

Title	FireTools Cloud Results - NPWS Hunter Central Coast Branch
Alternative title(s)	FTC Results – NPWS HCCO Branch
Abstract	<p>FireTools Cloud is a web-based GIS processing environment developed by the NSW Bushfire Risk Management Research Hub, a NSW focused research partnership between the NSW Department of Planning, Industry and Environment, the University of Wollongong, Western Sydney University, the University of NSW, the University of Tasmania, the University of Melbourne and the NSW Rural Fire Service. It is designed to replicate and replace the functionality of the FireTools II ArcGIS processing plugin to assist in fire management planning. Users upload a datapack containing the GIS files used to run a standard FireTools II analysis, configure the layers and fields that define the analysis, and submit the analysis for processing. After processing is complete, users can download a results pack containing GIS files with analysis results. Selected results are distributed for use as described below.</p> <p>Results are true and correct only for the reserves within the NPWS Hunter Central Coast Branch. Fire history outside the reserves is incomplete so results should not be relied upon.</p> <p>Layers in this data package: Heritage threshold status: Input vegetation classified into LongUnburnt, WithinThreshold, Vulnerable, TooFrequentlyBurnt, Unknown and NoFireRegime (raster and vector). This layer is used to monitor the status of vegetation across the study area with respect to its biodiversity-related impacts of fire.</p> <p>Number of times burnt: The number of times any given point within the study area has been intersected by a burnt area polygon in the fire history (raster and vector)</p> <p>Time Since Last Fire: The number of years since any given point within the study area has been intersected by a burnt area polygon in the fire history (raster and vector)</p> <p>Time Since Last Fire SFAZ: The number of years since any given Strategic Fire Advantage Zone (SFAZ) within the study area has been intersected by a burnt area polygon in the fire history. This is then classified into 3 time slices whereby 0-6 years = Recently Treated, 7-10 years = Monitor OFH in the field and >10 years = Priority for Assessment and Treatment. (raster and vector). This layer is used to find candidate burn blocks to assess for addition into a hazard reduction program of works.</p> <p>Vegcode: A simple display layer showing the input vegetation groups over the study area. This is not a fully attributed vegetation layer – it is designed as a simple visual (raster only).</p> <p>VegBase: This is a copy of the input veg used, showing just the VEG code, MIN, MAX. Can be used to analyse what is driving results in a given location.</p> <p>Data is updated up to 4 times per year.</p>
Resource locator	<p>Data Quality Statement</p> <p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for FireTools Cloud Results</p> <p>Function: download</p> <p>Web Map Service (WMS)</p> <p>Name: Web Map Service (WMS)</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Web Map Service (WMS) is a standard protocol for serving georeferenced map images over the internet that are generated by a map server using data from a GIS Database (NSW Government - Spatial Web Services Register June 2015). WMS allows a user to spatially visualise the dataset, but not query its features. This service is aimed at advanced geographical information users, and will require access to geographical information system (GIS) software such as QGIS and ArcGIS/ArcMap.</p>

Function: download

ArcGIS REST SERVICE

Name: ArcGIS REST SERVICE

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

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 allow 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

Unique resource identifier

Code 2b827a4e-a73f-4bc7-b0a1-b7a49a188aae

Presentation form mapDigital

Edition July 2019

Dataset language eng

Metadata standard

Name ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

Version 1.1

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/2b827a4e-a73f-4bc7-b0a1-b7a49a188aae>

Purpose On-park fire management planning

Status onGoing

Spatial representation type grid

Spatial reference system

Authority code GDA94 Geographic (Lat\Long)

Code identifying the spatial reference system 4283

Spatial resolution 100 m

Topic category

Keyword set

keyword value HAZARDS-Fire

Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.67749
East bounding longitude	152.874756
North bounding latitude	-33.358062
South bounding latitude	-31.587894
NSW Place Name	National Parks and Wildlife Service Hunter Central Coast Branch
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	1980-01-01
End position	N/A
Dataset reference date	
Date type	publication
Effective date	2019-10-18
Date type	revision
Effective date	2023-05-13
Resource maintenance	
Maintenance and update frequency	None
Contact info	
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Full postal address	NSW Australia data.broker@environment.nsw.gov.au
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Responsible party role	pointOfContact

Lineage	FireTools Cloud is web-based GIS processing environment designed to replicate and replace the functionality of the FireTools II ArcGIS processing plugin to assist in fire management planning. Users upload a datapack containing the GIS files used to run a standard FireTools II analysis, configure the layers and fields that define the analysis, and submit the analysis for processing. After processing is complete, users can download a results pack containing GIS files with analysis results		
Limitations on public access			
Scope	dataset		
Responsible party	<div> <div>Contact position</div> <div>Data Broker</div> </div> <div> <div>Organisation name</div> <div>NSW Department of Climate Change, Energy, the Environment and Water</div> </div> <div> <div>Full postal address</div> <div>NSW</div> <div>Australia</div> <div>data.broker@environment.nsw.gov.au</div> </div> <div> <div>Telephone number</div> <div>131555</div> </div> <div> <div>Email address</div> <div>data.broker@environment.nsw.gov.au</div> </div> <div> <div>Web address</div> <div>https://www.nsw.gov.au/departments-and-agencies/dcceew</div> </div> <div> <div>Responsible party role</div> <div>pointOfContact</div> </div>		
Metadata point of contact	<div> <div>Contact position</div> <div>Data Broker</div> </div> <div> <div>Organisation name</div> <div>NSW Department of Climate Change, Energy, the Environment and Water</div> </div> <div> <div>Full postal address</div> <div>NSW</div> <div>Australia</div> <div>data.broker@environment.nsw.gov.au</div> </div> <div> <div>Telephone number</div> <div>131555</div> </div> <div> <div>Email address</div> <div>data.broker@environment.nsw.gov.au</div> </div> <div> <div>Responsible party role</div> <div>distributor</div> </div>		
Metadata date	2020-10-13		
Metadata language	eng		