

Strategic Flood Risk Assessment Addendum

North East Lincolnshire Council (the Council) published the *North and North East Lincolnshire Strategic Flood Risk Assessment* (SFRA) in November 2011.

This document contained maps showing the degree of flood risk hazard which would arise from the failure of tidal flooding defences, and this is referred to as breach inundation events. This modelling takes account of climate change up to 2115.

At the time of the publication of the SFRA, the Environment Agency (EA) was undertaking additional modelling. This modelling became available to the Council during November 2011 at the time that the SFRA was published. The SFRA maps were therefore based on older data. The Council uses breach hazard mapping to inform planning decisions.

This addendum provides the Level 2 assessment November 2011 breach hazard maps, and maps showing the depth of water that would be expected should breach events occur. These maps should be read in conjunction with the standing advice contained within the SFRA. All maps show event with a 1 in 200 year or less (0.5%) annual probability of occurring.

Breach Hazard Map 1 | Breach Depth Map 1

Immingham and Estuary Area

This map covers the following settlements: Immingham, Habrough, Stallingborough, Healing, and Great Coates (part).

Breach Hazard Map 2 | Breach Depth Map 2

Grimsby and Cleethorpes Area

This map covers the following settlements: Grimsby, Cleethorpes (north), and Great Coates.

Breach Hazard Map 3 | Breach Depth Map 3

Cleethorpes and Humberston Area

This map covers the following settlements: Cleethorpes (south), Humberston, and New Waltham.

These maps show tidal breach events and therefore inland areas are not covered. Flood risk from other sources is still present in inland areas and the EA's Flood Zone maps, and other relevant data contained within the SFRA and other published datasets should still be referred to. The Flood Zone maps should also be referred to when looking at the risk of flooding in areas covered by these breach hazard maps because the breach hazard areas model a different scenario to the flood zone maps. The flood zone maps accordingly show other areas which have been assessed to be at risk of flooding.