

<b>Title</b>	NSW inundation count dataset: all dates
<b>Abstract</b>	<p>This raster dataset covers all of NSW and is a raw count of inundated pixel observations from all available Landsat acquisitions from mid 1984 to mid 2016. The dataset was produced by applying a water index to each Landsat scene using the technique developed by Fisher and Danaher (2016). Water indexed images were classified into inundated and not inundated classes using a threshold value of -10. Masking of cloud, cloud shadow and other erroneous pixels resulting from sensor anomalies was undertaken using the F-mask technique (Zhu and Woodcock 2012) and these pixels were allocated a 'no data' value . The classified images (with pixels allocated to 'inundated' or 'not inundated' or 'no data' classes) were then stacked and the number of inundated observations were counted for each pixel in available Landsat scenes. Known commission errors include areas of terrain shadow, building shadow especially in urban areas, and tall dense forest such as some pine plantations. Known omission errors include areas of greater vegetation cover. Potential users should note that inundated observations are only recorded for cloud free observation times and locations, thus inundation events on cloudy days may not have been detected.</p>
<b>Resource locator</b>	
<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for NSW inundation count dataset: all dates</p> <p>Function: download</p>
<a href="#">NSW Wetland Inventory: Pilot study mapping and classification method statement</a>	<p>Name: NSW Wetland Inventory: Pilot study mapping and classification method statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>This document outlines mapping methods trialled and developed for the NSW Wetland Inventory Pilot project in the Lachlan River Catchment.</p> <p>Function: download</p>
<a href="#">NSW Inundation Count - All Dates</a>	<p>Name: NSW Inundation Count - All Dates</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download Raster data package</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
Code	eee463b9-fe82-4251-9149-05c63ec32841
<b>Presentation form</b>	Image digital
<b>Edition</b>	1.0
<b>Dataset language</b>	English
<b>Metadata standard</b>	
Name	ISO 19115
Edition	2016

Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/eee463b9-fe82-4251-9149-05c63ec32841">https://datasets.seed.nsw.gov.au/dataset/eee463b9-fe82-4251-9149-05c63ec32841</a>
Purpose	spatial modelling - inundation, surface water, wetlands, biodiversity
Status	Under development
Spatial representation type	grid
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	10 m
Topic category	

<b>Keyword set</b>	
keyword value	inundation surface water wetlands
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	140.273438
East bounding longitude	153.984375
North bounding latitude	-37.662947
South bounding latitude	-28.087486
<b>Vertical extent information</b>	
Minimum value	-100
Maximum value	2228
<b>Coordinate reference system</b>	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
<b>Temporal extent</b>	
Begin position	1984-06-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Not planned
<b>Contact info</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Lineage</b>	Refer to metadata statement and report for methods and lineage.

Limitations on public access	
<b>Responsible party</b>	
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Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Metadata point of contact</b>	
Contact position	Data Broker
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Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Metadata date</b>	2024-02-26T15:29:20.112507
<b>Metadata language</b>	