Datasets considered in the preparation of the Worcestershire LNRS

Related documents:

- Potential Measures Storymap Collection
- Limitations and constraints on preparation of the Worcestershire LNRS

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
OS Field Boundaries	OS Baselayers	Ordnance Survey PSGA	© Crown copyright and database rights 2025 Ordnance Survey AC0000809204	Displayed in Local Habitat Map
OS Land Cover	OS Baselayers	Ordnance Survey PSGA	© Crown copyright and database rights 2025 Ordnance Survey AC0000809204	Displayed in Local Habitat Map
OS MasterMap	OS Baselayers	Ordnance Survey PSGA	© Crown copyright and database rights 2025 Ordnance Survey AC0000809204	Displayed in Local Habitat Map
Aerial photography (visible)	High spatial resolution enables delineation of habitat structural details, e.g. crop rows, hedgerows, canopy morphology. This compliments information provided by the high spectral resolution but lower spatial resolution Sentnel-2 data used in habitat inventory and	Getmapping Plc and Bluesky International Limited 2025	© Getmapping Plc and Bluesky International Limited 2025	Displayed in Local Habitat Map

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	spatial opportunity			
	modelling.			
Aerial photography	As above, however, with	Getmapping Plc and Bluesky	© Getmapping Plc and Bluesky International	Derived
(infrared)	the addition of including	International Limited 2025	Limited 2025	product(s)
	high-resolution infrared			displayed.
	data, which provides			
	information on vegetation			
	health and is useful in			
	identifying different habitat			
	types.			
Sentinel-1 radar	Used in habitat inventory	Sentinel 1 and Sentinel 2 data	Open Government Licence. There are no	Derived
imagery (four scenes,	preparation and in	(external access)	public access constraints to this data. Use of	product(s)
one to cover each	subsequent habitat		this data is subject to the licence identified.	displayed.
seasons)	opportunity modelling.	Synthetic Aperture Radar (SAR)		
	Provides information on	images from the European		
	surface roughness,	Space Agency's (ESA) Sentinel-1		
	which can correspond with	satellites. Sentinel-1 wide		
	vegetation heterogeneity.	swath Ground Range Detected		
	Time-series data of this	(GRD) imagery has been		
	nature provides	included for the same data		
	information about seasonal	capture periods as the Sentinel-		
	growth and for example	2		
	crop management cycles.	multispectral imagery		
Sentinel-2 multispectral	Used in habitat inventory	Sentinel 1 and Sentinel 2 data	Open Government Licence. There are no	Derived
imagery (four scenes,	preparation and in	(external access)	public access constraints to this data. Use of	product(s)
one to cover each	subsequent habitat		this data is subject to the licence identified.	displayed.
season)	opportunity modelling.	Level-2A multispectral imagery		
	Multispectral imagery	from ESA's Sentinel-2		
	provides more information	satellites resampled to 10m		
	about the character of	spatial resolution		
	different habitat types. For			

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within
	example, the spectral			LNRS
	signature of a bare crop			
	field will appear different to			
	the same crop field when it			
	is in early season crop			
	growth and later season			
	crop growth. As a			
	timeseries, this signature			
	helps to distinguish that			
	such character is typical of			
	crop fields but is different			
	for example to the			
	characteristic spectral			
	signature from an acid			
	grassland			
2m Digital Surface	Used in habitat inventory	Ordnance Survey and	Environment Agency © Contains public sector	Derived
Model (DSM) data	preparation and	Environment Agency (select	information licensed under the Open	product(s)
produced by	subsequent habitat	LiDAR datasets)	Government License v3.0	displayed.
photogrammetry	opportunity modelling.			
	Provides information about			
	the landscape character, its			
	geometry, elevation and			
	aspect,			
	which all influence habitat			
	formation			
OS VectorMap District	OS Basemap data, also used	Ordnance Survey	Contains OS data © Crown copyright and	Displayed in
data	in opportunity and		database right 2025	Local Habitat
	evidence-base analysis .			Мар
	Used in combination with			
	OS datasets for road, rail,			

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	surface water and urban areas.			
ONS Administrative Boundaries – Wards (December 2021).	Administrative ONS census areas. Used for assessing tree-canopy cover.	https://geoportal.statistics.gov. uk/ Wards 2021	Office for National Statistics licensed under the Open Government Licence v.3.0 OS data © Crown copyright and database right 2025.	Displayed in StoryMap
British Geological Survey (BGS) 1:50 000- meter scale Superficial Deposits	BGS data used in habitat inventory preparation and subsequently, derived data has been used to inform habitat opportunity modelling.	British Geological Society	This data is delivered under the terms of the Open Government Licence, subject to the following acknowledgement accompanying the reproduced BGS materials: 'Contains British Geological Survey materials © UKRI [2021]'	Derived product(s) displayed.
British Geological Survey(BGS) 1:50 000- meter scale Bedrock Geology	Data was rasterised at 10m x 10m grid resolution to inform habitat modelling.	British Geological Society	This data is delivered under the terms of the Open Government Licence, subject to the following acknowledgement accompanying the reproduced BGS materials: 'Contains British Geological Survey materials © UKRI [2021]'	Derived product(s) displayed.
Worcestershire Landscape Character Assessment	Landscape Description Units (LDUs: tree cover character, land use and historic settlement) and Landscape Character Parcels (LCPs: higher resolution soil data). Provides historical and physical data to inform habitat and opportunity modelling.	Worcestershire County Council	Through the UK Government INSPIRE Directive, the Landscape Character Assessment LDU and LCP data for Worcestershire is available online as a web service (WMS/WFS) for GIS desktop applications https://gis.worcestershire.gov.uk/arcgis/services/INSPIRE_WMS/MapServer/WFSServer	Derived product(s) displayed.

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
HadUK-Grid climate data	Used in habitat inventory preparation and subsequent habitat opportunity modelling. 20-year seasonal and annual climate variables from the Met Office HadUK-Grid gridded land surface climate observation datasets with 1kmX1km resolution, including Air temperature (min, max, mean), Precipitation, Sunshine duration, Relative humidity, Vapour pressure, Ground frost (days), Snow lying (days).	Dataset Collection Record: HadUK-Grid gridded and regional average climate observations for the UK	Freely available for use under the Open Government Licence	Derived product(s) displayed.
Normalised Differential Vegetation Index (NDVI)	Used in habitat inventory preparation and subsequent habitat opportunity modelling. The NDVI is used to distinguish areas of vegetation.	Contains modified Copernicus Sentinel-2 data (2023), processed by Worcestershire County Council.	Refer to Sentinel-2 limitations/constraints	Derived product(s) displayed.
Normalised Differential Wetness Index (NDWI)	Used in habitat inventory preparation and subsequent habitat opportunity modelling. The NDWI distinguishes wetter surface areas from drier surface areas.	Contains modified Copernicus Sentinel-2 data (2023), processed by Worcestershire County Council	Refer to Sentinel-2 limitations/constraints	Derived product(s) displayed

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
Normalised Differential Moisture Index (NDMI)	Used in habitat inventory preparation and subsequent habitat opportunity modelling. This NDMI correlates with the moisture content of vegetation.	Contains modified Copernicus Sentinel-2 data (2023), processed by Worcestershire County Council	Refer to Sentinel-2 limitations/constraints	Derived product(s) displayed.
The Crop Map of England (CROME) Midlands	Initially used in habitat inventory preparation and subsequently incorporated into opportunity mapping. The CROME data provides information specifically helping to identify different crop types and to distinguish arable land, which may vary significantly in appearance across the year, from	Crop Map of England (CROME) - 2016 – Midlands. Downloaded from: https://data.gov.uk/dataset/cro p-map-of-england-crome-2016- midlands	© Rural Payments Agency copyright and/or database right 2023. All rights reserved. Open Government Licence. There are no public access constraints to this data. Use of this data is subject to the licence identified.	Derived product(s) displayed.
Important Invertebrate Areas (IIAs)	permanent habitats. Important Invertebrate Areas (IIAs) are places that are home to nationally or internationally significant invertebrate populations and their habitats. Dataset used for the identification, evaluation and modelling of opportunity areas for priority invertebrates.	Important Invertebrate Areas - Buglife	Licensed by Buglife under Creative Commons Attribution CC-BY4.0, allowing for free use and sharing with attribution	Derived product(s) displayed.

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
Worcestershire Ancient	A local catalogue of long-	Data compiled by John Day and	Non-exhaustive dataset. WWT data shared	Displayed in
Woodland Catalogue	established and ancient	the Worcestershire Wildlife	with the Worcestershire Local Sites	Local Habitat
	woodland as compiled by	Trust c.1980-1989 and curated	Partnership.	Мар
	county recorders.	by the Worcestershire		
	Integrated into the county	Biological Record Centre.		
	habitat inventory to			
	identify Irreplaceable			
	Habitats and opportunity			
	areas for habitat			
	creation/restoration.			
Worcestershire Ancient	A local catalogue of	Worcestershire Biological	Data reproduced with the permission of	Displayed in
Tree Inventory	recorded ancient trees,	Record Centre	Worcestershire Biological Records Centre for	Local Habitat
	integrated into the Local		use for LNRS purposes only. The data is	Map only. Data
	Habitat Maps Irreplaceable		subject to the conditions of their Data	not available
	Habitats dataset.		Release Terms and Conditions Agreement.	under OGL and
			Contact records@wbrc.org.uk for further	must not be
<u> </u>		A	information.	downloaded
Ancient Tree Inventory	Ancient tree inventory of	Ancient Tree Inventory (ATI)	Data reproduced with the permission of The	Displayed in
	the UK and Ireland showing	Woodland Trust Data	Woodland Trust for use for LNRS purposes	Local Habitat
	verified ancient and		only. The data is subject to the conditions of	Map only. Data
	veteran trees.		their non-commercial licence. For any other	not available under OGL and
			uses contact	must not be
			ancienttreeinventory@woodlandtrust.org.uk	downloaded
Ancient Woodland –	The inventory identifies	Ancient Woodland (England) -	There are no public access constraints to this	Displayed in
Revised (England) –	ancient woodland sites in	Overview and Ancient	data. Use of this data is subject to the Open	Local Habitat
Completed Counties	England. Used to identify	Woodland - Revised (England) -	Government Licence.	Мар
•	Irreplaceable Habitats and	Completed Counties - Overview		·
	to underpin opportunity			
	modelling.			

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
National Forest Inventory (England)	The National Forest Inventory (NFI) woodland	National Forest Inventory England 2021 - Overview	There are no public access constraints to this data. Use of this data is subject to the Open	Displayed in Local Habitat
	map covers all forest and		Government Licence.	Мар
	woodland area over 0.5		Any maps produced using this data should	
	hectare with a minimum of		contain the following Forestry	
	20% canopy cover, or the		Commission acknowledgement: "Contains, or	
	potential to achieve it, and		is based on, information supplied by the	
	a minimum width of 20		Forestry Commission. © Crown copyright and	
	metres. This includes new		database right 2025 Ordnance Survey	
	planting, clearfell,		[AC0000814847]".	
	windblow and restock.			
	Used to identify			
	Irreplaceable Habitats and			
	to underpin opportunity			
Level Nation Brown	modelling.		The control of the co	D'ante ante
Local Nature Reserves	Local Nature Reserves	Local Nature Reserves (England)	There are no public access constraints to this	Displayed in
(England)	(LNRs) are a statutory	- Overview	data. Use of this data is subject to the Open Government	Local Habitat
	designation made under Section 21 of the National		Licence - https://www.nationalarchives.gov.u	Мар
	Parks and Access to the		k/doc/open-government-licence/version/3/	
	Countryside Act 1949 by		k/doc/open-government-licence/version/s/	
	principal local authorities.			
Sites of Special Scientific	A Site of Special Scientific	Sites of Special Scientific	There are no public access constraints to this	Displayed in
Interest (England)	Interest (SSSI) is the land	Interest (England) - Overview	data. Use of this data is subject to the Open	Local Habitat
interest (England)	notified as an SSSI under	interest (England) Overview	Government	Map
	the Wildlife and		Licence - https://www.nationalarchives.gov.u	Ινιαρ
	Countryside Act (1981).		k/doc/open-government-licence/version/3/	
RAMSAR sites (England)	A Ramsar site is the land	Ramsar (England) - Overview	There are no public access constraints to this	Displayed in
	listed as a Wetland of	12	data. Use of this data is subject to the Open	Local Habitat
	International Importance		Government	Map
	under the Convention on			'

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	Wetlands of International		Licence - https://www.nationalarchives.gov.u	
	Importance Especially as		k/doc/open-government-licence/version/3/	
	Waterfowl Habitat (the			
	Ramsar Convention) 1973.			
Special Areas of	A Special Area of	Special Areas of Conservation	There are no public access constraints to this	Displayed in
Conservation (England)	Conservation (SAC) is the	(England) - Overview	data. Use of this data is subject to the Open	Local Habitat
	land designated under		Government	Мар
	Directive 92/43/EEC on the		Licence - https://www.nationalarchives.gov.u	
	Conservation of Natural		k/doc/open-government-licence/version/3/	
	Habitats and of Wild Fauna			
	and Flora.			
National Nature	A National Nature Reserve	National Nature Reserves	There are no public access constraints to this	Displayed in
Reserves (England)	(NNR) is the land declared	(England) - Overview	data. Use of this data is subject to the Open	Local Habitat
	under the National Parks		Government	Мар
	and Access to the		Licence - https://www.nationalarchives.gov.u	
	Countryside Act 1949 or		k/doc/open-government-licence/version/3/	
	Wildlife and Countryside			
	Act (1981).			
Special Protection Areas	A Special Protection Area	Special Protection Areas	There are no public access constraints to this	Displayed in
(England)	(SPA) is the land classified	(England) - Overview	data. Use of this data is subject to the Open	Local Habitat
	under Directive 79/409 on		Government	Мар
	the Conservation of Wild		Licence - https://www.nationalarchives.gov.u	
	Birds. SPAs are strictly		k/doc/open-government-licence/version/3/	
	protected sites classified in			
	accordance with Article 4 of			
	the EC Birds Directive,			
	which came into force in			
	April 1979.			
Worcestershire Local	Non-statutory sites of	Worcestershire Local Sites	For further information contact	Displayed in
Wildlife Sites	biodiversity conservation	Partnership. Dataset curated by	Worcestershire Biological Record Centre	Local Habitat
	value designated by the	Worcestershire Biological		Мар

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	Worcestershire Local Sites Partnership. Forming a key component of 'Other Sites of Particular Importance to Biodiversity'.	Record Centre, Worcestershire County Council and Worcestershire Wildlife Trust.		
Worcestershire Local Geological Sites	Non-statutory sites of geological conservation value designated by the Herefordshire and Worcestershire Earth Heritage Trust. Forming a key component of 'Other Sites of Particular Importance to Biodiversity'.	Worcestershire Local Sites Partnership. Dataset curated by Worcestershire Biological Record Centre on behalf of Herefordshire and Worcestershire Earth Heritage Trust.	For further information contact Worcestershire Biological Record Centre	Displayed in Local Habitat Map
Worcestershire Grassland Inventory Sites	Non-statutory sites of biodiversity conservation value designated by the Worcestershire Local Sites Partnership. Forming a key component of 'Other Sites of Particular Importance to Biodiversity'.	Worcestershire Local Sites Partnership. WWT fieldwork undertaken between 1996-200 and dataset subsequently digitised and curated by WBRC on behalf of the Worcestershire Local Sites Partnership.	For further information contact Worcestershire Biological Record Centre	Displayed in Local Habitat Map
Worcestershire Roadside Verge Nature Reserves	Non-statutory sites of biodiversity conservation value designated by the Worcestershire Local Sites Partnership. Forming a key component of 'Other Sites of Particular Importance to Biodiversity'.	Worcestershire Biological Records Centre	For further information contact Worcestershire Biological Record Centre	Displayed in Local Habitat Map

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
Countryside	Countryside Stewardship	Countryside Stewardship	There are no public access constraints to this	Derived
Stewardship Scheme	Scheme 2016 Management	Scheme 2016 Management	data. Use of this data is subject to the Open	product(s)
Options (England)	Options - geographic extent	Options (England) - Overview	Government Licence	displayed.
	and location of all land		- https://www.nationalarchives.gov.uk/doc/o	
	under management within		pen-government-licence/version/3	
	the Countryside			
	Stewardship Agri-			
	Environment Scheme. Used			
	to inform habitat mapping			
	and opportunity modelling.			
Environmental	Environmental Stewardship	Environmental Stewardship	There are no public access constraints to this	Derived
Stewardship Scheme	Scheme (England)	Scheme Agreements (England)	data. Use of this data is subject to the Open	product(s)
Agreements (England)	agreement polygons. Used	Overview	Government Licence	displayed.
	to inform habitat mapping		- https://www.nationalarchives.gov.uk/doc/o	
	and opportunity modelling.		pen-government-licence/version/3	
Historic Parks and	Historic England and	Historic parks and gardens	© Historic England 2025. Contains Ordnance	Derived
Gardens	MHCLG dataset. Used to	Dataset Planning Data	Survey data © Crown copyright and database	product(s)
(Worcestershire)	identify sites of importance		right 2025. The Historic England GIS Data	displayed
	biodiversity and landscape		contained in this material was obtained on	
	capable of contributing		[date]. The most publicly available up to date	
	towards nature's recover,		Historic England GIS Data can be obtained	
	including historic wood		from HistoricEngland.org.uk.	
	pasture and parklands.			
Areas of Outstanding	National Landscapes	Areas of Outstanding Natural	There are no public access constraints to this	Displayed in
Natural Beauty	(formerly AONB's) are	Beauty (England) - Overview	data. Use of this data is subject to the Open	Local Habitat
(England)	designated areas where		Government Licence	Мар
	protection is afforded to		- https://www.nationalarchives.gov.uk/doc/o	
	protect and manage the		pen-government-licence/version/3	
	areas for visitors and local			
	residents. Dataset used to			

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	ensure cross-boundary			
	cohesion with neighbouring			
	National Landscape's			
	Nature Recovery Plans.			
Open Mosaic Habitat	Verified sites of Open	Open Mosaic Habitat (Draft) -	There are no public access constraints to this	Derived
(England)	Mosaic Habitat. Used to	<u>Overview</u>	data. Use of this data is subject to the Open	product(s)
	inform habitat mapping		Government	displayed.
	and priority habitat	Open Government Licence v3.0	Licence - https://www.nationalarchives.gov.u	
	opportunity modelling.	,	k/doc/open-government-licence/version/3/	
Wood Pasture and	Provisional wood-pasture	Wood Pasture and Parkland	There are no public access constraints to this	Displayed in
Parkland (England)	and parkland inventory	(England) - Overview	data. Use of this data is subject to the Open	Local Habitat
	created during the Natural		Government	Мар
	England Wood-pasture and	Open Government Licence v3.0	Licence - https://www.nationalarchives.gov.u	
	Parkland Inventory update.		k/doc/open-government-licence/version/3/	
	Wood pastures and			
	parkland are the products			
	of historic land			
	management systems and			
	designed landscapes, and			
	represent a vegetation			
	structure rather than a			
	particular plant community.			
	Dataset used to inform			
	habitat mapping and			
	priority habitat opportunity			
	modelling. Dataset			
	contributes to inventory of			
	Irreplaceable Habitats and			
	Areas of Particular			
	Importance to Biodiversity.			

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
Priority Habitat Inventory (England)	A spatial dataset that maps priority habitats identified in the UK Biodiversity Action Plan and listed as being of principal importance for the purpose of conserving or enhancing biodiversity, under Section 41 of the Natural Environment and Rural Communities Act (2006). Used both to inform the county habitat inventory, predictive habitat modelling using machineled analysis and in opportunity mapping of measures to create/restore priority habitats.	Priority Habitats Inventory (England) - Overview	There are no public access constraints to this data. Use of this data is subject to the Open Government Licence - https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/.	Derived product(s) displayed.
Statutory Main River Map	Environment Agency Statutory Main River Map. Published: 2023/01/11. Dataset used in habitat mapping and opportunity modelling.	Statutory Main River Map - Overview	Statutory Main River Map dataset is usable under the Open Government Licence version 3	Derived product(s) displayed.
Priority River Habitat - Rivers (England)	Consists of rivers and streams that exhibit a high degree of naturalness. Dataset used in habitat mapping and opportunity modelling.	Priority River Habitat - Rivers (England) - Overview	There are no public access constraints to this data. Use of this data is subject to the Open Government Licence - https://www.nationalarchives.gov.u k/doc/open-government-licence/version/3/	Derived product(s) displayed.

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
Summarised Botanical	The Summarised Botanical	Summarised Botanical Value	There are no public access constraints to this	Derived
Value Map 2022	Value Map 2022 (England)	Map 2022 (England) - Overview	data. Use of this data is subject to the Open	product(s)
(England)	is a map identifying areas		Government	displayed.
	likely to be rich in high		Licence - https://www.nationalarchives.gov.u	
	quality habitat based on		k/doc/open-government-licence/version/3/	
	BSBI vascular plant records.			
	This dataset is used to			
	inform habitat and priority			
	species opportunity			
	modelling.			
SDGSAT-1 light pollution	SDGSAT-1 data is	SDGSAT-1 OPEN SCIENCE	Logos and data attributions must be	Derived
data	particularly valuable for	PROGRAM	displayed in the data source column and	product(s)
	studying light pollution, as		within the LHM	displayed.
	it provides high-resolution	The research findings are a		
	nighttime light images that	component of the SDGSAT-1		
	can be used to map and	Open Science Program, which is		
	analyse the spatial	conducted by the International		
	distribution of artificial	Research Center of Big Data for		
	light. The dataset is used to	Sustainable Development Goals		
	identify sources of light	(CBAS). The data utilized in this		
	pollution in the built	study is sourced from SDGSAT-1		
	environment and their	and provided by CBAS.		
	interaction with areas of			
	importance for nature's	INTERNATIONAL RESEARCH CENTER OF BIG DATA		
	recovery. It's also used to	FOR SUSTAINABLE DEVELOPMENT GOALS 可持续发展大数据国际研究中心		
	identify light sources rich in			
	short-wavelength and blue	Data analysis: We've worked		
	light spectra and intrinsic	collaboratively with Dr Samuel		
	'dark corridors' within the	Morrell and John Shannon at		
	built environment.	the Environment and		
		Sustainability Institute, and		

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
		Astrophysics Group in the Department of Physics and Astronomy, at the University of Exeter on this analysis. SM and JS were funded by Natural Environment Research Council grant no. NE/V000497/1 (PI: Prof. Kevin Gaston.		LINIS
Soilscapes National Soil Map of England – "NATMAPwetness"	Soil data © Cranfield University (NSRI) and for the Controller of HMSO 2024. Soils Data provided by the National Soil Resources Institute under License L0490/01323. Soil information at a 1:250,000 scale. Dataset helps informs habitat mapping and opportunity modelling based on variables including soil texture and drainage.	LandIS - Land Information System - National Soil Map - NATMAP Soilscapes	Mapping derived from soils data © Cranfield University (NSRI) and for the Controller of HMSO [2024]	Derived product(s) displayed.
Flood zones	Dataset includes Flood Zones showing the extent of land at present day risk of flooding from rivers. Dataset used to inform	Flood Map for Planning - Flood Zones - data.gov.uk, Flood Map for Planning (Rivers and Sea) - Flood Zone 2 - data.gov.uk and Flood Map for Planning (Rivers	Open Government Licence	Derived product(s) displayed.

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	habitat mapping and also	and Sea) - Flood Zone 3 -		
	opportunity modelling of	data.gov.uk		
	priority habitat and species			
	opportunities within the			
	floodplains.			
VIIRS DNB - VNP46A4	Visible Infrared Imaging	VIIRS/NPP Lunar BRDF-Adjusted	None.	Derived
light pollution data	Radiometer Suite (VIIRS)	Nighttime Lights Yearly L3		product(s)
	provided by NASA's Black	Global 15 arc second Linear Lat		displayed.
	Marble programme	Lon Grid - LAADS DAAC		
	provides global daily			
	measurements of nocturnal	VNP46A4 VIIRS/NPP Lunar		
	visible and near-infrared	BRDF-Adjusted Nighttime Lights		
	(NIR) light. Dataset informs	data (2023) from NASA LP DAAC		
	light pollution and	& Sentinel-2 NDVI from		
	opportunity modelling.	Copernicus (ESA), processed by		
		Worcestershire County Council.		
Terrasullis - LIDAR tree	County-coverage of tree	LiDAR Tree Canopy Cover in	LiDAR Tree Canopy Cover, 2024 as prepared	Derived
canopy cover	canopy cover based on	England – Terra Sulis Research	by Terra Sulis Research CIC, Friends of the	product(s)
	Environment Agency	CIC	Earth with attribution to Environment	displayed.
	National LiDAR Programme.		Agency.	
	Dataset used to inform tree			
	planting baselines and		Redistribution or display of the raw data is	
	opportunity modelling		restricted.	
GCER Nature Recovery	Habitat and species	Gloucestershire Centre for	None.	Derived
Networks for	opportunity mapping,	Environmental Records		product(s)
Worcestershire	based on aggregated			displayed.
	'open', 'wooded', 'arable'			
	and wetland' habitat			
	typologies. Dataset has			
	been used to inform further			
	rounds of opportunity			

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	modelling incorporating			
	datasets listed here to			
	spatially refine targeting to			
	those sites considered most			
	suitable for intervention			
	delivery and identified as			
	being within the highest			
	level of priority for			
	implementation.			
Spatial prioritisation of	Target catchments	Spatial prioritisation of	Open Government Licence v3.0	Displayed in
catchments suitable for	identified by	catchments suitable for using		StoryMap
using Natural Flood	Worcestershire County	Natural Flood Management –		
Management	Council for deployment of	Environment Agency		
	Natural Flood Management	and Worcestershire County		
	interventions.	Council Natural Flood		
		Management Worcestershire		
		County Council		
Worcestershire's Local	South Worcestershire	Periscope® v10.7.62 and Wyre	TBC	Derived
Green Spaces	Green Spaces including	Forest District Council,		product(s)
	Urban Biodiversity	Wychavon and Malvern Hills		displayed.
	Corridors and adopted	District Councils and Worcester		
	natural green spaces within	City Council.		
	Wyre Forest District Council			
	subject to conservation			
	management by the			
	Countryside Team.			
Principle Protected	Historic spatial biological	Worcestershire Biological	For further information contact	Derived
Species	records of the fauna and	Records Centre	Worcestershire Biological Record Centre	product(s)
	flora in Worcestershire.			displayed in
	Used to inform the			

Dataset Name	Dataset Description	Data Source	Limitations / Constraints on use	Status within LNRS
	targeting of species-			Local Habitat
	themed measures.			Мар
Lost Ponds	Al-driven analysis of	ArchAl	© ArchAl Ltd 2025. Lost Ponds dataset (25-	Used to target
	historic mapping resulting	Lost Landscapes ArchAl	inch 2nd ed.)	mapping of
	in a dataset indicating lost			suggested
	or 'ghost' ponds within the			Potential
	landscape.			Measures
Working with Natural	Data provides the best	Environment Agency	Open Government Licence	Displayed in
Processes Riparian	estimate of locations where			StoryMap
Woodland Potential	tree planting may be		© Environment Agency copyright and/or	
	possible on smaller		database right 2015. All rights reserved.	
	floodplains close to flow			
	pathways, and effective to			
	attenuate flooding.			