

Metadata Elements

Title *	Great Crested Newt Strategic Opportunity Areas (National Dataset)
Alternative Title	District Level Licensing Strategic Opportunity Areas for great crested newts in England
Dataset Language *	eng
Abstract *	<p>This dataset identifies areas where the addition of new ponds would benefit Great Crested Newt populations defined as strategic opportunity areas (SOAs). These England-wide dataset incorporates the SOAs for all regional areas. The attribute "Strategy_Area_Name" defines these areas. The details below describe how the SOAs are scored for each region</p> <p>The core areas contain a pond density of 2+ ponds and are located within a 25m square where great crested newt presence has been predicted. Fringe areas contain a pond density of 1 and are located within a 25m square where great crested newt presence has been predicted or are within a 250m of a Core Area. Typically urban areas greater than 2ha (+400m buffer), roads (7.5m buffer), and rivers (+7.5m) have been excluded unless otherwise stated..</p> <p>All scores are summed, scores ≤ 0 are not displayed. Higher scores are associated with darker colouration and represent a greater presence of suitable habitat features (density refers to the coverage of a habitat type with 250m of any 25m grid square):</p> <p>Cambridgeshire (Urban buffer reduced to 250m) Density of arable land 0-50%+1 Density of coniferous woodland 10-25%+1 Density of deciduous woodland 10-100%+1 Distance from deciduous woodland 0-100m+1 Density of grassland 25-75%+1 Nearest pond 0-125m+1 pH 6.5-7.5+1 Distance from rivers 150-1000m+1</p> <p>Cheshire Soil pH 6.5 – 7.25#1 Nearest Pond <100m+1 River distance 100 – 1000m#1 Density of grassland 10 – 70%#1 Distance to deciduous woodland <100m+1 Density of deciduous woodland 10 - 70%+1 Soil Phosphorus 35 – 45#1 Drainage Clay/Loamy+1 Arable density 50 – 100%#1</p> <p>Cumbria grassland density 10 - 66%+1 distance from woodland < 100m+1 Elevation 50 - 300m+1 Nearest pond < 100m+1 pH 6 – 7#1 distance from arable >125m+1 urban density 50 - 100%-1</p> <p>Derbyshire (Environment Agency Flood Zone 2 have been excluded) Soil pH 6.5 – 7.5#1 Elevation < 200m+1 Grassland density 25 – 75%#1 Distance to woodland < 100m+1</p>
Resource Locator	0
Data Format	geodatabase
Resource Type *	dataset
Unique Resource Identifier	0

Classification of Spatial Data & Services

Topic Category *	biota
INSPIRE Themes	Habitat and biotopes
Spatial Data Service Type	00/01/1900
Coupled Resource	00/01/1900

Keyword

Keyword	Geographic Information
Originating Controlled Vocabulary	Natural England Corporate Vocabulary

Geographic Location

Extent *	England
West Bound Longitude *	134575
East Bound Longitude *	654870
North Bound Longitude *	656750

South Bound Longitude *	12175
Vertical Minimum Extent	0
Vertical Maximum Extent	0
Spatial Reference System *	British National Grid

Temporal Reference

Temporal Extent - Start Date of Data Capture *	0
Temporal Extent - End Date of Data Capture *	0
Date of Creation *	2021-10-20
Date of Last Revision *	2022-05-26
Dataset Reference Date *	2022-05-26
Dataset Reference Type *	publication

Quality & Validity

Lineage *	<p>Data used to generate this derived data set includes the 2015 CEH Land Cover map (woodland, grassland, and arable land classifications), OS MasterMap (pond locations that have been converted by NE into pond densities), Natural England GCN Class License Survey Returns England, Natural England GCN Pond Surveys DLL 17 18 19, OS Open Rivers, OS Open Roads, HS2 Proposed route, Natural England National Parks, Sites of special scientific interest, Special Areas of conservation dataset. Cranfield University Soils Data, EEA European Digital Elevation Model (EU – DEM), OS Open Map Local (Mean High Water), OS Boundary Line District Boundaries. Environment Agency Flood Map - Flood Zone 2.</p> <p>Allocations data from all LPAs covered by the SOAs</p> <p>Great crested newt data was provided by the: Natural England [2019], reproduced with the permission of Natural England, http://www.naturalengland.org.uk/copyright/. © Crown Copyright and database rights [2019].</p> <p>DOI for LCM2015 25m raster data for Great Britain: Rowland, C.S.; Morton, R.D.; Carrasco, L.; McShane, G.; O'Neil, A.W.; Wood, C.M. (2017) Land Cover Map 2015 (25m raster, GB). NERC Environmental Information Data Centre. https://doi.org/10.5285/bb15e200-9349-403c-bda9-b430093807c7</p> <p>DOI for LCM2015 Vector data for Great Britain: Rowland, C.S.; Morton, R.D.; Carrasco, L.; McShane, G.; O'Neil, A.W.; Wood, C.M. (2017) Land Cover Map 2015 (vector, GB). NERC Environmental Information Data Centre. https://doi.org/10.5285/6c6c9203-7333-4d96-88ab-78925e7a4e73</p> <p>Cheshire and Wirral Amphibian and Reptile Group © Crown Copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication (2021)</p> <p>Bristol Regional Environmental Records Centre. © Somerset County Council Crown copyright and database rights 2015 Ordnance Survey licence number 100038382. Great crested newt data was provided by the Bristol Regional Environmental Records Centre (BRERC, www.brerc.org.uk)</p> <p>Somerset Environmental Records Centre (SERC, www.somerc.com)</p> <p>Lancashire County Council. Crown copyright and database rights [2019] Ordnance Survey licence number 100023320'</p> <p>West Yorkshire Ecology Servisel. Crown copyright and database rights [2019] Ordnance Survey licence number WMDC100019574'</p> <p>Freshwater Habitats Trust – PondNet monitoring scheme [2020]</p> <p>Cambridgeshire and Peterborough Environmental Records Centre</p> <p>Derbyshire Amphibian & Reptile Group 2021</p> <p>The Derbyshire Wildlife Trust 2020</p> <p>Cumbria Biodiversity Data Centre 2021</p> <p>Doncaster Local Records Centre</p> <p>North and East Yorkshire Ecological Data Centre [2021]</p> <p>Record Pool c/o Yorkshire ARG [2021]</p> <p>Cambridgeshire and Peterborough Environmental Records Centre (2019)</p> <p>Natural England GCN Evidence Enhancement Project</p> <p>Dorset Environmental Records Centre (DERC, http://www.derc.org.uk)</p> <p>Greater Manchester Local Record Centre (GMLRC, www.gmwildlife.org.uk)</p> <p>Norfolk Biodiversity Information Service</p> <p>West Yorkshire Ecological Services GCN Point data</p> <p>Hartlepool Borough Council and the Environmental Records Centre North East</p> <p>Shropshire Ecological Data Network (SEDN, www.shropshireecology.co.uk)</p>
Spatial Resolution	25x25
Additional Information Source	0
Frequency of Update *	not Planned
Equivalent Scale	0

Conformity

Specification	0
Degree	0
Explanation	0

Constraints Related To Access & Use

Use Constraints *	No Conditions Apply
Limitations on Public Use *	n/a
Licence*	Publically Accessible
Copyright*	NE Terms of Use Licence (Publically Accessible)
	0
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Responsible Organisation

Contact Title *	GCN District Licensing Team
Organisation Name *	Natural England
Postal Address *	Foss House, Kings Pool, 1-2 Peasholme Green, York, YO1 7PX
Tel No:	0
E-Mail: *	data.services@naturalengland.org.uk
Web URL:	https://www.gov.uk/government/organisations/natural-england
Responsible Party Role *	pointOfContact

Metadata on Metadata

Metadata Point of Contact *	GCN District Licensing Team
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Web URL:	https://www.gov.uk/government/organisations/natural-england
Responsible Party Role *	pointOfContact
Metadata Date *	2021-02-09
Metadata Language *	0

Data Management Information

NE Point of Contact	Chris Green
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Data Manager

Nick Thorley