

Map Ref	Asset name	Asset type	Subtype	Risk level	Priority	Treatment
37	Cumbebin Swamp Interface	Human	Residential	Extreme	1A	(1)
38	SFPDs adjacent to Cumbebin Swamp	Human	Special Fire	Extreme	1A	T60,62,157
40	Arakwal Interface SFPDs	Human	Special Fire	Extreme	1A	T62,111
44	Broken Head	Human	Residential	Extreme	1A	T113
NA	Site Group Three Sites	Cultural	Aboriginal	Extreme	1B	T117,161
NA	Byron Shire Coastal Tourism Industry	Economic	Tourist and	Extreme	1B	(2)
7	Multiple Occupancies	Human	Residential	Extreme	1B	T4,8,160
8	Skinner's Shoot	Human	Residential	Extreme	1B	T151
60	Cape Byron SFPDs	Human	Special Fire	Extreme	1B	T62,64,72
NA	Olongburra Frog	Environment	Vulnerable	Extreme	1C	T147,148
NA	Byron Bay Duris	Environment	Endangered	Extreme	1C	T148,93,92
35	Suffolk Park	Human	Residential	Extreme	1C	T2,135
39	Arakwal Interface	Human	Residential	Extreme	1C	T111,136
36	Suffolk Park SFPDs	Human	Special Fire	Very High	2A	T2,54,62
41	North Byron SFPDs	Human	Special Fire	Very High	2A	T58,60
42	Sunrise Beach Area	Human	Residential	Very High	2A	T58,80,109
43	Broken Head Tourist Facilities	Human	Special Fire	Very High	2A	T62
47	Communications Towers Tweed, Byron	Economic	Infrastructure	Very High	2A	T146
45	Bundaleer Retreat	Human	Special Fire	High	3A	T39,103
59	Cape Byron Interface	Human	Residential	High	3A	T64
73	Byron WWTPs	Economic	Commercial	High	3A	T124
NA	Byron Shire Hinterland Tourism Industry	Economic	Tourist and	High	3B	T2,62
127	Baywood Chase	Human	Residential	Medium	4	T142
128	Sunrise Industrial Estate	Human	Other	Medium	4	T58,80,33
133	Emigrant Creek Dam	Economic	Infrastructure	Medium	4	T165
139	Bangalow Industrial Estate	Human	Other	Low	NA	T33
157	Linnaeus Retreat	Human	Residential	Low	NA	T5
173	NSP: Byron Bay Golf Club	Human	Other	Low	NA	T166
174	NSP: Byron Bay Surf Club	Human	Other	Low	NA	T166
175	NSP: Byron Regional Sport and Cultural	Human	Other	Low	NA	T166
176	NSP: Council Depot and Training	Human	Other	Low	NA	T166

(1) T160,63,126,127
(2) T157,2,60,62,111

Far North Coast BFMC Bush Fire Risk Management Plan 2017

Byron Bay and Hinterland - Map Display Area

Map 7 of 8

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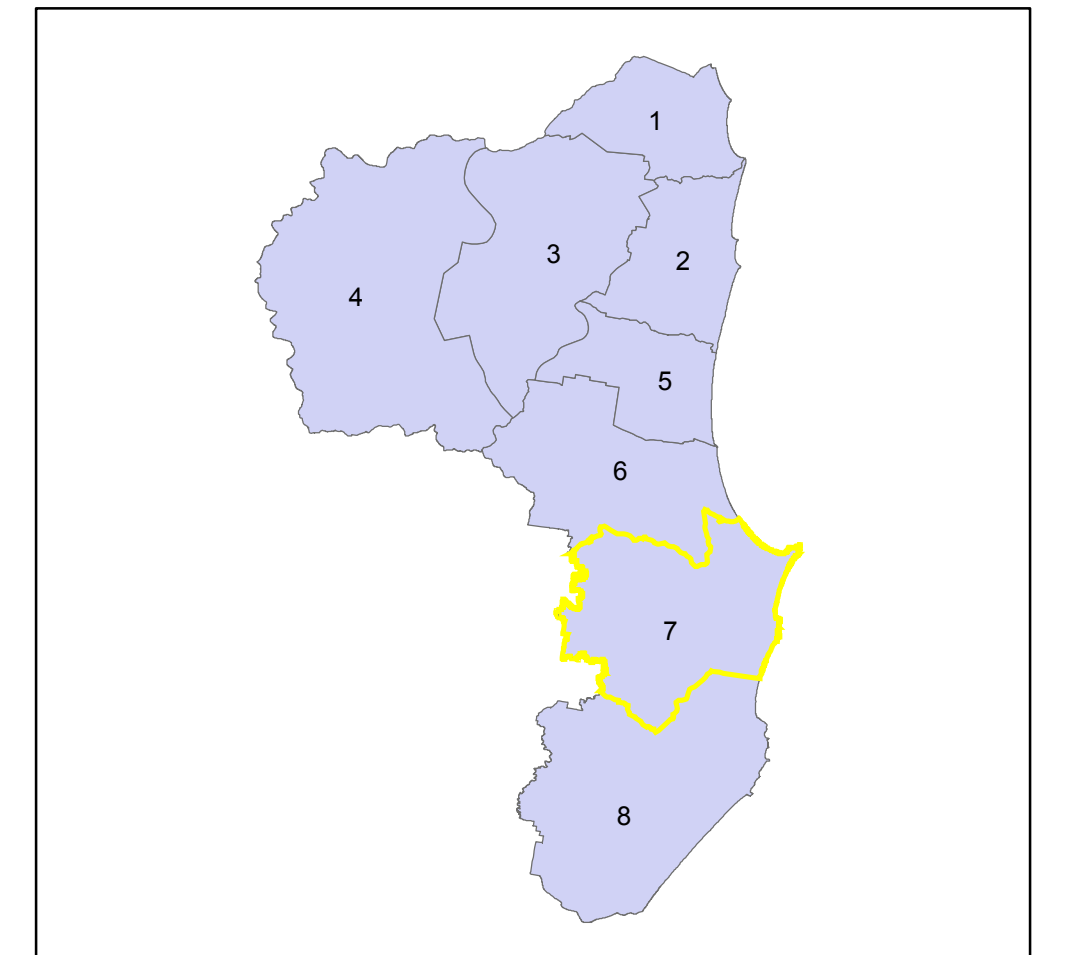
This Bush Fire Risk Management Plan (BFRMP) has been prepared by the Far North Coast Bush Fire Management Committee (BFMC) pursuant to section 52 of the Rural Fires Act 1997.

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 Far North Coast BFMC, covering the local government areas of Ballina, Byron and Tweed. 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 Far North Coast 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 Far North Coast 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 Far North Coast 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
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 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 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 for spot fire - 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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Authorized by _____ of Far North Coast BFMC.
Date created: Tuesday, 18 April 2017

ID	Treatment strategy	Action	Agencies (Support)
T60	Hazard Reduction	Maintain Strategic Fire Advantage Zone	ARTC
T62	Community Education	Disseminate Community Education Materials	FRNSW, RFS (LGA, OEH)
T63	Property Planning	Develop a Community Protection Plan	RFS (TI CL, LGA, OEH, FRNSW, Private)
T92	Ignition Management	Attempt to exclude fire from habitat	TI CL, LGA, OEH, FRNSW, Private
T111	Property Planning	Implement APZ and SFAZ	TI CL, LGA, OEH (FRNSW, RFS)
T113	Community Education	Initiate community engagement with residents.	RFS (RFS)
T126	Community Education	Undertake Community Engagement Activity	FRNSW, RFS (LGA, OEH, NCC)
T127	Property Planning	Implement Community Protection Plan	TI CL, LGA, OEH, ARTC (FRNSW, Private)
T148	Preparedness	Avoid ground disturbance in known locations	TI CL, LGA, OEH, Private (FRNSW, RFS)
T157	Property Planning	Develop a Community Protection Plan	RFS (TI CL, LGA, OEH, FRNSW, Private)
T2	Hazard Reduction	Maintain an Asset Protection Zone on the	TI CL, OEH, Private
T4	Property Planning	Create pre-incident plans	Private (TI CL, LGA, OEH, RFS)
T8	Community Education	Distribute community education material	LGA, RFS
T64	Property Planning	Maintain APZ and SFAZ	OEH (TI CL, LGA, FRNSW)
T72	Property Planning	Maintain improved access for Fire Appliances	LGA
T93	Community Education	Disseminate community engagement materials	TI CL, LGA, OEH
T117	Hazard Reduction	Implement AHIMS Management Conditions	TI CL, LGA, OEH, FRNSW, Private
T151	Community Education	Conduct a Firewise Street Meeting	RFS (LGA)
T160	Hazard Reduction	Maintain an APZ adjacent to assets at risk	Private (TI CL, LGA, RFS)
T161	Hazard Reduction	Maintain APZ and SFAZ	Local Aboriginal Land Councils
T135	Community Education	Community Engagement	FRNSW (LGA, OEH, RFS)
T136	Community Education	Community Engagement	FRNSW (LGA, OEH, RFS)
T147	Hazard Reduction	Implement appropriate fire regimes	TI CL, LGA, OEH, Private, RMS,
T39	Community Education	Maintain Community Firewise Activities	LGA, RFS
T54	Community Education	Maintain Schools community education program	FRNSW, RFS
T58	Hazard Reduction	Maintain Strategic Fire Advantage Zone	TI CL, LGA, OEH, Private (RFS)

ID	Treatment strategy	Action	Agencies (Support)
T109	Hazard Reduction	Maintain an APZ on the interface	LGA, Private
T146	Hazard Reduction	Maintain APZ surrounding asset	CA, TI CL, LGA, OEH, Private
T5	Hazard Reduction	Implement Strategic Fire Advantage Zones	TI CL, LGA, Private (FRNSW, RFS)
T33	Community Education	Annual Media Release	LGA, FRNSW, RFS
T103	Property Planning	Create pre-incident plans	RFS
T124	Hazard Reduction	Slash Asset Protection Zones	LGA
T142	Community Education	Community Engagement	FRNSW (LGA, RFS)
T165	Hazard Reduction	Maintain an Asset Protection Zone	Rous Water
T166	Hazard Reduction	Maintain fuels in accordance with Guidelines	TI CL, LGA, Private (RFS)

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 Station
- 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