## Title **Grazing Intensity Data Abstract** These data were collected as part of the NSW Grazing Study. The study sampled a range of grazing intensities based on both recent (last 2-3 years) and historic (up to 20 years) grazing. To assess recent grazing intensity we identified and counted the dung or pellets of all herbivores (cattle, sheep/goat, kangaroo) within the large (5m x 5m) and small (0.5m x 0.5m) (kangaroo, rabbit, sheep/goat) quadrats. For cattle, we counted dung events rather than individual fragments, i.e. we considered a number of small fragments to have originated from one dung event, if the fragments were within an area of a few metres. At ten sites we counted, collected, dried and weighed the dung from 10 large quadrats to obtain a relationship between dung counts and dry mass for each herbivore. This relationship was then used to calculate the total oven-dried mass of dung per hectare per herbivore as our measure of recent grazing intensity. Where dung from the same herbivore was assessed in both the large and small quadrats, we derived an average mass per hectare based on both quadrats for that herbivore type. We were unable to discriminate between sheep, goat and in very few cases deer (Cervus spp.) dung, or between European rabbit and European hare (Lepus europaeus) dung. Other indicator of recent grazing were also collected (rabbit burrows, latrines and kangaroo hip holes). The abundance of these were collected in a 200m x 10m belt transect. To assess historic grazing intensity we measured the width and depth of all livestock tracks crossing the 200 m transect to derive a total cross-sectional area of livestock tracks for each site (Pringle and Landsberg 2004). Resource locator Name: Data Quality Statement **Data Quality** Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for The NSW Grazing study Function: download Name: The NSW Grazing Study Assessment of Grazing Intensity The NSW Grazing Study Protocol: WWW:DOWNLOAD-1.0-http--download Assessment of **Grazing Intensity** Description: Spreadsheet of grazing intensities based on both recent and historic grazing Function: download Unique resource identifier Code 1c99dab0-315e-41df-80a6-a8e25b445407 Presentation Table digital form Edition Original (raw data) Dataset **English** language Metadata standard ISO 19115 Name

https://datasets.seed.nsw.gov.au/dataset/1c99dab0-315e-41df-80a6-a8e25b445407

Edition

Dataset URI

2016

Purpose	Decision support	
Status	Completed	
Spatial representation type	None	
Spatial reference system		
Code identifying the spatial reference system	4283	
Topic category		

Keyword set			
keyword value	FLORA		
	ECOLOGY		
	AGRICULTURE		
Originating controlled vocabulary			
Title	ANZLIC Search Words		
Reference date	2008-05-16		
Geographic location			
West bounding longitude	141.064453		
East bounding longitude	149.238281		
North bounding latitude	-36.031332		
South bounding latitude	-31.728167		
NSW Place Name	Central West, Riverina and Western NSW		
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	2013-07-01		
End position	N/A		
Dataset reference date			
Resource maintenance			
Maintenance and update frequency	Unknown		
Contact info			
Contact position	Data Broker		
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Responsible party role	pointOfContact		
Limitations on public access			

Responsible party

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