

Appendix A - Data Sources

This appendix provides details on the main data sources used as part of this Strategic Flood Risk Assessment (SFRA), including its purpose, licencing details, when the data was obtained for the SFRA, and where any updated data can be obtained by users of the SFRA.

Data used	Purpose of data	Data source	Date received	Where can data be obtained?	Licence details
Hydraulic models and outputs	Assess fluvial and tidal flood risk	Environment Agency	Outstanding	Request from the Environment Agency via their Flood Map for Planning Service	Environment Agency Conditional Licence
Flood Map for Planning Flood Zone 2	Assess fluvial and tidal flood risk	Environment Agency	25/03/2025	Flood Zone 2	Open Government Licence
Flood Map for Planning Flood Zone 3	Assess fluvial and tidal flood risk	Environment Agency	25/03/2025	Flood Zone 3	Open Government Licence
Risk of Flooding from Rivers and Sea	Assess fluvial and tidal flood risk	Environment Agency	06/03/2025	Risk of Flooding from Rivers and Sea	Open Government Licence
OS MasterMap Water Network	Assess fluvial and tidal flood risk	Environment Agency (via Cheshire West and Chester Council)	27/03/2025	Defra Data Services Platform (only available to specified users)	Environment Agency Conditional Licence
National Receptor Dataset	Assess risk to properties	Environment Agency (via Cheshire West and Chester Council)	01/04/2025	Defra Data Services Platform (only available to specified users)	Environment Agency Conditional Licence
Risk of Flooding from Surface Water	Assess surface water flood risk	Environment Agency	25/03/2025	Risk of Flooding from Surface Water	Open Government Licence
Risk of Flooding from Surface Water with Climate Change uplifts	Assess surface water flood risk	Environment Agency	25/03/2025	Risk of Flooding from Surface Water with Climate Change uplifts	Open Government Licence
JBA's Groundwater Emergence Map	Assess groundwater flood risk	JBA	06/03/2025	Request from JBA Consulting (subject to licence fee)	JBA Consulting Licence
Reservoir inundation mapping - Dry Day scenario	Assess reservoir flood risk	Environment Agency	06/03/2025	Reservoir inundation mapping - Dry Day scenario	Open Government Licence
Reservoir inundation mapping - Wet Day scenario	Assess reservoir flood risk	Environment Agency	06/03/2025	Reservoir inundation mapping - Wet Day scenario	Open Government Licence
Reservoir inundation mapping - Fluvial Contribution	Assess reservoir flood risk	Environment Agency	06/03/2025	Reservoir inundation mapping - Fluvial Contribution	Open Government Licence
Historic canal flooding breaches and overtopping information	Assessing flood risk from canals	Canal and River Trust	03/03/2025	Request from the Canal and River Trust	-
Sewer Flooding Recorded Incidents	Understand historic flood risk	United Utilities	Outstanding	Request from United Utilities	-
Sewer Flooding Recorded Incidents	Understand historic flood risk	Welsh Water	03/03/2025	Request from Welsh Water	-
List of known locations of historic flooding incidents	Understand historic flood risk	Cheshire West and Chester	25/04/2025	Request from Cheshire West and Chester	Cheshire West and Chester Data Sharing Agreement
Historic Flood Map	Understand historic flood risk	Environment Agency	27/05/2025	Historic Flood Map	Open Government Licence
Recorded Flood Outlines	Understand historic flood risk	Environment Agency	27/02/2025	Recorded Flood Outlines	Open Government Licence
Historic Flood Warnings	Understand historic flood risk	Environment Agency	05/03/2025	Historic Flood Warnings	Open Government Licence
Reduction in Risk of Flooding from Rivers and Sea due to Defences	Assessing impact of defences	Environment Agency	18/02/2025	Reduction in Risk of Flooding from Rivers and Sea due to Defences	Open Government Licence
Flood defence data from AIMS database	Assessing impact of defences	Environment Agency	06/03/2025	Flood defence data from AIMS database	Open Government Licence
Lead Local Flood Authority Asset Register	Assessing impact of defences	Cheshire West and Chester	06/03/2025	Cheshire West and Chester Asset Register	Cheshire West and Chester Data Sharing Agreement
Environment Agency 1m LiDAR	Understanding the study area	Environment Agency	JBA Mapping Drive	LiDAR Composite Digital Terrain Model (DTM) - 1m	Open Government Licence
WFD catchment boundaries for CIA	Understanding the study area	Environment Agency	JBA Mapping Drive	WFD River Waterbody Catchments Cycle 2	Open Government Licence
Source Protection Zones (merged)	Understanding the study area	Environment Agency	06/03/2025	Source Protection Zones (merged)	Open Government Licence
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Cheshire East	03/03/2025	Request from Cheshire East	-
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Halton	28/03/2025	Request from Halton	-
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Liverpool	23/04/2025	Request from Liverpool	-
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Shropshire	Outstanding	Request from Shropshire	-
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Flintshire	Outstanding	Request from Flintshire	-
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Warrington	27/02/2025	Request from Warrington	-
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Wirral	21/02/2025	Request from Wirral	-
Information on neighbouring authority site allocations	Assessing the cumulative impacts of development	Wrexham	27/02/2025	Request from Wrexham	-
Flood Alert Areas	Flood warning and emergency planning	Environment Agency	19/02/2025	Flood Alert Areas	Open Government Licence
Flood Warning Areas	Flood warning and emergency planning	Environment Agency	19/02/2025	Flood Warning Areas	Open Government Licence