

**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
BGS Geology Data	Understanding the characteristics of a site	British Geological Survey	15/10/2025	<a href="#">BGS Geology Viewer</a>	Open Government Licence
BGS Soils Data	Understanding the characteristics of a site	British Geological Survey	15/10/2025	<a href="#">UK Soils Observatory Map Viewer</a>	Open Government Licence
Environment Agency 1m LiDAR	Understanding the characteristics of a site	Environment Agency	15/10/2025	<a href="#">LiDAR Composite Digital Terrain Model (DTM) - 1m</a>	Open Government Licence
<b>Hydraulic models and outputs:</b> Upper Coine 2025 1D-2D Flood Modeller TUFLOW Gade and Bulbourne 2019 1D-2D ISIS Tuflow	Assess present day and future fluvial flood risk, including depth, hazard and velocity	Environment Agency	24/11/2025	<a href="#">Request from the Environment Agency via their Flood Map for Planning Service</a>	Environment Agency Conditional Licence
Flood Map for Planning Flood Zone 2	Assess fluvial flood risk (extent only)	Environment Agency	15/10/2025	<a href="#">Flood Zone 2</a>	Open Government Licence
Flood Map for Planning Flood Zone 3	Assess fluvial flood risk (extent only)	Environment Agency	15/10/2025	<a href="#">Flood Zone 3</a>	Open Government Licence
OS MasterMap Water Network	Assess fluvial flood risk	Ordnance Survey	15/10/2025	<a href="#">Defra Data Services Platform (only available to specified users)</a>	Environment Agency Conditional Licence
Risk of Flooding from Surface Water	Assess present day and future surface water risk, including depth, hazard and velocity	Environment Agency	15/10/2025	<a href="#">Risk of Flooding from Surface Water</a>	Open Government Licence
Risk of Flooding from Surface Water with Climate Change	Assess surface water flood risk	Environment Agency	15/10/2025	<a href="#">Risk of Flooding from Surface Water with Climate Change</a>	Open Government Licence
JBA's Groundwater Emergence Map	Assess groundwater flood risk	JBA	15/10/2025	Request from JBA Consulting (subject to licence fee)	JBA Consulting Licence
Reservoir inundation mapping - Dry Day scenario	Assess reservoir flood risk	Environment Agency	15/10/2025	<a href="#">Reservoir inundation mapping - Dry Day scenario</a>	Open Government Licence
Reservoir inundation mapping - Wet Day scenario	Assess reservoir flood risk	Environment Agency	15/10/2025	<a href="#">Reservoir inundation mapping - Wet Day scenario</a>	Open Government Licence
Historic canal flooding breach and overtopping event information	Assessing flood risk from canals	Canal and River Trust	10/01/2026	Request from the Canal and River Trust	Canal and River Trust Data Licence
Sewer Flooding Recorded Incidents	Understand historic flood risk	Thames Water Sewer Flooding Register	10/11/2025	Request from Thames Water	Thames Water Data Sharing Agreement
List of known locations of historic flooding incidents	Understand historic flood risk	Hertfordshire County Council Flood Incident Record	22/12/2025	Request from Hertfordshire County Council	Hertfordshire County Council Data Sharing Agreement
Historic Flood Map	Understand historic flood risk	Environment Agency	15/10/2025	<a href="#">Historic Flood Map</a>	Open Government Licence
Recorded Flood Outlines	Understand historic flood risk	Environment Agency	15/10/2025	<a href="#">Recorded Flood Outlines</a>	Open Government Licence
Historic Flood Warnings	Understand historic flood risk	Environment Agency	15/10/2025	<a href="#">Historic Flood Warnings</a>	Open Government Licence
Flood defence data from AIMS database	Assessing impact of defences and residual risk	Environment Agency	15/10/2025	<a href="#">Flood defence data from AIMS database</a>	Open Government Licence
Historic Landfill Sites	Understanding potential constraints to SuDS at a site	Environment Agency	15/10/2025	<a href="#">Historic Landfill Sites</a>	Environment Agency Conditional Licence
Nitrate Vulnerable Zones	Understanding potential constraints to SuDS at a site	Environment Agency	15/10/2025	<a href="#">Nitrate Vulnerable Zones</a>	Open Government Licence
Source Protection Zones (merged)	Understanding potential constraints to SuDS at a site	Environment Agency	15/10/2025	<a href="#">Source Protection Zones (merged)</a>	Open Government Licence
Flood Alert Areas	Flood warning and emergency planning	Environment Agency	15/10/2025	<a href="#">Flood Alert Areas</a>	Open Government Licence
Flood Warning Areas	Flood warning and emergency planning	Environment Agency	15/10/2025	<a href="#">Flood Warning Areas</a>	Open Government Licence