

Metadata specifications

Category	Element	Comment
Dataset	Title	Land Use Classification of North Central CMA
	Custodian	Department of Primary Industries (DPI)
	Jurisdiction	Victoria
Description	Abstract	This land use map has been prepared under contract for North Central Catchment Management Authority (NC-CMA). The classification scheme followed here was the Australia Land Use Mapping (ALUM) classification version 5 (BRS, 2001). ALUM version 5 was developed by BRS as a modification of Baxter – Russell Classification, in coordination with State agencies.
		This product is based on information from a number of sources: Corporate Geospatial Data Library (CGDL), DPI regional data sets, satellite imagery, the planning maps from Infrastructure Department, aerial photography, CFA Mapbooks, and the newly acquired field survey information.
	Search Word(s)	Land use, North Central Catchment, land management
	Geographic Extent Name(s)	North Central Catchment Management Authority incorporating Loddon, Avoca and Campaspe catchments.
	OR	
	Geographic Extent Polygon(s)	Minimum latitude: 35.191S Maximum latitude: 37.505 S Minimum longitude: 142.643 E Maximum longitude: 144.869 E
Data Currency	Beginning date	1996
	Ending date	2002
Dataset Status	Progress	Complete
	Maintenance and Update Frequency	Not known
Access	Stored Data Format	Arc/Info coverage
	Available Format	Arc/Info coverage
	Type	
Data Quality	Access Constraint	Access will be provided by DPI, NC-CMA
	Lineage	Created from (1) CGDL layers (DPI corporate geospatial data library) <i>Topographic and cadastral data layers</i> <ul style="list-style-type: none"> • Digital cadastre 1:25,000 - Vicmap Property • Transport – roads and rail 1:25,000 - Vicmap Road • Hydrologic features; line & point 1:25,000 - hydro25 <i>Agency estate mapping layers</i> <ul style="list-style-type: none"> • Forest plantations - public softwoods and private plantations 1:100,000 - plantn100 • Utilities – gas & oil & SEC pipelines; line & point 1:25,000 – Util25 <i>State-wide/Regional land data and mapping layers</i> <ul style="list-style-type: none"> • Public Land Management - current legal status of land 1:100,000 – plmmt100 • Tree Cover - 1:25,000 - tree25 • Crown Land Agricultural Leasing layer - 1:25,000 - aglic • Mining Leases - min100 (2) Satellite imagery – Landsat 7 ETM sub-scenes dated December 1999 – March 2000 (NW Mosaic), 6 th April 2001, 3 rd May 2002, and 7 th June 2002 (3) Planning maps, Pdata, from Infrastructure Department, Victoria, (4) Part of existing land use map from SW CMA (5) Fieldwork carried out from May 2002 to October 2002. (6) Aerial Photography taken from March to June 1999 (7) CFA Mapbook Region 2 (1996) and Region 20 (2000) (8) DOI Zoning Layer (2001)
	Positional Accuracy	25 – 100 m
	Attribute Accuracy	Attributes were checked with the original input data.

Logical Consistency	<ul style="list-style-type: none"> • Data collation Integration of existing datasets containing information relating to land use including remotely sensed Landsat Thematic Mapper data, aerial photography, DSE/DPI Corporate datasets including cadastre, public land, infrastructure and planning data. This data was compiled in Arc/Info format, as per the technical specifications in the BRS land use mapping handbook. • Interpretation (draft maps for field verification) This stage involved interpreting land use, creating a land use mask data set from source datasets, assigning appropriate land use codes and preparing draft land use maps for verification and field checking. • Verification Field verification of draft land use maps included the annotation of field maps on the basis of expert advice and field checking. The primary focus of this activity was to capture agricultural landuse and incorporated extensive windscreen surveys, utilizing GPS mapping technology, and local knowledge of DPI/DSE and G-MW staff. • Final Editing Final editing was carried out using ArcGIS software and incorporating field survey datasets, remote sensing and aerial photographic interpretation, ancillary datasets prepared in step 1 and CFA mapbooks. 																								
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File Transfer Details	<table border="0"> <tr> <td style="vertical-align: top;">Files name(s) and size(s)</td> <td>119 MB</td> </tr> <tr> <td style="vertical-align: top;">Number of Records</td> <td>72,009</td> </tr> <tr> <td style="vertical-align: top;">File Format</td> <td>Arc/Info</td> </tr> <tr> <td style="vertical-align: top;">Field Name Definitions</td> <td>Main item: Internal_I, Source Look-up Tables: working_lucode_v5, source_lut</td> </tr> <tr> <td style="vertical-align: top;">Fields Names</td> <td>Fields names in each file</td> </tr> <tr> <td style="vertical-align: top;">Update</td> <td>Full or partial</td> </tr> <tr> <td style="vertical-align: top;">Date of Creation</td> <td>18th July 2003</td> </tr> </table> <p>Reliability definitions (source.lut): 1 = field mapping/local knowledge 2 = ancillary dataset 3 = air photo 4 = SPOT imagery and Landsat ETM/TM 5 = other</p>	Files name(s) and size(s)	119 MB	Number of Records	72,009	File Format	Arc/Info	Field Name Definitions	Main item: Internal_I, Source Look-up Tables: working_lucode_v5, source_lut	Fields Names	Fields names in each file	Update	Full or partial	Date of Creation	18 th July 2003										
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