

Preliminary flood risk assessment: London Borough of Camden

This addendum by London Borough of Camden (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 London Borough of Camden were reviewed during 2017, using all relevant current flood risk data and information.

Camden's Strategic Flood Risk Assessment (SFRA) was published in 2014 and provides comprehensive information on the risk and consequences of flooding from all sources in the borough. The SFRA confirms the findings of the Preliminary Flood Risk Assessment.

Past flood risk

There have been no recorded floods in Camden since 2002.

Future flood risk

Future flood risk was assessed as part of the 2011 Preliminary Flood Risk Assessment using the London wide Drain London model. Camden then commissioned an update to this model which is referred to in Annex 2. The modelling approach involved expanding the underlying Thames Water model to enable better modelling of overland flows and the effect of direct rainfall on open space. Gullies were also simulated by increasing the flow co-efficient in and out of manholes from 0.5 to 0.8. The supplied Thames Water model was verified but not calibrated by Thames Water. The enhanced model did not materially or significantly alter the findings of the Drain London model but provided a framework for Initial Assessments various key flood risk locations.

The initial assessment work (also detailed in Annex 2) typically took the Enhanced Model and added more detailed site specific information, for example precise gully locations and curb heights. In all instances the level of flood risk decreased from the Drain London model suggesting that the former was overstating flood risk in Camden.

In addition to the enhanced modelling work, the City of London completed the Hampstead Heath dam restoration project in 2015/16. This project substantially increases the standard of protection to residents down-stream from the Heath reservoirs.

Flood risk areas (FRAs)

The following FRA has been identified for the purposes of the Flood Risk Regulations (2009) 2nd planning cycle:

- Greater London (includes the whole of Camden, as in the first cycle)

Other changes

The SFRA and local flood risk management strategy (LFRMS) have both been published since the 2011 PRFA. The FRMS in particular defines Camden's approach to its duties under the Flood and Water Management Act.

**London Borough of Camden
December 2017**