| Title | FireTools Cloud Results - NPWS Southern Ranges Branch |
|--|--|
| Alternative title(s) | FTC Results – NPWS STHR 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 Southern Ranges 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 | pr |
| Data Quality | Name: Data Quality Statement |
| Statement | Protocol: WWW:DOWNLOAD-1.0-httpdownload |
| | Description: |
| | Data quality statement for FireTools Cloud Results |
| | Function: download |
| <u>Web Map Service</u> <u>(WMS)</u> | Name: Web Map Service (WMS) |
| | Protocol: WWW:DOWNLOAD-1.0-httpdownload |
| | 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 | Name: ArcGIS REST SERVICE | | |
| 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 | b9866310-206c-4466-ac25-29645f13db05 | | |
| Presentation form | mapDigital | | |
| Edition | July 2019 | | |
| Dataset language | eng | | |
| Metadata standa | ard | | |
| 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/b9866310-206c-4466-ac25-29645f13db05 | | |
| Purpose | On-park fire management planning | | |
| Status | onGoing | | |
| Spatial representation type | grid | | |
| Spatial reference | e 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 controlle | ed vocabulary | | |

| Title | ANZLIC Search Words |
|--|---|
| Reference date | 2008-05-16 |
| Geographic location | |
| West bounding longitude | 146.184082 |
| East bounding longitude | 149.172363 |
| North bounding latitude | -37.212832 |
| South bounding latitude | -34.107256 |
| 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 | |
| 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 | |
| Contact position | Data Broker |
| Organisation name | NSW Department of Climate Change, Energy, the Environment and Water |
| Full postal address | NSW |
| | Australia |
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| Telephone number | 131555 |
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| Responsible party role | pointOfContact |

Metadata point of contact

| Contact position | Data Broker |
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| Organisation name | NSW Department of Climate Change, Energy, the Environment and Water |
| Full postal address | NSW |
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| Telephone number | 131555 |
| Email address | data.broker@environment.nsw.gov.au |
| Responsible party role | distributor |
| Metadata date | 2020-10-13 |
| Metadata language | eng |