

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 flood risk	Environment Agency	22/05/2035	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 flood risk	Environment Agency	25/09/2025	Flood Zone 2	Open Government Licence
Flood Map for Planning Flood Zone 3	Assess fluvial flood risk	Environment Agency	25/09/2025	Flood Zone 3	Open Government Licence
Risk of Flooding from Rivers and Sea	Assess fluvial flood risk	Environment Agency	25/09/2025	Risk of Flooding from Rivers and Sea	Open Government Licence
OS MasterMap Water Network	Assess fluvial flood risk	Environment Agency (via Derby City Council)	-	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	25/09/2025	Risk of Flooding from Surface Water	Open Government Licence
Risk of Flooding from Surface Water with Climate Change uplift	Assess surface water flood risk	Environment Agency (uplifts run by JBA Consulting)	-	Request from Derby City Council	Open Government Licence
Areas susceptible to groundwater flooding (ASiGWF)	Assess groundwater flood risk	Environment Agency (via Derby City Council)	-	Defra Data Services Platform (only available to specified users)	Environment Agency Conditional Licence
JBA's Groundwater Emergence Map	Assess groundwater flood risk	JBA	15/09/2025	Request from JBA Consulting (subject to licence fee)	JBA Consulting Licence
Groundwater Vulnerability Map	Assess groundwater flood risk	Environment Agency (via Derby City Council)	-	Defra Data Services Platform (only available to specified users)	Environment Agency Conditional Licence
Reservoir inundation mapping - Dry Day scenario	Assess reservoir flood risk	Environment Agency	02/04/2025	Reservoir inundation mapping - Dry Day scenario	Open Government Licence
Reservoir inundation mapping - Wet Day scenario	Assess reservoir flood risk	Environment Agency	02/04/2025	Reservoir inundation mapping - Wet Day scenario	Open Government Licence
Reservoir inundation mapping - Fluvial Contribution	Assess reservoir flood risk	Environment Agency	02/04/2025	Reservoir inundation mapping - Fluvial Contribution	Open Government Licence
Historic canal flooding breaches and overtopping information	Assessing flood risk from canals	Canal and River Trust	-	Request from the Canal and River Trust	-
Historic Flooding Register	Understand historic flood risk	LLFA	-	Request from LLFA	LLFA Data Sharing Agreement
Sewer Flooding Recorded Incidents	Understand historic flood risk	WATER COMPANY	-	Request from WATER COMPANY	-
List of known locations of historic flooding incidents	Understand historic flood risk	EMERGENCY SERVICE	-	Request from EMERGENCY SERVICE	-
Historic Flood Map	Understand historic flood risk	Environment Agency	02/04/2025	Historic Flood Map	Open Government Licence
Recorded Flood Outlines	Understand historic flood risk	Environment Agency	02/04/2025	Recorded Flood Outlines	Open Government Licence
Historic Flood Warnings	Understand historic flood risk	Environment Agency	02/04/2025	Historic Flood Warnings	Open Government Licence
Reduction in Risk of Flooding from Rivers and Sea due to Defences	Assessing impact of defences	Environment Agency	-	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	02/04/2025	Flood defence data from AIMS database	Open Government Licence
Lead Local Flood Authority Asset Register	Assessing impact of defences	LLFA	-	Request from LLFA	LLFA Data Sharing Agreement
Aquifer designation map (bedrock geology)	Understanding the study area	Environment Agency (via Derby City Council)	-	Defra Data Services Platform (only available to specified users)	Environment Agency Conditional Licence
Aquifer designation map (superficial deposits)	Understanding the study area	Environment Agency (via Derby City Council)	-	Defra Data Services Platform (only available to specified users)	Environment Agency Conditional Licence
Environment Agency 1m LiDAR	Understanding the study area	Environment Agency	02/04/2025	LiDAR Composite Digital Terrain Model (DTM) - 1m	Open Government Licence
WFD catchment boundaries for CIA	Understanding the study area	Environment Agency	02/04/2025	WFD River Waterbody Catchments Cycle 2	Open Government Licence
Source Protection Zones (merged)	Understanding the study area	Environment Agency	02/04/2025	Source Protection Zones (merged)	Open Government Licence
Information on site allocations	Assessing the cumulative impacts of development	Neighbouring Authority	-	Request from Erewash District Council	-
Information on site allocations	Assessing the cumulative impacts of development	Neighbouring Authority	13/05/2025	Request from South Derbyshire District Council	-
Information on site allocations	Assessing the cumulative impacts of development	Neighbouring Authority	01/05/2025	Request from Amber Valley Borough Council	-
Flood Alert Areas	Flood warning and emergency planning	Environment Agency	02/04/2025	Flood Alert Areas	Open Government Licence
Flood Warning Areas	Flood warning and emergency planning	Environment Agency	02/04/2025	Flood Warning Areas	Open Government Licence