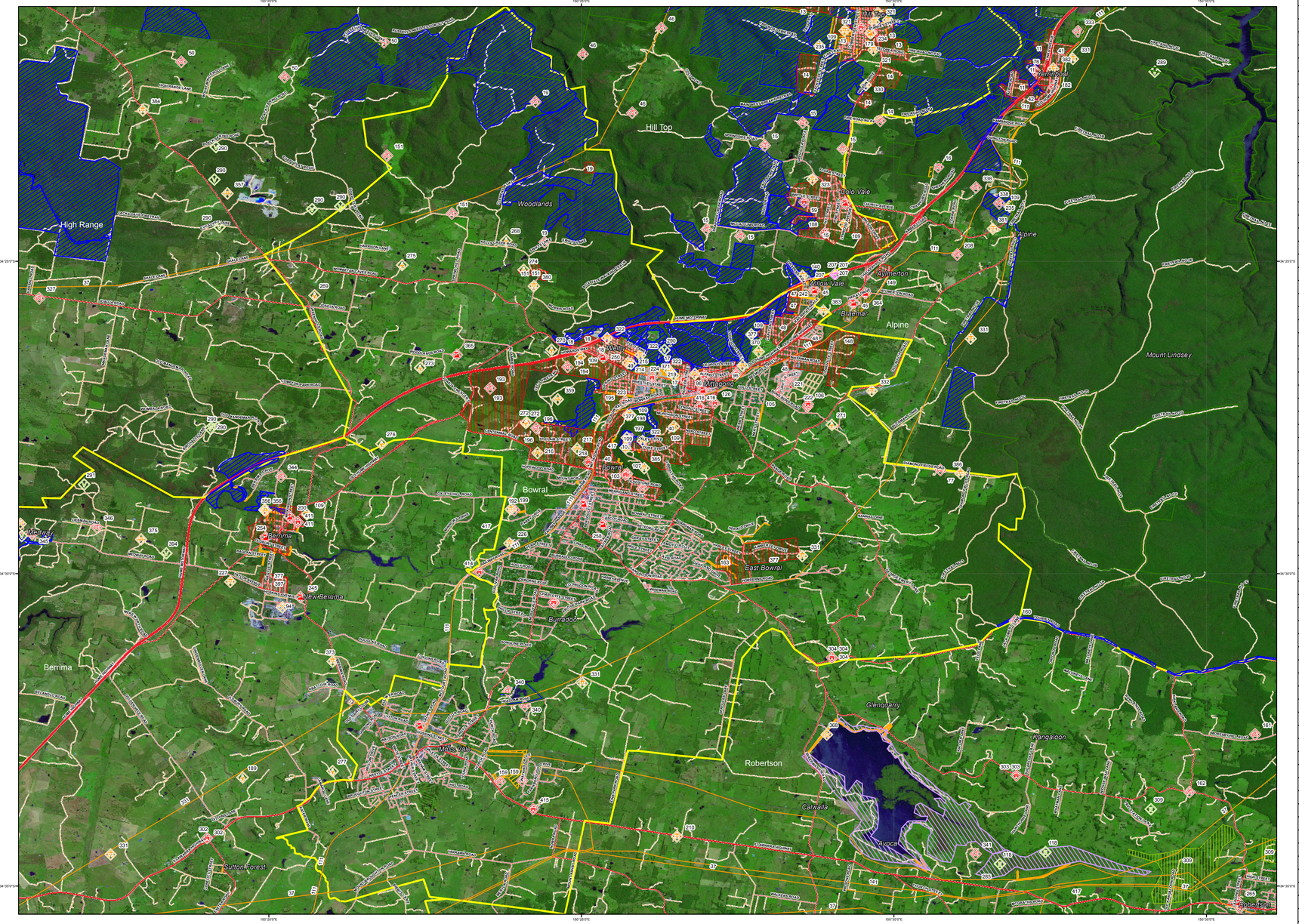

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Assets

- Human - Residential
- Human - Other
- Special Fire Protection
- Economic - Agricultural
- Economic - Commercial
- Economic - Infrastructure
- Economic - Tourism and Recreational
- Economic - Mines
- Commercial Forests
- Drinking Water Catchments
- Environmental - Locally Important
- Environmental - Vulnerable (Species)
- Environmental - Endagered (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
- 4WD Track Unspecified
- Path
- Heavy Rail
- Light Rail
- Heavy Rail Siding
- Drainage Perennial
- Drainage Non Perennial
- Hydro-Line Perennial
- Hydro-Line Non Perennial
- Contour (100m)
- Contour (10m)
- Map Display Area
- Local Government Area
- Crown Land
- State Forests
- National Park

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

Treatments

ID	Treatment strategy	Action	Agencies (Support)
T43	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (Private, RFS)
T44	Community Education	Conduct Community Engagement	RFS (OEH, Private)
T45	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (TI CL, LGA)
T46	Community Education	Conduct Community Engagement	FRNSW (LGA)
T47	Hazard Reduction	Conduct Hazard Reduction Burning	LGA, Wingecarribee Council
T49	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee Council
T73	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee Council
T74	Preparedness	Maintain fire trails	LGA, Wingecarribee Council
T75	Hazard Reduction	Conduct Hazard Reduction Burning	LGA, Wingecarribee Council
T80	Preparedness	Maintain fire trails	LGA, Wingecarribee Council
T99	Community Education	Conduct Community Engagement	FRNSW (LGA)
T106	Community Education	Conduct Community Engagement	RFS (OEH, Private)
T107	Hazard Reduction	Conduct Hazard Reduction Burning	Private (RFS)
T108	Community Education	Conduct Community Engagement	RFS (Private)
T109	Community Education	Conduct Community Engagement	FRNSW, RFS
T137	Preparedness	Maintain fire trails	LGA, Wingecarribee Council
T139	Hazard Reduction	Conduct Hazard Reduction Burning	OEH (RFS)
T149	Preparedness	Maintain fire trails	OEH
T151	Community Education	Conduct Community Engagement	FRNSW (LGA, Private)
T152	Hazard Reduction	Conduct Hazard Reduction Burning	TI CL (FRNSW, Private, RFS)
T167	Hazard Reduction	Conduct Hazard Reduction Burning	RFS (Private)
T174	Hazard Reduction	Conduct Hazard Reduction Burning	FRNSW (Private, RFS)
T175	Community Education	Conduct Community Engagement	FRNSW (Private)
T176	Preparedness	Maintain fire trails	Private (RFS)
T179	Hazard Reduction	Conduct Hazard Reduction Burning	LGA, Wingecarribee Council
T180	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee Council

Treatments

ID	Treatment strategy	Action	Agencies (Support)
T185	Community Education	Conduct Community Engagement	FRNSW
T190	Hazard Reduction	Inspect APZ annually and maintain as required	LGA
T191	Ignition Management	Report all Fires to 000	ARTC
T193	Hazard Reduction	Maintain fuels in accordance with Guidelines	LGA, RFS, Wingecarribee Council
T212	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wollondilly Council
T215	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee Council (RFS)
T216	Community Education	Conduct Community Engagement	RFS (Private, DPI)
T220	Hazard Reduction	Conduct Hazard Reduction Burning	Private (RFS)
T221	Community Education	Conduct Community Engagement	RFS (Private)
T258	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee Council
T259	Hazard Reduction	Conduct Hazard Reduction burning	LGA, Wingecarribee Council (RFS)
T260	Ignition Management	Lock gates and perform regular patrols	LGA, Wingecarribee Council
T264	Hazard Reduction	Inspect APZ annually and maintain as required	Private (RFS)
T265	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee Council
T266	Community Education	Conduct Community Engagement	FRNSW (Private, RFS)
T271	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee
T287	Hazard Reduction	Inspect APZ annually and maintain as required	LGA, Wingecarribee Council
T78	Community Education	Conduct Community Engagement	FRNSW (LGA)
T79	Community Education	Conduct Community Engagement	FRNSW (LGA)
T311	Community Education	Conduct Community Engagement	FRNSW (Private)
T312	Hazard Reduction	Inspect SFAZ & maintain as required	OEH

Assets

Map Ref	Asset name	Asset type	Subtype	Risk level	Priority	Treatment
10	Mt Gibraltar Communication Towers	Economic	Infrastructure	Extreme	1B	T47;49
17	Sunset Point Drive, Mittagong	Human	Residential	Extreme	1B	(1)
18	Welby/ Boxvale Residential	Human	Residential	Extreme	1B	(2)
19	Crags & Kells Creek - Woodlands	Human	Residential	Extreme	1B	(3)
40	Mt Gibraltar Mittagong - residential	Human	Residential	Very High	2A	(4)
47	Rural residential- Braemar	Human	Residential	Very High	2A	(5)
48	Willow Vale/Balaclava Residential	Human	Residential	Very High	2A	(6)
49	Mittagong Commercial Complex	Economic	Commercial	Very High	2A	(7)
77	Diamond Fields Rd Mittagong Isolated	Human	Residential	Very High	2A	(8)
96	Leopold St, Mittagong	Human	Residential	Very High	2A	(9)
102	Mittagong Caravan Park	Human	Special Fire	Very High	2A	T185
103	Gib Preschool	Human	Special Fire	Very High	2A	T109
105	Tangara School	Human	Special Fire	Very High	2A	T109
106	Highlands School	Human	Special Fire	Very High	2A	T109
107	Mt Gibraltar Pre School	Human	Special Fire	Very High	2A	T109
109	Water Reservoirs	Economic	Commercial	Very High	2A	T190
111	Southern Railway	Economic	Infrastructure	Very High	2A	T191
126	Frensham School	Human	Special Fire	Very High	2A	T109
148	Rural Properties- Balaclava	Human	Residential	High	3A	T46;73;43
151	Kells Ck Rd, Woodlands Rural	Human	Residential	High	3A	(10)
159	Throsby Park HS Residential	Human	Residential	High	3A	T106
163	Mansfield Reserve Residential	Human	Residential	High	3A	T258
192	Oxley Hill, Bowral	Human	Residential	High	3A	T99;271
193	Gibbergunyah Reserve West	Human	Residential	High	3A	T259;80;46
194	Gibbergunyah Reserve North	Human	Residential	High	3A	T259;80;46
195	Gibbergunyah Reserve East Residential	Human	Residential	High	3A	T259;80;46
196	Gibbergunyah Reserve South	Human	Residential	High	3A	T259;80;46
197	Mt Gibraltar Lookout	Economic	Tourist and	High	3A	T260
198	Mt Gibraltar Water Assets	Economic	Infrastructure	High	3A	T47;49
199	Oxley Hill Communication Tower	Economic	Infrastructure	High	3A	T264
213	Mittagong Swimming Pool & Rec Centre	Economic	Tourist and	High	3A	T265
214	Welby Garden Centre	Economic	Commercial	High	3A	T151
216	Peppers Craigieburn	Economic	Tourist and	High	3A	T266
217	Bowral Golf Course	Economic	Tourist and	High	3A	T266
218	Kazcare School Facility	Human	Special Fire	High	3A	T109
219	Mittagong Public School	Human	Special Fire	High	3A	T109
220	St Michaels School	Human	Special Fire	High	3A	T109
221	Renwick Estate	Human	Residential	High	3A	T151
222	Tangara/ Highlands School	Human	Special Fire	High	3A	T109
223	Gib Gate	Human	Special Fire	High	3A	T109
224	Gibbergunyah Pre School	Human	Special Fire	High	3A	T109
246	NSP- Winfred Park	Human	Other	High	3A	T193
250	NSP- Welby Hall	Human	Other	High	3A	T193
258	NSP- Loseby Pk, Bowral	Human	Other	High	3A	T193
259	NSP- Lackey Oval Moss Vale	Human	Other	High	3A	T193
260	NSP- Bowral CBD	Human	Other	High	3A	T193
268	Winery - Tertini Wines	Economic	Agricultural	High	3A	T216
269	Winery - Joadja Vineyards	Economic	Agricultural	High	3A	T216
270	Winery - Artemis Wines	Economic	Agricultural	High	3A	T216
271	Winery - Marist Wines	Economic	Agricultural	High	3A	T216
272	Winery - Centennial Vineyards	Economic	Agricultural	High	3A	T216
273	Winery - Meadowcroft Wines	Economic	Agricultural	High	3A	T216
274	Winery - Bou-Saada	Economic	Agricultural	High	3A	T216
275	Winery - McVitty Grove	Economic	Agricultural	High	3A	T216
276	Winery - Bendooley Estate	Economic	Agricultural	High	3A	T216
304	Glenquarry Public School	Human	Special Fire	High	3A	T109
322	Sewer Pump Stations - Mittagong	Economic	Infrastructure	High	3D	T212
340	Cecil Hoskins NR Burradoo - residential	Human	Residential	Medium	4	T78;312
359	Gibbergunyah Recreation	Economic	Tourist and	Medium	4	T260
365	Woodlands RFB Station	Human	Other	Medium	4	T215
370	Mittagong Golf Club	Economic	Tourist and	Medium	4	T311
371	Irons Mine Oval	Economic	Tourist and	Medium	4	T265
372	Lake Alexandra Picnic area	Economic	Tourist and	Medium	4	T265
374	Bowral North	Human	Residential	Medium	4	(11)
380	Kells Creek Road, Woodlands	Economic	Infrastructure	Medium	4	T287
386	Diamond Fields Road, Mittagong	Economic	Infrastructure	Medium	4	T287
413	Chevalier College	Human	Special Fire	Low	NA	T109
414	Oxley College	Human	Special Fire	Low	NA	T109
415	Tudor House School	Human	Special Fire	Low	NA	T109
416	Mittagong Pre School	Human	Special Fire	Low	NA	T109

(1):T46;75;73;74

(2):T45;46;73;74;75

(3):T43;44;80;45

(4):T137;47;99;49

(5):T74;46;45;43

(6):T74;45;46;73

(7):T151;152;73;179;80

(8):T139;149;107;108

(9):T176;75;73;174;175;74

(10):T176;220;221;167;80

(11):T80;179;79;180

Bowral - Map Display Area

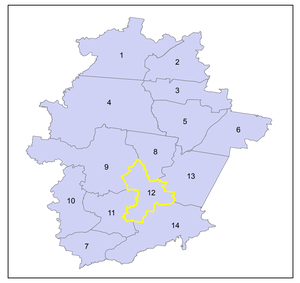
Map 12 of 14

This Bush Fire Risk Management Plan (BFRMP) has been prepared by the Wingecarribee/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 Wingecarribee/Wollondilly BFMC, covering the local government area(s) of Wingecarribee 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 Wingecarribee/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 reponsibilities 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 Wingecarribee/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 Wingecarribee/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 S52 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** supression strategies within the zone. To minimise bush fire impacts on undefended assets.	As per RFS document *Standards for Asset Protection Zones.*
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 boudnaries.	To improve the likelihood and safe use of: **Parallel Attack** suppression strategies within the zone. and/or **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.	N/A	Variable dependant on size of fire sensitive area requiring protection.

Disclaimer
The Wingecarribee/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: Wednesday, 26 April 2017

BFRP version 2.1.20.0