

Cudgongong BFMC Bush Fire Risk Management Plan 2019

NorthEast - Map Display Area

Map 1 of 4

DRAFT

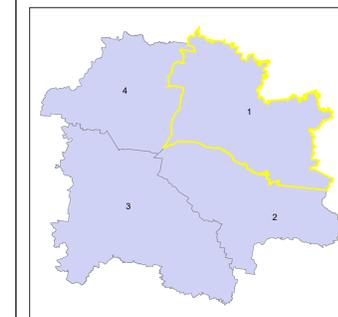
This Bush Fire Risk Management Plan (BFRMP) has been prepared by the Cudgongong Bush Fire Management Committee (BFMC) pursuant to section 52 of the Rural Fires Act 1997.

The aim of this BFRMP is to reduce the adverse impact of bush fires on life, property and the environment.

The objectives of this BFRMP are to:

- manage fuel to reduce the spread and intensity of bush fires while minimising environmental/ecological impacts;
- reduce the community's vulnerability to bush fires by improving its preparedness; and
- effectively contain fires with a potential to cause damage to life, property and the environment.

This map forms part of the BFRMP for the Cudgongong BFMC, covering the local government area(s) of Mid-Western Regional. It should be viewed in conjunction with the accompanying BFRMP document which provides further details on the BFMC area, the assets assessed and the risk assessment process used.



Review
Under the Rural Fires Act 1997 this plan must be reviewed and updated within each successive five year period following the constitution of the BFMC. The Cudgongong BFMC will also review this plan as necessary. This may be triggered by a range of circumstances, including but not limited to:

- changes to the BFMC area, organisational responsibilities or legislation;
- changes to the bush fire risk in the area; or
- following a major fire event.

Assets
This BFRMP identifies the assets that are considered by the Cudgongong BFMC and community to be at risk from bush fires, assesses the bush fire risk to each asset and assigns treatments designed to mitigate the risk. Assets in the BFMC area identified as requiring treatments are listed in the assets table. Other assets within the BFMC area that were assessed as not requiring treatments within the life of this plan are listed in the appendix to the BFRMP document. The Map Ref number "NA" denotes non-spatial assets.

Treatments
Specific treatments assigned to assets in the Cudgongong area are listed in the treatments table and linked to the assets which they are designed to protect. Standard BFMC wide treatments (i.e. not linked to a specific asset) which occur on an ongoing basis within the BFMC area are:

- reviewing the bush fire prone land map;
- ensuring developments in the bush fire prone land comply with Planning for Bush Fire Protection;
- using the Local Environment Plan's (LEPs) to control development in areas with a bush fire risk;
- varying the standard bush fire danger period as required;
- requiring permits during bush fire danger periods;
- prosecution of arsonists/offenders;
- investigation of bush fire cause;
- normal fire suppression activities;
- assessing and managing compliance with strategic fire-fighting resource allocation management systems;
- preparation of a S2 Operations Coordination Plan;

Note on LMZ: All areas not specifically mapped as an APZ, SFAZ or FEZ are considered as LMZ for this risk management plan. For areas identified by an LMZ polygon on the map, please refer to the BFRMP document for the specific land management objectives.

Zone	Purpose	Suppression	Zone
Asset Protection Zone	To protect human life, property and highly valued public assets and values.	To enable the safe use of Direct Attack suppression strategies within the zone. To minimise bush fire impacts on undefended assets.	As per RFS document <i>Standards for Asset Protection Zones</i> .
Strategic Fire Advantage Zone	To provide strategic areas of fire protection advantage which will reduce the speed and intensity of bush fires, and reduce the potential for spot fire development. To aid containment of wildfires to existing management boundaries.	To improve the likelihood and safe use of Parallel Attack suppression strategies within the zone. Indirect Attack (back burning) in high to very high fire weather conditions within the zone. To reduce the likelihood of: Crown fire development within the zone; and/or Spot fire ignition potential from the zone.	Zone width related to suppression objectives and dependant upon: - Topography - Aspect - Spotting propensity - Location of adjacent fire breaks - Mosaic pattern of treatment Assess Overall Fuel Hazard (OFH) once vegetation communities reach minimum fire thresholds within this plan. Management practices should aim to achieve mosaic fuel reduction patterns so that the majority of the SFAZ has an OFH of less than high.
Land Management Zone	To meet relevant land management objectives in area where APZs or SFAZs are not appropriate.	As per the land management and fire protection objectives of the responsible land management agency. To reduce the likelihood of spread of fires. To undertake mosaic burning.	As appropriate to achieve land management, e.g. heritage and/or fire protection e.g. broad scale mosaic burning objectives.
Fire Exclusion Zone	To exclude bush fires.	NA	Variable dependant on size of fire sensitive area requiring protection.

Disclaimer
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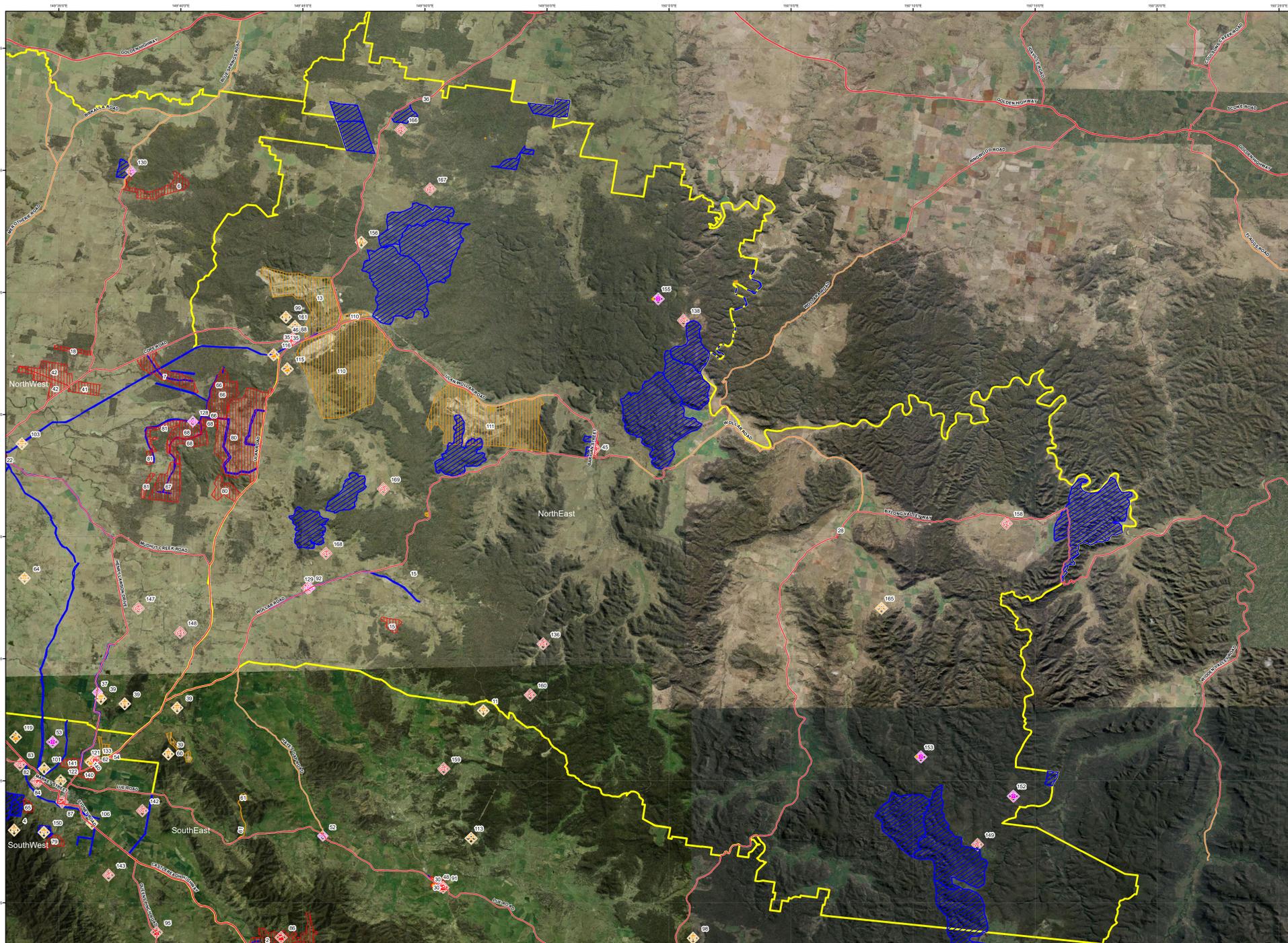
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Date created: Tuesday, 4 June 2019

BFRMP version 2.1.26.0

Map Ref	Asset name	Asset type	Subtype	Risk level	Priority	Treatment
136	Tolnes Rural Development	Human	Residential	Extreme	1B	T1;T2;T3
138	Mogo Road Isolated Rural Properties	Human	Residential	Extreme	1B	(1)
152	Sandy Camp Hut	Cultural	Non	Extreme	1C	T44;48
153	Gowie Hut	Cultural	Non	Extreme	1C	T45;44
155	Nissen Hut	Cultural	Non	Extreme	1C	T44;48
160	Dry Creek/ Upper Botobolar Isolated	Human	Residential	Very High	2A	T1
169	Moolarben Road Isolated Rural	Human	Residential	Very High	2A	T1;65
NA	Goulburn River NP Camping Areas	Economic	Tourist and	Very High	2C	(2)
156	The Drip	Economic	Tourist and	Very High	2C	T45;46
13	Glencore Ulan Coal Mines	Economic	Mines	High	3A	T55;58
88	NSP Ulan Public School	Human	Other	High	3A	T50
92	NSP Cooyal	Human	Other	High	3A	T49
99	Ulan Mine Communications Site	Economic	Infrastructure	High	3A	T67
110	Moolarben Coal Mine	Economic	Mines	High	3A	T55;58
111	Wilpingong Coal Mine	Economic	Mines	High	3A	(4)
165	Keppoo Bylong Valley Coal Mine	Economic	Mines	High	3A	(5)
166	Greenhills Lane Isolated Rural	Human	Residential	High	3A	T1;64
167	Durrigere Road Isolated Rural	Human	Residential	High	3A	(6)
168	Cooyal Rural Development	Human	Residential	High	3A	T1;60
28	Bylong village & Rural Properties	Human	Residential	Medium	4	T59;61
115	Orica Explosives Plant	Economic	Commercial	Medium	4	T55
158	Murrumbidgee Isolated Rural Properties	Human	Residential	Medium	4	T43;44;62

- (1) T1;6;14;34;45;57;58;61;63;66
- (2) T44;47;45;46
- (3) T1;54;58;57;41;30
- (4) T55;58;66;57
- (5) T55;58;59;61
- (6) T57;1;58;62;64



Assets

- Human - Residential
- Human - Other
- Special Fire Protection
- Economic - Agricultural
- Economic - Commercial
- Economic - Infrastructure
- Economic - Tourism and Recreational
- Economic - Mines
- Commercial - Private
- Drinking Water Catchments
- Environmental - Locally Important
- Environmental - Vulnerable (Species)
- Environmental - Endangered (Species)
- Cultural - Aboriginal Heritage
- Cultural - Other
- Cultural - Non-Indigenous

Bush Fire Management Zones

- Fire Exclusion Zone (FEZ)
- Asset Protection Zone (APZ)
- Land Management Zone (LMZ)
- Strategic Fire Advantage Zone (SFAZ)

Base Data Layers

- Major Roads Sealed
- Major Roads Unsealed
- Secondary Road Sealed
- Secondary Road Unsealed
- Local Road Sealed
- Local Road Unsealed
- Local Road Unspecified
- AVD Track Unspecified
- Path
- Heavy Rail
- Light Rail
- Heavy Rail Isdng
- Drainage Perennial
- Drainage Non Perennial
- Hydro-Line Perennial
- Hydro-Line Non Perennial
- Contour (100m)
- Contour (50m)
- Map Display Area
- Local Government Area
- Crown Land
- State Forests
- National Park

*Note - Some base data layers may not be displayed on map

ID	Treatment strategy	Action	Agencies (Support)
T1	Community Education	Undertake Community Engagement Activity	RFS
T16	Hazard Reduction	Inspect & Maintain SFAZ Lineal break-Mogo Rd	LGA (RFS)
T27	Hazard Reduction	Undertake HR burn in LMZ	TI CL (RFS)
T32	Preparedness	Maintain Fire Trails	TI CL (RFS)
T43	Ignition Management	Implement remote areas sold fuel fire ban in	OEH
T44	Preparedness	Maintain fire trails	OEH
T54	Ignition Management	Prepare & implement Ignition Management Plan	LGA (RFS)
T57	Hazard Reduction	Undertake burn in SFAZ	OEH
T59	Hazard Reduction	Undertake burn in LMZ	OEH
T61	Hazard Reduction	Undertake burn in LMZ	OEH
T63	Hazard Reduction	Undertake burn in LMZ in 2223	OEH
T66	Hazard Reduction	Undertake burn in SFAZ in 2425	OEH
T48	Hazard Reduction	Inspect & Maintain APZ	OEH
T30	Hazard Reduction	Inspect & Maintain SFAZ - Crown Land	TI CL (RFS)
T58	Hazard Reduction	Undertake burn in LMZ	OEH
T62	Hazard Reduction	Undertake burn in SFAZ	OEH
T64	Hazard Reduction	Undertake burn in SFAZ in 2223	OEH
T65	Hazard Reduction	Undertake burn in SFAZ in 2324	OEH
T45	Ignition Management	Implement TOBANS with signage & visitor info	OEH
T46	Community Education	Maintain onsite public information	OEH
T47	Preparedness	Maintain closure gates	OEH
T60	Hazard Reduction	Undertake burn in SFAZ	OEH
T41	Hazard Reduction	Inspect and maintain APZ	TI CL (RFS)
T49	Hazard Reduction	Maintain fuels in accordance with guidelines	LGA (RFS)
T50	Hazard Reduction	Maintain fuels in accordance with guidelines	Dept of Education (RFS)
T55	Property Planning	Develop & implement Bush Fire Preparedness	Private

ID	Treatment strategy	Action	Agencies (Support)
T67	Hazard Reduction	Inspect & maintain APZ	RFS