

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	09/02/2026	Request from the Environment Agency via their Flood Map for Planning Service	Environment Agency Conditional Licence
Flood Map for Planning Flood Zones 2 and 3	Assess fluvial flood risk	Environment Agency	25/02/2026	Flood Map for Planning - Flood Zones	Open Government Licence
Flood Map for Planning - Flood Zones plus Climate Change	Assess fluvial flood risk	Environment Agency	07/09/2026	Flood Map for Planning - Flood Zones plus Climate Change	Open Government Licence
Risk of Flooding from Rivers and Sea	Assess fluvial flood risk	Environment Agency	27/01/2026	Risk of Flooding from Rivers and Sea	Open Government Licence
OS MasterMap Water Network	Assess fluvial flood risk	Environment Agency (via East Hertfordshire District Council)	09/02/2026	Defra Data Services Platform (only available to specified users)	Environment Agency Conditional Licence
Flood Map for Planning – Surface Water Spatial Planning Extents – Present Day	Assess surface water flood risk	Environment Agency	10/07/2026	Flood Map for Planning – Surface Water Spatial Planning Extents – Present Day	Open Government Licence
Flood Map for Planning – Surface Water Spatial Planning Extents – Climate Change	Assess surface water flood risk	Environment Agency	10/07/2026	Flood Map for Planning – Surface Water Spatial Planning Extents – Climate Change	Open Government Licence
JBA's Groundwater Emergence Map	Assess groundwater flood risk	JBA Consulting	13/03/2026	Request from JBA Consulting (subject to licence fee)	JBA Consulting Licence
Reservoir inundation mapping - Dry Day scenario	Assess reservoir flood risk	Environment Agency	27/01/2026	Reservoir inundation mapping - Dry Day scenario	Open Government Licence
Reservoir inundation mapping - Wet Day scenario	Assess reservoir flood risk	Environment Agency	27/01/2026	Reservoir inundation mapping - Wet Day scenario	Open Government Licence
Historic canal flooding breaches and overtopping information	Assessing flood risk from canals	Canal & River Trust	05/02/2026	Request from the Canal & River Trust	-
Historic flooding information	Understand historic flood risk	Hertfordshire County Council	31/03/2026	Request from Hertfordshire County Council	Hertfordshire County Council Data Sharing Agreement
Sewer Flooding Recorded Incidents	Understand historic flood risk	EIR.Requests@thameswater.co.uk	18/03/2026	Request from EIR.Requests@thameswater.co.uk	-
Historic Flood Map	Understand historic flood risk	Environment Agency	27/01/2026	Historic Flood Map	Open Government Licence
Recorded Flood Outlines	Understand historic flood risk	Environment Agency	27/01/2026	Recorded Flood Outlines	Open Government Licence
Flood defence data from AIMS database	Assessing impact of defences	Environment Agency	27/01/2026	Flood defence data from AIMS database	Open Government Licence
Environment Agency 1m LIDAR	Understanding the study area	Environment Agency	27/01/2026	LIDAR Composite Digital Terrain Model (DTM) - 1m	Open Government Licence
WFD catchment boundaries for CIA	Understanding the study area	Environment Agency	27/01/2026	WFD River Waterbody Catchments Cycle 2	Open Government Licence
Source Protection Zones (merged)	Understanding the study area	Environment Agency	27/01/2026	Source Protection Zones (merged)	Open Government Licence
Information on site allocations	Assessing the cumulative impacts of development	Uttlesford District Council	29/01/2026	Request from Uttlesford District Council	-
Information on site allocations	Assessing the cumulative impacts of development	Harlow District Council	19/01/2026	Request from Harlow District Council	-
Information on site allocations	Assessing the cumulative impacts of development	Broxbourne District Council	29/01/2026	Request from Broxbourne District Council	-
Information on site allocations	Assessing the cumulative impacts of development	Welwyn Hatfield District Council	13/01/2026	Request from Welwyn Hatfield District Council	-
Information on site allocations	Assessing the cumulative impacts of development	North Hertfordshire District Council	09/03/2026	Request from North Hertfordshire District Council	-
Flood Alert Areas	Flood warning and emergency planning	Environment Agency	27/01/2026	Flood Alert Areas	Open Government Licence
Flood Warning Areas	Flood warning and emergency planning	Environment Agency	27/01/2026	Flood Warning Areas	Open Government Licence