Title	FireTools Cloud Results - NPWS Northern Inland Branch
Alternative title(s)	FTC Results – NPWS NTHI Branch
Abstract	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.

Results are true and correct only for the reserves within the NPWS Northern Inland Branch. Fire history outside the reserves is incomplete so results should not be relied upon.

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.

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)

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)

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.

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).

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.

Data is updated up to 4 times per year. |

Resource locator

Show on SEED Web Map	Name: Show on SEED Web Map
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Display dataset on SEED's map
	Function: download
Data Quality Statement	Name: Data Quality Statement
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data quality statement for FireTools Cloud Results
	Function: download
Web Map Service (WMS)	Name: Web Map Service (WMS)
	Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

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.

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	9406535e-f994-47fe-bc13-b4048bdb43bc

Presentation form	Map digital

Edition	July 2019

Dataset language	English

Metadata standard	
Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/9406535e-f994-47fe-bc13-b4048bdb43bc

Purpose	On-park fire management planning

Status	On going

Spatial representation type	grid

Spatial reference system	
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	144.008789
East bounding longitude	151.984863
North bounding latitude	-32.342841
South bounding latitude	-28.420391
NSW Place Name	National Parks and Wildlife Service Northern Inland 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

Resource maintenance

Maintenance and update frequency	Biannually

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

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Limitations on public access

Scope

dataset

DQ Completeness Commission

Effective date	2019-07-30
Explanation	Results are true and correct only for the reserves within the NPWS Northern Inland Branch. Fire history outside the reserves is incomplete so results should not be relied upon.

Responsible party

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
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Metadata date

2024-02-26T13:40:25.963777

Metadata language