

NSW Foundation Spatial Data Framework:

Water Theme

Dataset/product title: NSW Fuzzy Extent Water Area



Image depicts sample of the NSW Fuzzy Extent Water Area © DFSI Spatial Services 2018

Dataset/product description	<p>NSW Fuzzy Extent Water Area is polygon feature class representing the approximate extents of formally named water features that have relatively indistinct name extent. Fuzzy extent water areas are divided into Bay like, River like and Sea like sub types.</p> <p>Bay like class is defined as bay-like features, which includes Bays, Bights, Coves, Entrances, Gulfs, Harbours, Inlets, Ports and River Mouths.</p> <p>River like is defined as a named river-like feature of indefinite name extent which includes Anabranche, Arm, Bend, Canal, Channel, Cowal, Passage, Reach, River Bend, River Feature, and Strait that have not been represented by another hydrographic feature class.</p> <p>A sea like water body includes sea and ocean.</p>
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<p>Dataset uses</p>	<p>Water security is one of Australia’s major challenges.</p> <p>Key users of the hydrology data are NSW State and Local Government agencies as well as Federal Government agencies. These bodies use this data to better manage State and Local Government assets. This hydrology data provides the NSW component of the Australian Hydrological Geospatial Fabric which is a critical input to the Australian Water Resources Information System.</p> <p>More widespread use of the hydrology data is also found in emergency management response and recovery efforts, hazard mitigation or disaster risk reduction, climate change, natural resource assessment, environmental planning and monitoring, insurance, mining and agriculture.</p>
<p>Current status</p>	<p>Spatial Services continuously updates this theme with information sourced from relevant stakeholders and custodians; by data verification from other internal and external databases; research and through Spatial Services’ regular cycle of updating from aerial imagery and elevation data.</p>
<p>Standards and specifications</p>	<p>Metadata for the relevant Spatial Services datasets are required to comply with AS/NZS ISO 19115 ANZLIC Metadata Profile v1.1, ISO 19115-2 and ISO 19139. AS/NZS ISO 4819:2011</p>
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Metadata	NSW Fuzzy Extent Water Area
Updates	Continuous as described above.
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