

MODEL NOT UPDATED

Model	Modelled for climate change?	Return periods modelled	Comment
Birket, Fender & Arrowe Brook 2011 - def and undef	-	-	Climate change modelled for the Wirral Level 2 SFRA
Bowers Brook 2017	-	-	Detailed Infoworks model not suitable for use in SFRA
Childwall Brook 2008 (HEC-RAS)	-	-	Model is not georeferenced, low accuracy of flood mapping
Childwall Brook 2008 (JFLOW)	-	-	Unsupported model in old version of software
Clipsley Brook 2009	Yes	Q25, Q25CC44, Q25CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment Q25 modelled as Q30 hydrology not available
Court Hey Brook 2009	-	-	Model is not georeferenced, low accuracy of flood mapping
Dibbinsdale Brook 2016	Yes	Q30, Q30CC44, Q30CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Firwood Grove 2010	-	-	Model domain is outside of the LCRCA boundary
Greasby Brook 2017	Yes	Q30, Q30CC44, Q30CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Hardshaw Brook 2010	-	-	Detailed Mike 11 model not suitable for use in SFRA
Jacks/Millingford Brooks 2014	-	-	Detailed Infoworks model not suitable for use in SFRA
Keckwick Brook 2014	Yes	Q30, Q30CC44, Q30CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Logwood Mill Brook 2012	Yes	Q25, Q25CC44, Q25CC57 Q100, Q100CC44, Q100CC57 Q1000	Lower Mersey management catchment Q1000 plus climate change simulations are unstable. Model will not run.
Lower Dibbinsdale Brook 2017	Yes	Q30, Q30CC44, Q30CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Lower Weaver 2019 - def and undef	-	-	Majority of model domain outside of combined authority boundary therefore not updated
Mersey Estuary 2016	-	-	Model unstable. Using outputs from Wirral Level 2 SFRA.
MSC 2016	-	-	Missing model files requested from the EA to include in final SFRA
Murdishaw Brook 2011	Yes	Q20, Q20CC44, Q20CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Netherley & Halewood 2012 - def and undef	Yes	Q20, Q20CC44, Q20CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Pendlebury Brook 2012 - def and undef	Yes	Q20, Q20CC44, Q20CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Phipps Brook 2003	-	-	Missing model files requested from the EA to include in final SFRA
Randle & Rainford 2011	Yes	Q20, Q20CC44, Q20CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Sankey Catchment 2003	-	-	Model domain is outside of the LCRCA boundary

Sherdley Brook 2010	-	-	Missing model files requested from the EA to include in final SFRA
St Helens 2011	-	-	Detailed Mike 11 model not suitable for use in SFRA
Stanlow 2019	-	-	Missing model files requested from the EA to include in final SFRA
Upper Childwall Brook 2016	-	-	Missing model files requested from the EA to include in final SFRA
Warrington 2009	-	-	Model domain is outside of the LCRCA boundary
Wirral Tidal 2015 - def and undef	Yes	T30, T30 + higher, T30 + upper Q20, Q20CC44, Q20CC58	Lower Mersey management catchment
Crossens 2007, 2010, 2012 - def and undef	Yes	Q100, Q100CC44, Q100CC58 Q1000, Q1000CC44, Q1000CC58	Alt and Crossens management catchment
Mill and Windle 2010 - def and undef	-	-	Missing model files requested from the EA to include in final SFRA
Mersey TUFLOW	-	-	Model domain is outside of the LCRCA boundary
Upper Alt Tribs - Kirkby and Knowsley 2017	Yes	Q30, Q30CC44, Q30CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Ormskirk Road 2015	Yes	Q30, Q30CC44, Q30CC57 Q100, Q100CC44, Q100CC57 Q1000, Q1000CC44, Q1000CC57	Lower Mersey management catchment
Tidal Lancs (Alt) 2014	Yes	T30, T30 + higher, T30 + upper	Alt and Crossens management catchment
Tidal Lancs (Ribble) 2015	Yes	T30, T30 + higher, T30 + upper T200, T200 + higher, T200 + upper T1000, T1000 + higher, T1000 + upper	Alt and Crossens management catchment
Upper Alt 2013 - def and undef	Yes	Q30, Q30CC44, Q30CC58 Q100, Q100CC44, Q100CC58 Q1000	Alt and Crossens management catchment Q1000 plus climate change simulations are unstable. Issues are being diagnosed for inclusion in final SFRA.
Maghull SFRM 2011 - def and undef	Yes	Q25, Q25CC44, Q25CC58 Q100, Q100CC44, Q100CC58 Q1000	Alt and Crossens management catchment Q1000 plus climate change simulations are unstable. Issues are being diagnosed for inclusion in final SFRA.
Lower Alt 2010 - def and undef	Yes	Q25, Q25CC44, Q25CC57 Q100, Q100CC44, Q100CC57	Alt and Crossens management catchment Q1000 and Q1000 plus climate change simulations are unstable. Issues are being diagnosed for inclusion in final SFRA.