

Preliminary flood risk assessment: Portsmouth City Council

This addendum by Portsmouth City 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 Portsmouth City Council were reviewed during 2017, using all relevant current flood risk data and information.

Past flood risk

2 post-2011 predominantly coastal events. The first affecting the Eastern Road, one of the 3 routes on and off Portsea Island. Overtopping of defences caused flooding to a depth of 300m and the closure of the road. The second - Southsea - due to overtopping of and breach of sea defences causing collapse of defence and extreme erosion to the promenade behind and causing flooding to lower ground areas of The Pyramids leisure complex, including the plant rooms. Emergency works had to be undertaken to prevent significant flooding to properties. Both of these areas affected are within the areas to be at reduced flood risk as a result of two flood and coastal erosion risk management schemes which are currently in progress.

Future flood risk

Since the completion of the PFRA we have undertaken a Surface Water Management Plan (SWMP), which looked into 14 hotspots. Our SWMP is due for review, preliminary review shows that around 3 of these hotspots remain, mainly due to a lack of information. The remainder were either addressed by Southern Water's £20m+ Asset Management Plan 5 investment in the city, or identified as low surface water flood risk. The SWMP did not indicate any areas of significant risk according to the criteria in Table 1 of the PFRA review guidance.

Also an improved understanding of how wind direction and groundwater can affect flooding. We are currently running a groundwater monitoring programme, supported by Regional Flood and Coastal Committee Local Levy funding, to aid our understanding of future groundwater flood risk to the city.

Flood risk areas (FRAs)

No FRAs have been identified for the purposes of the Flood Risk Regulations second planning cycle in the Portsmouth City Council area.

**Portsmouth City Council
December 2017**