

DESCRIPTION OF MAPS

Table 13: Maps produced during the Level 1 SFRA

Map Reference	Map Title	Description
001	River Network	Map shows the Lewes District Council (LDC) and Parish boundaries and the locations of watercourses (main rivers and ordinary watercourses) that cross these boundaries.
002	Flood Risk Zones	Map shows the LDC boundary; the locations of watercourses; and the flood outlines of Flood Zones 2, 3, and 3b (functional floodplain).
003	Flood Defences	Map shows the LDC boundary; the locations of watercourses; the locations of structures identified in the National Flood and Coastal Defence Database (NFCDD); and the lines of defence with varying standards of protection (2yr, 5yr, 30yr, 50yr, 100yr, 200yr, 1000yr and unknown standard).
004	Historical Flooding	Map shows the LDC boundary; the locations of watercourses; the locations of flood events recorded by the Environment Agency (EA) and Southern Water (SW); and the flood outlines of various historic flood events (Lewes 1960, Ouse 1975, Ringmer 1987, Seaford 1996, and Ouse 2000).
005	Extent of Hydraulic Modelling	Map shows the LDC boundary; the locations of watercourses; and the cross section points used in the hydraulic modelling.
006	Sources of Potential Flood Risk	Map shows the LDC boundary; the locations of watercourses; the locations of reservoirs; the locations of main trunk sewers (dia. > 500mm) and trunk sewers (dia. < 500mm); and the locations of bridges owned and maintained by East Sussex County Council (ESCC).
007	Groundwater Risk	Map shows the LDC boundary; the locations of watercourses; the locations of dry river beds; the locations of springs and the direction of spring flow; the locations of boreholes; and the outlines of various types of Aquifer (Minor/Major Aquifer, Low/Intermediate/High Soil Class)
008	Existing Emergency Plans	Map shows the LDC boundary; the locations of watercourses; Peacetime Emergency Flood Locations; the locations of Marshall Points; and the outlines of Flood Risk Sectors, Flood Watch Areas, Coastal Flood Warning Areas, and Fluvial Flood warning Areas.

Map Reference	Map Title	Description
009	Environmental Considerations	Map shows the LDC boundary; the locations of watercourses; and the outlines of various designations (Special Areas of Conservation, Archaeological Interest Areas, Historic Parks and Gardens, Ancient Monuments, Sites of Nature Conservation Interest, Historic Battlefields, Environmentally Sensitive Areas, Areas of Outstanding Natural Beauty, LDC Ancient Woodlands, Sites of Special Scientific Interest, Local Nature Reserves, National Nature Reserves, and Proposed National Parks)
010	Residual Flood Risk	Map shows the LDC boundary; the locations of watercourses; the outline of areas benefiting from defences; and the flood outlines of Flood Zones 2, 3, and 3b (functional floodplain).
011	Areas Unsuitable For Drainage Infiltration Techniques	Map shows the LDC boundary; the locations of watercourses; the locations of springs and the direction of spring flow; the outlines of poor infiltration soil (clay), contaminated land, landfill sites, and Major Aquifers (Low/Intermediate/High Soil Class)
012	Climate Change Flood Outline	Map shows the LDC boundary; the locations of watercourses; and the climate change flood outline (1 in 1000yr RP + 20%)

Table 14: Maps produced during the Level 2 SFRA

Map Reference	Map Title	Description
LEW01	Lewes Flood Risk Sectors	Map shows the LDC boundary; the locations of watercourses; and outline of Lewes Flood Risk Sectors.
SEAH01	Seahaven Flood Risk Sectors	Map shows the LDC boundary; the locations of watercourses; and outline of Seahaven Flood Risk Sectors.
LFC4 Existing Defences #yr RP_Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum depth of flooding during the flood event with #yr RP, taking into account the existing flood defences.
LFC4 Existing Defences #yr RP_Velocity	Maximum Velocity of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum velocity of flooding during the flood event with #yr RP, taking into account the existing flood defences.

Map Reference	Map Title	Description
LFC4 Existing Defences #yr RP_FD2320	FD2320_Safe Access and Exit Analysis	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled safe access and exit analysis during the flood event with #yr RP, taking into account the existing flood defences.
LFC4 Existing Defences #yr RP_Onset	Rate of Onset	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled rate of onset of flooding during the flood event with #yr RP, taking into account the existing flood defences.
LFC4 Existing Defences #yr RP_Duration	Maximum Duration of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum duration of flooding during the flood event with #yr RP, taking into account the existing flood defences.
LFC4 Raised Defences #yr RP_Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum depth of flooding during the flood event with #yr RP, taking into account raised flood defences.
LFC4 Raised Defences #yr RP_Velocity	Maximum Velocity of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum velocity of flooding during the flood event with #yr RP, taking into account raised flood defences.
LFC4 Raised Defences #yr RP_FD2320	FD2320_Safe Access and Exit Analysis	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled safe access and exit analysis during the flood event with #yr RP, taking into account raised flood defences.
LFC4 Raised Defences #yr RP_Onset	Rate of Onset	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled rate of onset of flooding during the flood event with #yr RP, taking into account raised flood defences.
LFC4 Raised Defences #yr RP_Duration	Maximum Duration of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum duration of flooding during the flood event with #yr RP, taking into account raised flood defences.

Map Reference	Map Title	Description
LFC4 Undefended 100yr RP_Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum depth of flooding during the flood event with #yr RP, assuming no flood defences.
LFC4 Undefended 100yr RP_Velocity	Maximum Velocity of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum velocity of flooding during the flood event with #yr RP, assuming no flood defences.
LFC4 Undefended 100yr RP_FD2320	FD2320_Safe Access and Exit Analysis	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled safe access and exit analysis during the flood event with #yr RP, assuming no flood defences.
LFC4 Undefended 100yr RP_Onset	Rate of Onset	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled rate of onset of flooding during the flood event with #yr RP, assuming no flood defences.
LFC4 Undefended 100yr RP_Duration	Maximum Duration of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled maximum duration of flooding during the flood event with #yr RP, assuming no flood defences.
LFC4 Difference #yr RP_Depth	Depth Difference	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Lewes Flood Cells 4 and 5; and the modelled difference in maximum depth of flooding between existing and raised defences for the flood event with #yr RP.
NFC4_2007 Existing Def_#yrF+#yrT_ Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum depth of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account the existing flood defences.
NFC4_2007 Existing Def_#yrF+#yrT_ Velocity	Maximum Velocity of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum velocity of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account the existing flood defences.

Map Reference	Map Title	Description
NFC4_2007 Existing Def_#yrF+#yrT_ FD2320	FD2320_Safe Access and Exit Analysis	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled safe access and exit analysis during the flood event with #yr fluvial RP and #yr tidal RP, taking into account the existing flood defences.
NFC4_2007 Existing Def_#yrF+#yrT_ Onset	Rate of Onset	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled rate of onset of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account the existing flood defences.
NFC4_2007 Existing Def_#yrF+#yrT_ Duration	Maximum Duration of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum duration of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account the existing flood defences.
NFC4_2007 Raised Def_#yrF+#yrT_ Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum depth of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account raised flood defences.
NFC4_2007 Raised Def_#yrF+#yrT_ Velocity	Maximum Velocity of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum velocity of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account raised flood defences.
NFC4_2007 Raised Def_#yrF+#yrT_ FD2320	FD2320_Safe Access and Exit Analysis	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled safe access and exit analysis during the flood event with #yr fluvial RP and #yr tidal RP, taking into account raised flood defences.
NFC4_2007 Raised Def_#yrF+#yrT_ Onset	Rate of Onset	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled rate of onset of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account raised flood defences.

Map Reference	Map Title	Description
NFC4_2007 Raised Def_#yrF+#yrT_ Duration	Maximum Duration of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum duration of flooding during the flood event with #yr fluvial RP and #yr tidal RP, taking into account raised flood defences.
NFC4_2007 Undef_2yrF+200 yrT_Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum depth of flooding during the flood event with 2yr fluvial RP and 200yr tidal RP, assuming no flood defences.
NFC4_2007 Undef _2yrF+200yrT_ Velocity	Maximum Velocity of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum velocity of flooding during the flood event with 2yr fluvial RP and 200yr tidal RP, assuming no flood defences.
NFC4_2007 Undef _2yrF+200yrT_ FD2320	FD2320_Safe Access and Exit Analysis	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled safe access and exit analysis during the flood event with 2yr fluvial RP and 200yr tidal RP, assuming no flood defences.
NFC4_2007 Undef _2yrF+200yrT_ Onset	Rate of Onset	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled rate of onset of flooding during the flood event with 2yr fluvial RP and 200yr tidal RP, assuming no flood defences.
NFC4_2007 Undef _2yrF+200yrT_ Duration	Maximum Duration of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum duration of flooding during the flood event with 2yr fluvial RP and 200yr tidal RP, assuming no flood defences.
NFC4_2007 Difference_#yrF +#yrT_Depth	Depth Difference	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled difference in maximum depth of flooding between existing and raised defences for the flood event with #yr fluvial RP and #yr tidal RP.
NFC4_2115 Existing Defences_200yr T_Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum depth of flooding during the flood event with 200yr tidal RP in 2115 (allowing for climate change), taking into account the existing flood defences.

Map Reference	Map Title	Description
NFC4_2115 Raised Defences_200yr T_Depth	Maximum Depth of Flooding	Map shows the LDC and Parish boundaries; the locations of watercourses; the outline of Newhaven Flood Compartment 4; and the modelled maximum depth of flooding during the flood event with 200yr tidal RP in 2115 (allowing for climate change), taking into account raised flood defences.

MAPPING DISCLAIMER

This disclaimer applies to all mapping produced as part of the Lewes SFRA and should be read by anyone referring to the SFRA.

- No maps should be used without reference to the accompanying SFRA report. This is due to the variety of information used to produce the maps and the different level of detail available for the various areas covered.
- Whereas every effort has been made to use the best available data, AECOM was not commissioned to verify the accuracy or validity of the information provided by third parties and therefore accepts no responsibility for any shortcomings of this data and the implications this could have on the SFRA.
- AECOM has identified various aspects of the mapping that could be improved for future revisions of the SFRA. Due to time constraints and in agreement with Lewes District Council and the Environment Agency, this work has not been undertaken as part of this SFRA.