

Treatments			
ID	Treatment strategy	Action	Agencies (Support)
T50	Hazard Reduction	Conduct Hazard Reduction Burning	TI CL (Private, RFS)
T51	Hazard Reduction	Inspect AP2 annually and maintain as required	TI CL, Private (RFS)
T64	Preparedness	Maintain fire trails	Private (RFS)
T84	Hazard Reduction	Conduct Hazard Reduction Burning	FCNSW
T85	Hazard Reduction	Inspect AP2 annually and maintain as required	FCNSW
T93	Preparedness	Maintain fire trails	FCNSW
T94	Ignition Management	Develop & Implement fire tower roster	FCNSW
T100	Hazard Reduction	Conduct Hazard Reduction Burning	OEH (RFS)
T101	Community Education	Conduct Community Engagement	RFS (Private)
T102	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (Private)
T104	Community Education	Conduct Community Engagement	RFS (Private, FCNSW)
T109	Community Education	Conduct Community Engagement	FRNSW, RFS
T110	Community Education	Conduct Community Engagement	FRNSW
T111	Property Planning	Consult on Bush Fire Preparedness	RFS
T120	Property Planning	Consult on Bush Fire Preparedness	RFS (Private)
T142	Preparedness	Maintain fire trails	TI CL, LGA, OEH
T143	Preparedness	Maintain fire trails	TI CL, LGA, FCNSW (RFS)
T144	Community Education	Conduct Community Engagement	RFS (Private, FCNSW)
T145	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (TI CL, FCNSW)
T146	Preparedness	Maintain fire trails	TI CL (Private, RFS, FCNSW)
T153	Community Education	Consult on Bush Fire Preparedness	RFS
T156	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (Private)
T164	Property Planning	Develop Community Protection Plan	RFS (RFS)
T191	Ignition Management	Report all Fires to 000	ARTC
T193	Hazard Reduction	Maintain fuels in accordance with Guidelines	LGA, RFS, Wingecarbee Council
T212	Hazard Reduction	Inspect AP2 annually and maintain as required	LGA, Wollondilly Council

Treatments			
ID	Treatment strategy	Action	Agencies (Support)
T217	Property Planning	Consult on Bush Fire Preparedness	RFS (OEH)
T222	Community Education	Conduct Community Engagement	RFS (OEH, Private)
T237	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (Private)
T261	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (TI CL, Private, RFS)
T272	Hazard Reduction	Inspect AP2 annually and maintain as required	LGA, Wingecarbee
T273	Hazard Reduction	Conduct hazard reduction burning	LGA, Wingecarbee
T287	Hazard Reduction	Inspect AP2 annually and maintain as required	LGA, Wingecarbee Council

Assets						
Map Ref	Asset name	Asset type	Subtype	Risk level	Priority	Treatment
20	Freestone Communications Towers	Economic	Infrastructure	Extreme	1B	T50,T51,T64
25	Moss Vale Management Area Plantation	Economic	Commercial	Extreme	1C	(1)
54	Isolated Rural Properties- Bundanoon	Human	Residential	Very High	2A	(2)
55	Bundanoon Isolated Properties	Human	Residential	Very High	2A	(3)
56	Sunnataram Teutis Rd Monastery	Economic	Tourist and	Very High	2A	T120,T156
57	Penrose Rd Penrose Isolated Rural	Human	Residential	Very High	2A	(4)
58	Wingello Rd Wingello Isolated Rural	Human	Residential	Very High	2A	(5)
60	Wingello South Isolated Properties	Human	Residential	Very High	2A	(6)
61	Penrose Public School	Human	Special Fire	Very High	2A	T109,T111
62	Wingello Public School	Human	Special Fire	Very High	2A	T109,T111
63	Wingello Village	Human	Residential	Very High	2A	(7)
64	Kareela Rd Wingello Isolated Properties	Human	Residential	Very High	2A	(8)
65	Penrose Pine Products	Economic	Commercial	Very High	2A	(9)
66	Penrose Village	Human	Residential	Very High	2A	(10)
67	Penrose Rd Penrose North Isolated	Human	Residential	Very High	2A	(11)
68	Kirikkee School Camp	Human	Special Fire	Very High	2A	T111
69	Bundanoon Public School/Special Care	Human	Special Fire	Very High	2A	T110
70	Murrimba Rd Wingello Isolated	Human	Residential	Very High	2A	(12)
111	Southern Railway	Economic	Infrastructure	Very High	2A	T191
150	Santi Forest Monastery	Economic	Tourist and	High	3A	T217
153	Bundanoon Residential	Human	Residential	High	3A	(13)
154	Isolated rural properties near Yulle Ave	Human	Residential	High	3A	(14)
155	Bundanoon Isolated Properties	Human	Residential	High	3A	(15)
181	NSP - Penrose RFB Station	Human	Other	High	3A	T193
203	Green Valley Sand Mine	Economic	Mines	High	3A	T261
228	Sewer Treatment Plant - Bundanoon	Economic	Infrastructure	High	3A	T212
233	Solar Springs Health Retreat	Human	Other	High	3A	T101
244	NSP- Wingello CBD	Human	Other	High	3A	T193
247	NSP- Bundanoon Oval	Human	Other	High	3A	T193
324	Sewer Pump Station - Bundanoon	Economic	Infrastructure	High	3D	T212
387	Teutis Road, Penrose	Economic	Infrastructure	Medium	4	T287
388	Kareela Road, Penrose Road,	Economic	Infrastructure	Medium	4	T287
389	Murrimba Road, Bumballa Road,	Economic	Infrastructure	Medium	4	T287

- (1):T84,85,93,94  
(2):T142;100;101  
(3):T142;100;101  
(4):T143;102;104  
(5):T144;145;146  
(6):T144;145;146  
(7):T144;145;146;164  
(8):T143;102;104  
(9):T102;104;153  
(10):T143;102;104  
(11):T143;102;104  
(12):T146;145;144  
(13):T237;101;142;272  
(14):T237;101;142  
(15):T237;222;101;142;273

## Bundanoon - Map Display Area

Map 7 of 14

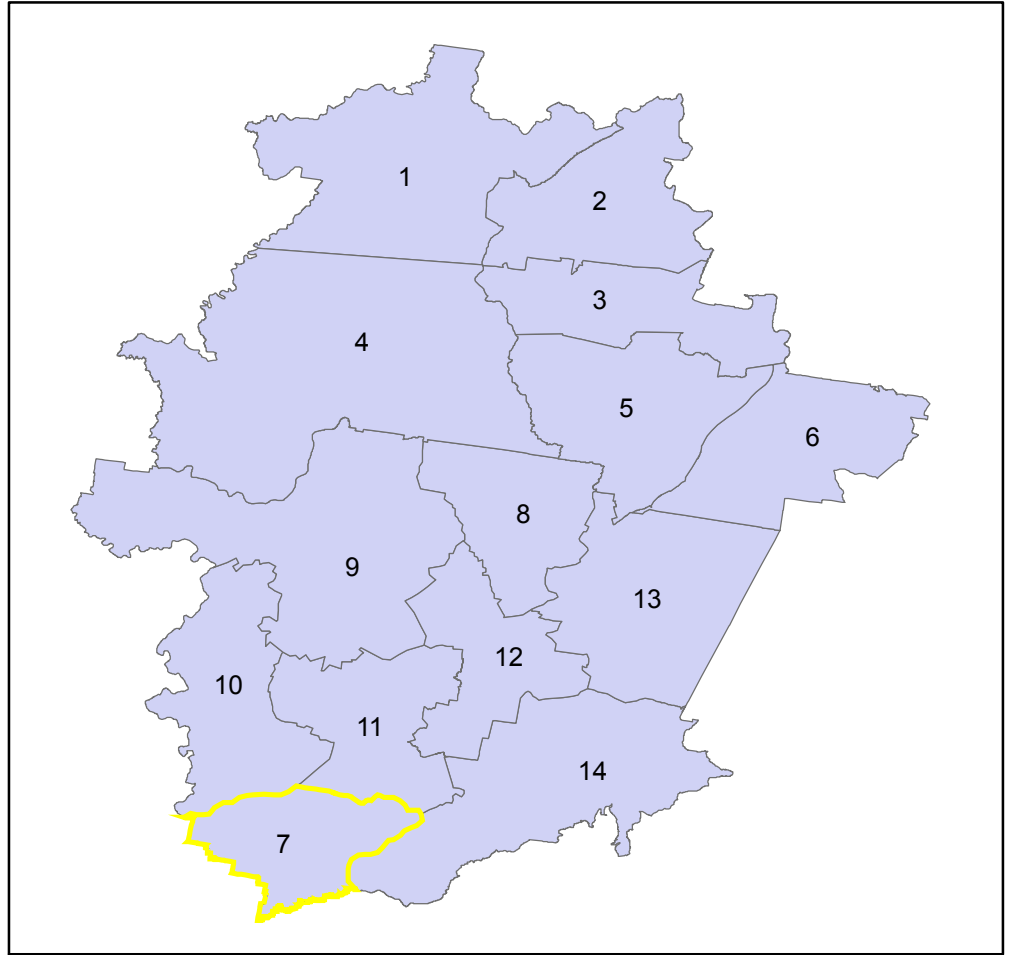
This Bush Fire Risk Management Plan (BFRMP) has been prepared by the Wingecarbee/Wollondilly Bush Fire Management Committee (BFMC) pursuant to section 52 of the Rural Fires Act 1997.

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:

- reduce the number of human-induced bush fire ignitions that cause damage to life, property or the environment;
- 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 Wingecarbee/Wollondilly BFMC, covering the local government area(s) of Wingecarbee and Wollondilly. 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 Wingecarbee/Wollondilly 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 Wingecarbee/Wollondilly 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 Wingecarbee/Wollondilly 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 S&S 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
<b>Asset Protection Zone</b>	To protect human life, property and highly valued public assets and values.	To enable the safe use of <b>Direct Attack</b> suppression strategies within the zone. To minimise bush fire impacts on undefended assets.	As per RFS document <b>Standards for Asset Protection Zones</b> .
<b>Strategic Fire Advantage Zone</b>	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 <b>Parallel Attack</b> suppression strategies within the zone, and/or <b>Indirect Attack</b> (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: <ul style="list-style-type: none"><li>- Topography</li><li>- Aspect</li><li>- Spotting propensity</li><li>- Location of adjacent fire breaks</li><li>- Mosaic pattern of treatment</li><li>- Assess Overall Fuel Hazard (OFH) once vegetation communities reach minimum fire thresholds within this plan.</li><li>- Management practices should aim to achieve mosaic fuel reduction patterns so that the majority of the SFAZ has an OFH of less than high.</li></ul>
<b>Land Management Zone</b>	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.
<b>Fire Exclusion Zone</b>	To exclude bush fires.	N/A	Variable dependant on size of fire sensitive area requiring protection.

**Disclaimer**  
The Wingecarbee/Wollondilly BFMC makes every effort to ensure the quality of the information available on this map. Before relying on the information on this map, users should carefully evaluate its accuracy, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances.

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Date created: Friday, 28 April 2017

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