Abstract   The aridity index, also known as the Budyko radiative index of dryness, is a dimensionless parameter that represents the long-term balance between net radiation and precipitation. The method used to generate the high-resolution aridity index klayer across New South Wales was developed by Nyman et al., 2014. To create the high-resolution (30 m) aridity index layer for New South Wales, the following parameters were used to 20 2021, 30-meter Shutte Radar Topography Mission digital elevation model, and 30-meter Isadiation and surface temperature from the period 1992 to 2021, 30-meter Shutte Radar Topography Mission digital elevation addity and distribution of vegetation across the region. The aridity index layer is a high-resolution dataset that allows identification of finer-scale variations in local mostly and distribution of vegetation across the region. The aridity index layer is a high-resolution dataset that allows identification of finer-scale variations in local mostly and isolar conditions, and informing decision-making in a wide range of applications related to water management, land use, and climate change adaptation.     Resource locator   Name: Show on SEED Web Map     Show on SEED   Name: Show on SEED Web Map     Web Map   Protocol: WWW:DOWNLOAD-1.0-httpdownload     Description:   Display dataset on SEED map viewer     Function: download   Name: Data Quality Statement     Statement   Protocol: WWW:DOWNLOAD-1.0-httpdownload     Description:   Data Quality statement for NSW Aridity Index - High resolution (30 meter)     Function: download   Name: Download Package     Protocol: W
potential application of the layer.     Resource locator     Show on SEED   Name: Show on SEED Web Map     Wieb Map   Protocol: WWW:DOWNLOAD-1.0-httpdownload     Description:   Display dataset on SEED map viewer     Function: download   Protocol: WWW:DOWNLOAD-1.0-httpdownload     Data Quality   Name: Data Quality Statement     Statement   Protocol: WWW:DOWNLOAD-1.0-httpdownload     Description:   Data quality statement for NSW Aridity Index - High resolution (30 meter)     Function: download   Name: Download     Download   Name: Download Package     Package   Protocol: WWW:DOWNLOAD-1.0-httpdownload     Description:   Data (GeoTIFF)     Function: download   Description:     Data (GeoTIFF)   Function: download     ArcGIS REST   Name: ArcGIS REST Services Directory - NSW Aridity Index - High resolution (30 meter)     Services   Directory - NSW     Aridity Index   High resolution     High resolution   Description:
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(30 meter)
An ArcGIS Server web service represents a GIS resource such as a map, locator, or image that is located on an ArcGIS Server site and is made available to client applications. Depending on the layers enabled, this web service allows a user to query its features and/or visualise the dataset. This service is aimed at advanced geographical information users, and will require access to geographical information system (GIS) software such as ArcGIS/ArcMap.
Function: download
NSW Aridity Name: NSW Aridity Index factsheet
Index factsheet Protocol: WWW:DOWNLOAD-1.0-httpdownload
Description:
The high-resolution aridity index dataset has a range of potential applications due to

	its high spatial resolution, including in environmental management decision-making.
	Function: download
Unique resource	identifier
Code	1ee4c0a1-d576-44ae-8b6f-b5215e6325ba
Presentation form	Map digital
Edition	1
Dataset language	English
Metadata standa	ard
Name	ISO 19115
Edition	2016
Dataset URI	https://www.planningportal.nsw.gov.au/opendata/dataset/1ee4c0a1-d576-44ae-8b6f- b5215e6325ba
Purpose	Fire management planning
Status	Completed
Spatial representation type	grid
Spatial reference	e system
Code identifying the spatial reference system	4283
Spatial resolution	30 m
Topic category	climatologyMeteorologyAtmosphere environment

Keyword set	
keyword value	HAZARDS-Fire
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
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	1992-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
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Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

## Constraint set

## Use constraints

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Limitations on public access

## Responsible party

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Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

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Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact
Metadata date	2024-06-18T23:27:22.404661
Metadata language	