

# NSW Landscapes (Mitchell 2002)

Release notes

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# 1 Background

The Mitchell Landscapes were mapped in 2002 using a combination of landsystems in the west of NSW and geology and a Digital Elevation Model (DEM) in the east of NSW. These data are used for a variety of purposes including the determination of overcleared landscapes (OCL) and the calculation of Biobanking credits.

Biometric overcleared landscapes data are defined as a data set under the [environmental outcomes assessment methodology](#) under the NSW *Native Vegetation Act, 2003*. The primary source for this data the [Bionet Vegetation Classification application](#) as [OCL data](#).

## 2 Versions (historic and current)

### 2.1 Version 2 (historic)

NSW Landscapes maps were originally constructed in 2002 from existing data and have a strong geologic, geomorphic and pedologic base. They do not include field validation/original mapping. Scale and reliability was constrained to 1:250,000 scale by the availability of suitable state-wide maps, although some source data (airphotos/maps) were more detailed.

Reference: P.B.Mitchell 2002, NSW Ecosystems Study: Background and Methodology (Unpublished).

The data and report are available via the link:

<http://data.environment.nsw.gov.au/dataset/landscapes-mitchell-of-nsw-version-298790>

### 2.2 Version 3 (historic)

Version 3 includes a revision of the polygon boundaries conducted in 2008. Revision corrected many alignment errors using SPOT 5 imagery as a reference layer. The revisions for Version 3 have resulted in significant alterations to Landscape boundaries in some regions. See associated technical report:

Reference: ELA 2008, *Editing Mitchell Landscapes*.

The data and report are available via the link:

<http://data.environment.nsw.gov.au/dataset/mitchell-landscapes-version-3e8403>

### 2.3 Version 3.1 (current)

The purpose of this release is to

- i Copy the OCL data from the master source into the landscapes spatial layer to facilitate its usability in planning and assessment programs.
- ii Correct minor errors in the landscape name within the landscape layer (see Table 1). The master OCL data remain in Bionet.
- iii Align with the [NSW Landscapes Web Service Data Standard](#).

Lscape_Nam	Correction
Baradine - Coghill Channels and Floodplains	Baradine (not Barradine)
Baradine Alluvial Plains	Baradine (not Barradine)
Bherwerre Barrier	Bherwerre (not Bherwerre)
Bodangora Granite	Granite (not Granites)
Buckingbong Gravels	Buckingbong (not Buckingong)
Canbelego - Boppy Hills	Canbelego (not Canbellego)
Carcoar Intrusives	Carcoar (not Carcour)
Castlereagh Swamps, Lagoons and Dunes	Lagoons and Dunes (to be added to Castlereagh Swamps)
Corona - Teamsters Limestone	Corona - Teamsters (not Corona Teamsters)
Cowal Lakes, Swamps and Lunettes	Swamps and Lunettes (added to Cowal Lakes)
Lachlan Lakes, Swamps and Lunettes	Swamps and Lunettes (added to Lachlan Lakes)
Manning - Macleay Coastal Alluvial Plains	Plains (not Plain)
Manning Great Escarpment Southern Aspects	Aspects (not Aspect)
Meryula Alluvial Plains	Meryula (not Merulya)
Mt Dromedary - Mumbulla Mountain	Mumbulla (not Mumbula)
Murray Lakes, Swamps and Lunettes	Swamps and Lunettes (added)
Murrumbidgee - Tarcutta Lakes, Swamps and Lunettes	Swamps and Lunettes (added)
Murrumbidgee - Tarcutta Source-bordering Dunes	Dunes (added)
Murrumbidgee Lakes, Swamps and Lunettes	Swamps and Lunettes (added)
Myall - Forster Barrier	System (removed)
Nangar Ranges	Slopes and (removed)
Nangerybone Hills	Nangerybone (not Nangarybone)
Shoalhaven Channels and Floodplains	Floodplains (not Floodplain)
Talbragar - Upper Macquarie Terrace Sands and Gravels	Sands (not Sand); and Gravels (added)
Teridgerie Alluvial Plains	Teridgerie (not Teriderie)
Teridgerie Channels and Floodplains	Teridgerie (not Teriderie)
Urisino Alluvial Plains	Urisino (not Ursino)
Urisino Linear Dunes	Urisino (not Ursino)
Urisino Sandplains	Urisino (not Ursino)
Urisino Tablelands and Downs	Urisino (not Ursino)
Wandandian Coastal Plains	Wandandian (not Wandanadian)
Wandandian Granite	Wandandian (not Wandanadian)

**Table 1: Landscape name edits**

The table 2 below is a summary of the schema for this current version. The Table includes new data fields and an indication of alignment with the BioNet NSW Landscapes Web Service Data Standard.

Name	Description	New Fields (Y/N)	Data Standard (Y/N)
OBJECTID	System-generated unique identification number for each polygon.	N	N
Shape	System-generated geometry description. Types include Polygon, Polyline, Point.	N	N
ECOS_MESO	Geographical grouping of a series of Landscapes (Mitchell 2002). For the description of each landscape type see section 'Additional Metadata'.	N	N
LS_CODE	Unique three character code for each of the 570 Landscapes (excluding water).	N	N
CONFIDENCE	A single letter code referring to the mapping reliability of landscape boundaries. For definitions of the codes see section 'Additional Metadata'.	N	N
BOUNDTYPE	A four letter code referring to the spatial pattern of landscapes. For definitions of the codes see section 'Additional Metadata'.	N	N
VERSION_NUMBER	version number of data	N	N
VERSION_DATE	version date	N	N
HECTARES	Area of polygon (hectares)	Y	N
METHOD	Method of landscape clearing estimate Current options are: Qualitative – Expert Opinion; Quantitative – GIS derived; Quantitative modified by Expert Opinion.	Y	N
OCL_STATUS	Indication of Landscape of OCL status (overcleared is greater than 70% cleared).	Y	N
Shape_Area	System-generated area (hectares or geographic)	N	N
Shape_Length	System-generated length of polygon perimeter (metres or geographic).	N	N
collectionCode	The name, acronym, coden, or initialism identifying the collection or dataset from which the record was derived.	Y	Y
datasetName	The name identifying the dataset from which the record was derived.	Y	Y
dcterms_bibliographicCitation	A bibliographic reference for the resource, as a statement indicating how this record should be cited (attributed) when used.	Y	Y
dcterms_language	The language of the resource, based on RFC 4646 [RFC4646].	Y	Y
dcterms_modified	The most recent date when the resource was changed, based on ISO 8601:2004(E). The date modified relates to any change made in the source system (VIS: Classification).	Y	Y

Name	Description	New Fields (Y/N)	Data Standard (Y/N)
dcterms_rights	Information about rights held in and over the resource. Typically, rights information includes a statement about various property rights associated with the resource, including intellectual property rights.	Y	Y
dcterms_rightsHolder	The person or organization owning or managing the rights over the resource.	Y	Y
institutionCode	The name (or acronym) in use by the institution having custody of the object(s) or information referred to in the record.	Y	Y
landscapeID	The unique identifier within the source VIS Classification database for the Mitchell landscape.	Y	Y
landscapeName	The name of the Mitchell landscape	N	Y
totalAreaOfNSW Landscape	The total area of land occupied by the landscape, based on version 2 of the line work, expressed in hectares (ha).	N	Y
percentClearedEstimateOfLandscape	An estimate of the cover of native vegetation within the landscape, expressed as a percentage of the total area of the landscape and based on the best available information, including mapping, modelling and/or expert advice. The percentage cleared is given as a decimal, 0.82 = 82%.	Y	Y
statusOfLandscape ClearingEstimate	The approval status of the percentage cleared estimate, as determined by the Plant Community Type Change Control Panel approval process.	Y	Y

**Table 2: Field Descriptions**

The data and report are available via the link:

<http://data.environment.nsw.gov.au/dataset/nsw-mitchell-landscapes-version-3-1>



## 3 Data Feedback

Please direct all feedback to:

OEH SD Bionet Mailbox [bionet@environment.nsw.gov.au](mailto:bionet@environment.nsw.gov.au)