

Data Format

Web Mapping Service or Downloadable dataset (ESRI file geodatabase), accessible via Spatial NI website.

Data content

The Flood Maps (NI) [Surface Water] dataset includes the following layers of information for present day and climate change epochs:

- I200 Present Day (0)
 - I200 Depth Band (1)
 - I200 Flood Extent (2)
- I200 Climate Change (3)
 - I200CC Depth Band (4)
 - I200CC Flood Extent

I200 represents a “Medium Probability” flood hazard. There is a 0.5% chance that a flood of this magnitude or greater will occur in any given year.

Data Update Policy

Major updates are scheduled as appropriate on the basis of significant global change to the datasets underpinning the development of the flood mapping products.

Since the **surface water** map is an “indicative map” product providing a strategic overview, no minor updates are scheduled.

Data availability

The dataset can be viewed within the Flood Maps (NI) map viewer - available at:

<https://www.infrastructure-ni.gov.uk/topics/rivers-and-flooding/flood-maps-ni>

For further information and to re-use this data commercially, contact Land & Property Services at: digital.supply@finance-ni.gov.uk

Companion Products

- Flood Maps (NI) Floodplain – Rivers
- Flood Maps (NI) Floodplain – Tidal
- Flood Maps (NI) Historical Flooding