Title	FireTools Cloud Results - NPWS South Coast Branch
Alternative title(s)	FTC Results – NPWS STHC 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 South Coast 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 locato	r
Show on SEED	Name: Show on SEED Web Map
Web Map	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Display dataset on SEED's map
	Function: download
Data Quality	Name: Data Quality Statement
Statement	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Data quality statement for FireTools Cloud Results
	Function: download
Web Map Service	Name: Web Map Service (WMS)
<u>(WMS)</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload

	Description:	
ArcGIS REST SERVICE	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	
	Name: ArcGIS REST SERVICE	
	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	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	3b814f76-b988-4419-b8bf-9b81c3a8718e	
Presentation form	Map digital	
Edition	July 2019	
Dataset language	English	
Metadata standa	ard	
Name	ISO 19115	
Edition	2016	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/3b814f76-b988-4419-b8bf-9b81c3a8718e	
Purpose	On-park fire management planning	
Status	On going	
Spatial representation type	grid	
Spatial reference	e 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	149.941406
East bounding longitude	152.028809
North bounding latitude	-38.668356
South bounding latitude	-35.371135
NSW Place Name	National Parks and Wildlife Service South 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	
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

	the function planning. Us II analysis, o for processi	reTools Cloud is web-based GIS processing environment designed to replicate and replace ne functionality of the FireTools II ArcGIS processing plugin to assist in fire management lanning. Users upload a datapack containing the GIS files used to run a standard FireTools analysis, configure the layers and fields that define the analysis, and submit the analysis or processing. After processing is complete, users can download a results pack containing IS files with analysis results			
Limitations on public access					
Scope	dataset	dataset			
DQ Completeness Commission					
Effective date	2019-07	2019-07-30			
Explanation		Results are true and correct only for the reserves within the NPWS South Coast Branch. Fire history outside the reserves is incomplete so results should not be relied upon.			
Responsibl	e party				
Contact pos	sition	Data Broker			
Organisation	n name	NSW Department of Climate Change, Energy, the Environment and Water			
Telephone n	number	131555			
Email addre	SS	data.broker@environment.nsw.gov.au			
Web addres	S	https://www.nsw.gov.au/departments-and-agencies/dcceew			
Responsible	e party role	pointOfContact			
Metadata p	Metadata point of contact				
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Web addres	S	https://www.nsw.gov.au/departments-and-agencies/dcceew			
Responsible	e party role	pointOfContact			
Metadata d	late	2024-02-26T13:38:43.662162			
Metadata language					