

Title	Monitoring, Evaluation and Reporting Soil Condition (Salinity) Report Card Score Calculations (18 February 2009)
Abstract	<p>This dataset contains the workings for deriving salinity condition scores that were generated for the Soil Condition theme of the NSW Monitoring, Evaluation & Reporting (MER) program.</p> <p>The dataset was generated from 'known saline site' mapping and API activities carried out by DLWC and DIPNR regions between 2000 and 2005. Scores are based on location, size and intensity of salinised areas.</p> <p>ArcGIS was used to intersect the salinity mapping datasets with the 124 soil monitoring units (SMUs) used for the other Soil Condition theme indicators. The area of each intensity class within each SMU was determined. In cases where it was known that there were errors in the salinity mapping, area values were adjusted accordingly. Intensity as a percentage of total SMU area was then determined.</p> <p>Salt load and electrical conductivity (EC) impacts on water-ways was evaluated by staff working in the salinity field (expert opinion).</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>DQS - MER Soil Condition (Salinity) Report Card Score Calculations (18 February 2009)</p> <p>Function: download</p>
MER Soil Condition (Salinity) Report Card Score Calculations (18 February 2009)	<p>Name: MER Soil Condition (Salinity) Report Card Score Calculations (18 February 2009)</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Spreadsheet used to derive salinity condition scores that were generated for the Soil Condition theme of the NSW Monitoring, Evaluation & Reporting (MER) program.</p> <p>Function: download</p>
Unique resource identifier	
Code	9764e57a-23a4-4a2c-8183-f4bfc14e0391
Presentation form	Table digital
Edition	First
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/9764e57a-23a4-4a2c-8183-f4bfc14e0391
Purpose	The five class salinity condition score is derived from three attributes used to describe salinity impact. Intensity class: based on visual assessment of saline outbreaks (Milford & Simon 2002). Each class is assigned a score from 5 (no vegetation loss or erosion) to 1 (severe vegetation loss and/or erosion). Area class: based on the percentage of the SMU affected by each intensity class. These classes are assigned a score from 5 (negligible land area affected) to 1 (extensive land area

affected). Load/EC class: based on expert opinion as to the whether the outbreaks have a low, moderate or high impact on salinity load and EC levels in water ways. Again a score from 5 (low impact on streams) to 1 (severe impact on streams) is used. The final salinity condition score is determined by averaging these three attribute scores for each SMU. While it is possible to apply a weighting to each attribute, at this stage it appears an equal weighting for each attribute score gives realistic results. The overall salinity condition score ranges from 5 (minimal salinity impact on land and water) through to 1 (severe salinity impact on land and water). The dataset does not represent all the information available on salinity extent or impact. The scale being used is very broad and at best gives a catchment scale picture in at a point in time. SMUs do not cover entire CMA areas. Salinity data has only been considered for the SMU as defined. There are salt affected areas outside the current SMUs. Users of this dataset should be aware that the salinity outbreak datasets used for this evaluation are of differing ages and of varying quality.

Status	Completed
Spatial representation type	textTable
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Source datasets: Dryland Salinity Mapping - Central West Region Stage One (ANZNS0359000888); Dryland Salinity Outbreak Mapping (Salt_2000); Dryland Salinity Outbreak Mapping - Eastern & Central New South Wales (2005)
Topic category	

Keyword set	
keyword value	SOIL HAZARDS LAND-Use
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	140.7
East bounding longitude	153.8
North bounding latitude	-37.7
South bounding latitude	-27.9
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	2000-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Not planned
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	This dataset uses existing dryland salinity outbreak mapping data for a series of coastal and inland catchments. It was prepared by the former NSW Department of Land and Water Conservation and its successors prior to incorporation into the NSW Department of Environment, Climate Change and Water . This data was based on aerial photograph analysis and past salinity mapping activities. It was supplemented by field checking and local knowledge.	
Limitations on public access		
Scope	dataset	
DQ Completeness Commission		
Effective date	2001-01-01	
DQ Completeness Omission		
Effective date	2001-01-01	
DQ Conceptual Consistency		
Effective date	1900-01-01	
DQ Topological Consistency		
Effective date	1900-01-01	
DQ Absolute External Positional Accuracy		
Effective date	1900-01-01	
DQ Non Quantitative Attribute Correctness		
Effective date	1900-01-01	
Responsible party		
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Responsible party role	pointOfContact	
Metadata date	2024-02-26T12:58:06.917264	
Metadata language		