

Preliminary flood risk assessment: Wigan Metropolitan Borough Council

This addendum by Wigan Metropolitan Borough Council (2017) updates the council's preliminary flood risk assessment report published in 2011. Read the addendum in conjunction with the [preliminary assessment report](#).

Addendum

The preliminary flood risk assessment (PFRA) and flood risk areas (FRAs) for Wigan Council were reviewed during 2017, using all relevant current flood risk data and information.

There have been no changes to the assessment of risk since the preliminary assessment report was published in 2011.

Past flood risk

Flooding has occurred at Beresford Street, Wigan for a number of years, but most notably on the 22nd June 2012 with 14 properties flooding internally and water 300mm deep in the turning circle at Miry Lane Industrial Estate. The primary source of flood risk is caused by Barley Brook which is a main river. The main cause of flooding in 2012 has been attributed to a build-up of debris in a section of culvert within the cartilage of Pagefield Industrial Estate, resulting in surcharging of the culvert and the highway drainage that discharges into the culvert.

The flood event over the 23, 24, 25 & 26 of September 2012 to the Saddle Junction/Wallgate Eleanor Street has been attributed to severe prolonged rainfall which resulted in eight residential properties and one commercial property flooding internally and was predominately surface water which overloaded United Utilities combined sewer which was not surcharged to a level to result in foul flooding but was surcharged sufficiently to prevent the highway drainage system in the area from discharging into it. Additionally the highway drainage system on Wallgate also discharges directly into the River Douglas and again due to the above prolonged rainfall the river levels rose significantly above the highway drain outfall pipe preventing it from discharging into the river.

On the 14th June 2016 a total of 20 properties flooded internally within the Wigan area due to the unprecedented level of rainfall that fell in a short period of time throughout the Borough, with 16 of those being within the Hawkley Hall Area. Properties on Colby Road, Fulbeck Avenue and Atholl Grove area of reported surface water surcharging from the public sewers and Hawkley Brook. The flooding on Colby Road and Fulbeck Avenue has been attributed to localised, unprecedented rainfall that saw the levels in Hawkley Brook rise to a point that discharge of the public sewers to the Brook was not possible, leading to the sewers backing up and surcharging through the manholes. Atholl Grove flooding was attributed to fluvial flooding from Hawkley Brook.

[Flood Investigation Reports](#) published since 2011 can be found on the Wigan Council Webpage.

Future flood risk

There has been no detailed assessment of future risk based on flood events or updated modelling carried out by the Council at this point.

Flood risk areas (FRAs)

No FRAs have been identified within the Wigan Council lead local flood authority (LLFA) area for the purposes of the Flood Risk Regulations (2009) second planning cycle.

Other changes

There are no further changes in organisation or governance relevant to the purposes of this assessment.

**Wigan Metropolitan Borough Council
December 2017**