

Resource title	<i>Fires in Australia's forests 2011–16 (2018)</i> dataset
Citation	Australian Bureau of Agricultural and Resource Economics and Sciences, <i>Fires in Australia's Forests 2011–16 (2018)</i> , Australian Bureau of Agricultural and Resource Economics and Sciences, Canberra, December. CC BY 4.0
Digital object identifier (DOI)	www.doi.org/10.25814/5c5a2a9c71db0
Custodian	Australian Government Department of Agriculture and Water Resources – Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES)
Jurisdiction	Australia
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Abstract	<p><i>Fires in Australia's Forests 2011–16 (2018)</i> is a continental spatial dataset of the extent and frequency of planned and unplanned fires occurring in forest in the five financial years between July 2011 and June 2016, assembled for Australia's State of the Forests Report 2018. It was developed from multiple fire area datasets contributed by state and territory government agencies, after consultation with Australia's Forest Fire Management Group. The fire dataset is then combined with forest cover information sourced from the Forests of Australia (2018) dataset, and forest tenure information sourced from the Tenure of Australia's Forests (2018) dataset.</p> <p>The dataset was compiled by the Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES) for the National Forest Inventory (NFI), a collaborative partnership between the Australian and state and territory governments. The role of the NFI is to collate, integrate and communicate information on Australia's forests. The NFI applies a national classification to state and territory data to allow seamless integration of these datasets. Multiple independent sources of external data are used to fill data gaps and improve the quality of the final dataset.</p> <p>Forest areas burnt by fire are allocated by the month of the fire to a financial year (July–June inclusive). Where more than one fire event occurs on any one hectare during a financial year, only the first fire is recorded for that area in the financial year. Fires are also classified into two categories, planned and unplanned, based on the fire seasonality and advice from state and territory agencies.</p> <p>The <i>Fire in Australia's forests 2011–16 (2018)</i> dataset is produced to fulfil requirements of Australia's <i>National Forest Policy Statement</i> and the <i>Regional Forests Agreement Act 2002</i> (Cwth), and is used by the Australian Government for domestic and international reporting.</p>
Purpose	For describing fires in Australia's forests, as reported in the Australia's State of the Forests Report (2018) .

ANZLIC search words	FORESTS FORESTS Natural FORESTS Plantation HAZARDS HAZARDS fire VEGETATION VEGETATION Floristic VEGETATION Structural
Keyword(s)	Forest Fire Bushfire Wildfire Prescribed fire Prescribed burn Planned fire Unplanned fire Australia
Sources used to generate this resource	Fire information used to develop the <i>Fires in Australia's forests 2011–16 (2018)</i> dataset was sourced from: <ul style="list-style-type: none"> • ACT Environment, Planning and Sustainable Development Directorate • New South Wales Rural Fire Service • Northern Territory Department of Environment and Natural Resources, and Northern Australia Fire Information (NAFI) website • Queensland Parks and Wildlife Service • Primary Industries and Regions South Australia • Sustainable Timber Tasmania • Victoria Department of Environment, Land , Water and Planning • Western Australia Parks and Wildlife Service
Publication date	December 2018
Latest date of information/currency	30 June 2016
Data file name	fire_for18
Stored data format	GIS files created using Esri ArcGIS 10.2 software: Grid (raster) and Layer file formats – zipped
Compressed file size	99 MB
Geographic extent	Australia excluding external territories North bounding Latitude: -8.2° South bounding Latitude: -44.4° East bounding Longitude: 157.2° West bounding Longitude: 109.5°
Spatial resolution/ cell size	1 hectare/100 x 100 metre
Spatial reference	ESPG:3577 GDA94 Australian Albers

	Coordinate system: GDA_1994_Albers False Easting: 0 False Northing: 0 Central meridian: 132° Standard parallels: -18°, -36° Latitude of origin: 0° Datum: D_GDA_1994
Positional accuracy	Horizontal: ±100 metres Vertical: not applicable
Attribute accuracy	Attributes are compiled exercising due care and skill. However, accuracy of attributes is in part dependent on accuracy of data supplied to ABARES and therefore cannot be guaranteed.
Completeness	Coverage: Dataset provides coverage of 100% of Australia excluding external territories. Attributes: Fire type (planned and unplanned) information is available for all burnt forest areas.
Update frequency	5 years
Licencing	Creative Commons by Attribution 4.0 International (CC BY 4.0)
Access constraints	No restriction, nil cost.
Use constraints	CC BY 4.0 permits: Share – users may copy and redistribute the material in any medium or format. Adapt – users may remix, transform, and build upon the material for any purpose, even commercially. Attribution – users must give appropriate credit using the citation listed, provide a link to the licence, and indicate if changes were made. Users may do so in any reasonable manner, but not in any way that suggests the licensor endorses the use.
Security constraints	Classification: Unclassified
Legal constraints	The Australian Government acting through the Department of Agriculture and Water Resources, represented by the Australian Bureau of Agricultural and Resource Economics and Sciences, has exercised due care and skill in preparing and compiling the information and data in this publication. Notwithstanding, the Department of Agriculture and Water Resources, ABARES, its employees and advisers disclaim all liability, including liability for negligence and for any loss, damage, injury, expense or cost incurred by any person as a result of accessing, using or relying on any of the information or data in this publication to the maximum extent permitted by law.
Metadata date	16 February 2019
Additional metadata	Documentation on dataset lineage, and attribute data descriptions and lookup tables for the <i>Fires in Australia's forest 2011–16 (2018)</i> dataset, are available from the Fires in Australia's forests 2011–16 (2018) spatial data webpage.