

Title	FireTools Cloud Results - NPWS Greater Sydney Branch
Alternative title(s)	FTC Results - NPWS GSYD 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 Greater Sydney 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 &gt;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>

## Resource locator

<a href="#">Show on SEED Web Map</a>	<p>Name: Show on SEED Web Map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Display dataset on SEED's map</p> <p>Function: download</p>
<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 FireTools Cloud Results - NPWS Blue Mountains Branch</p> <p>Function: download</p>
<a href="#">Web Map Service (WMS)</a>	<p>Name: Web Map Service (WMS)</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</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.

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 939c1526-8c56-4c2d-8280-631d0915a952

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/939c1526-8c56-4c2d-8280-631d0915a952>

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

<b>Topic category</b>	Environment
<b>Keyword set</b>	
keyword value	HAZARDS-Fire
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	150.67749
East bounding longitude	151.402588
North bounding latitude	-34.243595
South bounding latitude	-33.477272
NSW Place Name	National Parks and Wildlife Service Greater Sydney Branch
<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	1980-01-01
End position	N/A
<b>Dataset reference date</b>	
Date type	creation
Effective date	2019-07-30
Date type	publication
Effective date	2019-10-18
Date type	revision
Effective date	2020-10-13
<b>Resource maintenance</b>	
Maintenance and update frequency	annually
Date of next update	2020-07-31
<b>Contact info</b>	
Organisation name	Department of Planning, Industry and Environment
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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

## Constraint set

**Use constraints** This data is provided under a Creative Commons Attribution 4.0 licence <http://creativecommons.org/licenses/by/4.0> Attribute 'Department of Planning, Industry and Environment ' in publications using this data.

**Limitations on public access**

**Scope** dataset

## Completeness Commission

**Date type** creation

**Effective date** 2019-07-30

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

## Responsible party

Contact position	Data Broker
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Web address	<a href="http://www.planning.nsw.gov.au/">http://www.planning.nsw.gov.au/</a>
Responsible party role	pointOfContact

## Metadata point of contact

Contact position	Data Broker
Organisation name	Department of Planning, Industry and Environment
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Responsible party role	distributor

Metadata date 2020-10-13

Metadata language eng