

ADDENDUM

Update to the preliminary flood risk assessment report for Denbighshire County Council

The preliminary flood risk assessment (PFRA) for Denbighshire County Council was reviewed during 2017, using all relevant current flood risk data and information, and agreed with Natural Resources Wales on 22nd December 2017.

The below statements describe the review of the assessment of risk since the preliminary assessment report was published in 2011.

Past flood risk

There has been a review of flooding experienced since the publication of the first Preliminary Flood Risk Assessment Report in 2011 and this found that the following flood events led to locally significant harmful consequences:

In 2016 pluvial flood events led to 6 residential properties flooding along Ffordd Derwen and to 5 business units within the Alitts Industrial Park, in Rhyl. Investigations into these matters determined that in Ffordd Derwen drainage improvement was needed in the highway and in the private business park, communal provision of the private drainage network wasn't adequate, and due to blockage, businesses flooded.

In 2017, pluvial flooding led to 6 residential properties flooding along Ffordd Derwen, in addition to 5 properties on Garford Road, in Rhyl. The same rainfall event further led to over 28 business properties flooding at various points on Prestatyn Highstreet and 6 properties on Bro Berllan in Rhuddlan, investigations into the matter are on-going.

Future flood risk

The following information has been identified since the publication of the first Preliminary Flood Risk Assessment Report in 2011 that has led to a change in understanding of future flood risk:

Denbighshire County Council has received new information, including the updated surface water flood map data that has improved our understanding of pluvial flood risk across the county. We have also digitised old flood incident data and are currently working on mapping the surface water drainage network to identify connectivity between drainage assets to better understand how our highway drainage systems work.

DCC have not created or received new information to improve the understanding of future impact of climate change in regards to sources of local flood risk.

Although new data such as the updated surface water flood maps has improved our general understanding of pluvial flood risk across the county, our understanding of significant flood risk has not changed and there has been no new areas identified as being at significant risk.