

<b>Title</b>	Fire Heterogeneity Index (FHI) - Sturt Region
<b>Alternative title(s)</b>	FHI Sturt
<b>Abstract</b>	<p>Remote sensing scientists from the NSW Department of Climate Change, Energy, the Environment and Water (NSW DCCEEW) Science and Insights Division have developed a new approach to mapping the landscape patterns of high severity fire, based on NSW Fire Extent and Severity Mapping (FESM).</p> <p>High severity fire impacts an ecosystem by completely scorching or consuming the canopy biomass. Such impacts can be harmful to biodiversity, although some species benefit or even depend on this level of fire impact.</p> <p>Recent advances in remote sensing of fire and innovative computation solutions by DCCEEW Remote Sensing Scientists offer accessibility to data on fire severity and landscape patterns of fire heterogeneity across broad regions.</p>
<b>Resource locator</b>	
<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Fire Heterogeneity Index (FHI) 2023/24</p> <p>Function: download</p>
<a href="#">Raw FHI Sturt</a>	<p>Name: Raw FHI Sturt</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
<a href="#">Classified FHI Sturt</a>	<p>Name: Classified FHI Sturt</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
<a href="#">Factsheet</a>	<p>Name: Factsheet</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
<a href="#">Published journal article</a>	<p>Name: Published journal article</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Remotely Sensed Fire Heterogeneity and Biomass Recovery Predicts Empirical Biodiversity Responses</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
<b>Code</b>	54d67cb0-592e-40d9-85db-507a6a6fc4fa
<b>Presentation form</b>	Image digital
<b>Edition</b>	v1
<b>Dataset language</b>	English

Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/54d67cb0-592e-40d9-85db-507a6a6fc4fa">https://datasets.seed.nsw.gov.au/dataset/54d67cb0-592e-40d9-85db-507a6a6fc4fa</a>
Purpose	fire management and research
Status	Completed
Spatial representation type	grid
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	30 m
Topic category	

<b>Keyword set</b>	
keyword value	HAZARDS-Fire ECOLOGY-Landscape ECOLOGY-Habitat VEGETATION
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	140.98206
East bounding longitude	142.44324
North bounding latitude	-29.55176
South bounding latitude	-28.96229
NSW Place Name	NSW
<b>Vertical extent information</b>	
Minimum value	-100
Maximum value	2228
<b>Coordinate reference system</b>	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
<b>Temporal extent</b>	
Begin position	1989-01-07
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Annually
<b>Contact info</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
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Responsible party role	pointOfContact

Lineage	The fire heterogeneity index (FHI) layers are derived from the Fire Extent and Severity Mapping products, which are generated through a machine learning framework based on Sentinel 2 or Landsat satellite imagery. The high and extreme severity areas are the basis for the calculation of the FHI.		
Limitations on public access			
Responsible party			
Contact position	Data Broker		
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Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>		
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>		
Responsible party role	pointOfContact		
Metadata point of contact			
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Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>		
Responsible party role	pointOfContact		
Metadata date	2025-04-16T22:16:30.881198		
Metadata language			