

Title	High Ecological Value Waterways and Water Dependent Ecosystems - GREATER SYDNEY REGION
Alternative title(s)	HEVwater GREATER SYDNEY REGION
Abstract	<p>A collection of Integrated High Ecological Value assets that form the natural hydrological grid across 34 Local Government Areas within the Greater Sydney Region. This data has been prepared by the Science Division of DPIE (former OEH), with input layers and support for the map provided by the NSW Department of Primary Industries-Fisheries and Department of Industry-Crown Lands and Water. Similar mapping has been prepared by OEH for the Land Use and Infrastructure Implementation Plans for the Wilton (Wilton2040, page 22) and Greater Macarthur (interim plan, page 36) Priority Growth Areas. These data packages were specifically developed for input to Local Government Local Strategic Planning Statements to support Council's delivery of Strategy 25.1 of the Greater Sydney Region Plan.</p> <p>The map shows areas where waterways and water dependent ecosystems are defined as high ecological value, based on definitions, guidelines and policies under the Environment Protection and Biodiversity Conservation Act 1999, Biodiversity Conservation Act 2016, Fisheries Management Act 1994 and Water Management Act 2000. Water dependent ecosystems are defined as wetlands, and flora and fauna that rely on water sources (including groundwater). The map represents an overlay of 39 indicators being used by the State Government to define high value water dependent assets. The method used to derive the integrated layer is similar to mapping produced for the draft Cumberland Plain Conservation Plan.</p> <p>The purpose of the map is to identify strategic planning priorities for protecting and improving the health of high value waterways and water dependent ecosystems in the Greater Sydney Region LGAs. Once identified, the priorities can be used as a basis for identifying aquatic biodiversity refugia, stream rehabilitation efforts and setting management targets and/or land use planning controls that would protect or improve the health of waterways and water dependent ecosystems so they provide the essential services and functions expected of a cool blue-green corridor.</p> <p>The datasets were created by initially placing a 1-hectare hexagon grid over the relevant boundary area and attributing the grid with either 'Absent' or 'Present'. This represents an occurrence only of high value water dependent ecosystems layers within the hexagon grid. The 'HEVlyr' field provides a count of the number of layers within the hexagon. A value of zero (0) represents Absent, values of greater and equal to one (1) represents the Presence of high ecological value assets. The values DONOT indicate the significance of the area, i.e., a value of 1 is no less significant to a higher value. Where layers are Present, please contact data steward for details relating to the underpinning datasets.</p>
Resource locator	
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for High Ecological Value Waterways and Water Dependent Ecosystems - GREATER SYDNEY REGION</p> <p>Function: download</p>
NOTE to users	<p>Name: NOTE to users</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>HEV datasets are available for download from each individual LGA entry. Please expand "Dataset Relationship" to display all related datasets.</p> <p>Function: download</p>
Unique resource identifier	
Code	291f89a4-6d57-4f83-a5e6-3fcb0697e4ad

Presentation form	Map digital
Edition	1
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/291f89a4-6d57-4f83-a5e6-3fcb0697e4ad
Purpose	Local Government Local Strategic Planning Statements
Status	Completed
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	100 m
Topic category	
Keyword set	
keyword value	<p>WATER</p> <p>WATER-Wetlands</p> <p>WATER-Hydrology</p> <p>WATER-Groundwater</p> <p>MARINE-Coasts</p> <p>MARINE-Estuaries</p> <p>ECOLOGY-Ecosystem</p>
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.01468
East bounding longitude	151.3439
North bounding latitude	-34.33742

South bounding latitude	-32.99607
NSW Place Name	Greater Sydney Region
Vertical extent information	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
Temporal extent	
Begin position	2019-07-26
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	As needed
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

Lineage

Original lineage source data has been utilised in the preparation of the HEVwater Integrated layers for each of the LGAs within the Greater Sydney Region.

Refer to: <https://iar.environment.nsw.gov.au/dataset/hevwater-bayside/resource/c9453d32-1d8f-47ae-afe5-879f098ad180> <https://iar.environment.nsw.gov.au/dataset/hevwater-blacktown/resource/7c46a1da-5651-428a-ba84-7255d8e5c7b4> <https://iar.environment.nsw.gov.au/dataset/hevwater-blue-mountains/resource/e8485e41-f043-4be8-95a1-3a1220aeb10c> <https://iar.environment.nsw.gov.au/dataset/hevwater-burwood/resource/f27827ba-179a-48c1-a1b6-41d3b7e335bf> <https://iar.environment.nsw.gov.au/dataset/hevwater-camden/resource/ffd05508-44e1-4f64-8301-7198861b196e> <https://iar.environment.nsw.gov.au/dataset/hevwater-campbelltown/resource/62a233dd-1600-46c0-bb80-a78d0b5d7a7b> <https://iar.environment.nsw.gov.au/dataset/hevwater-canada-bay/resource/2c69dc21-02d8-479e-91a1-97ce4704ae12> <https://iar.environment.nsw.gov.au/dataset/hevwater-canterbury-bankstown/resource/858346cc-4d6d-4748-9523-41a5413d373d> <https://iar.environment.nsw.gov.au/dataset/hevwater-cumberland/resource/de8ac463-9c0d-4c3f-af06-f27bbc081e00> <https://iar.environment.nsw.gov.au/dataset/hevwater-fairfield/resource/59aa4b3d-6891-402a-83aa-06f2e532808c> <https://iar.environment.nsw.gov.au/dataset/hevwater-georges-river/resource/e635d3dd-49a9-4ff9-90c6-68dd54c0e1a6> <https://iar.environment.nsw.gov.au/dataset/hevwater-hawkesbury/resource/4b7d737d-c0ce-4d8f-b4bb-b4cac9774b0c> <https://iar.environment.nsw.gov.au/dataset/hevwater-the-hills-shire/resource/2c5bed99-ee1f-4a90-ad9d-d71117695fcf> <https://iar.environment.nsw.gov.au/dataset/hevwater-hornsby/resource/c6d8ddbc-5438-47da-98f5-f626c5b9a196> <https://iar.environment.nsw.gov.au/dataset/hevwater-hunters-hill/resource/ada6e92a-5fb3-4c85-b3e5-9208a55f2d54> <https://iar.environment.nsw.gov.au/dataset/hevwater-inner-west/resource/4a38ed43-a4cd-4fec-a029-4a9585c74702> <https://iar.environment.nsw.gov.au/dataset/hevwater-ku-ring-gai/resource/942433bc-efb9-440a-8062-3e4ab9e4439f> <https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b> <https://iar.environment.nsw.gov.au/dataset/hevwater-liverpool/resource/4a1f82e0-e23e-4d44-81b1-a0771f35550a> <https://iar.environment.nsw.gov.au/dataset/hevwater-mosman/resource/b9276ae5-e541-4228-845e-4c2db4447b8c> <https://iar.environment.nsw.gov.au/dataset/hevwater-north-sydney/resource/0e878a2f-6235-4fc3-9e08-89122c0d0beb> <https://iar.environment.nsw.gov.au/dataset/hevwater-city-of-parramatta/resource/d83fcd98-480e-4e1f-b731-4dd68a3b028b> <https://iar.environment.nsw.gov.au/dataset/hevwater-penrith/resource/89096219-5ae9-4689-8677-b04e0d93c72c> <https://iar.environment.nsw.gov.au/dataset/hevwater-randwick/resource/053a72dc-3892-4edb-943d-b00f6738026f> <https://iar.environment.nsw.gov.au/dataset/hevwater-ryde/resource/076ac608-fc2a-4c69-afa5-c79d2c50617c> <https://iar.environment.nsw.gov.au/dataset/hevwater-strathfield/resource/e1d05086-c409-4904-a1a5-1717d49069d1> <https://iar.environment.nsw.gov.au/dataset/hevwater-sutherland-shire/resource/229f6e90-bffe-4099-b229-0d0ab0eaad68> <https://iar.environment.nsw.gov.au/dataset/hevwater-sydney/resource/abb0742d-e740-4d87-87ae-7d6a525a01a4> <https://iar.environment.nsw.gov.au/dataset/hevwater-waverley/resource/8846b247-848e-41af-905a-d258b2f76cb4> <https://iar.environment.nsw.gov.au/dataset/hevwater-willoughby/resource/4ae92a1e-b3d5-4ce8-8e8a-33f7eb0e40f7> <https://iar.environment.nsw.gov.au/dataset/hevwater-woollahra/resource/4b0c242b-f351-4d28-854b-c2d2b0de4e23> <https://iar.environment.nsw.gov.au/dataset/hevwater-wollondilly/resource/ec580951-fd33-48cc-9298-8cb9ea3d2daf>

Limitations on public access

Scope	dataset
DQ Completeness Commission	
Effective date	2019-07-26
Explanation	Dataset from Bionet is based on set date range. Data may contain duplicated sightings for same species within a single location.
DQ Completeness Omission	
Effective date	2019-07-26
Explanation	Dataset for Vegetation may contain absent species. No consistent and single vegetation layer is currently available. Vegetation is derived from multiple sources and dates.
DQ Topological Consistency	
Effective date	2019-07-26
Explanation	Topological characteristics of the dataset is consistent with the source data used to derive the HEVwater products. Geodatabases have been used to ensure some accuracy is maintained throughout the process.
DQ Absolute External Positional Accuracy	
Effective date	2019-10-03
Explanation	Limited ground truthing of individual attributes have taken place in the South Creek/Wianamatta catchment via direct field assessments in 261 sites and this has found that the overall map of 'High Ecological Value Waterways and Water Dependent Ecosystems' has an accuracy of >80%. However, it is recommended that ground truthing of the map for your local LGA be undertaken prior to any decisions being made.
Responsible party	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact
Metadata point of contact	
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Responsible party role	pointOfContact
Metadata date	2024-02-26T13:09:21.917042
Metadata language	