

Far North Coast BFMC Bush Fire Risk Management Plan 2017

Nth Byron Shire and SE Tweed - Map Display Area

Map 5 of 8

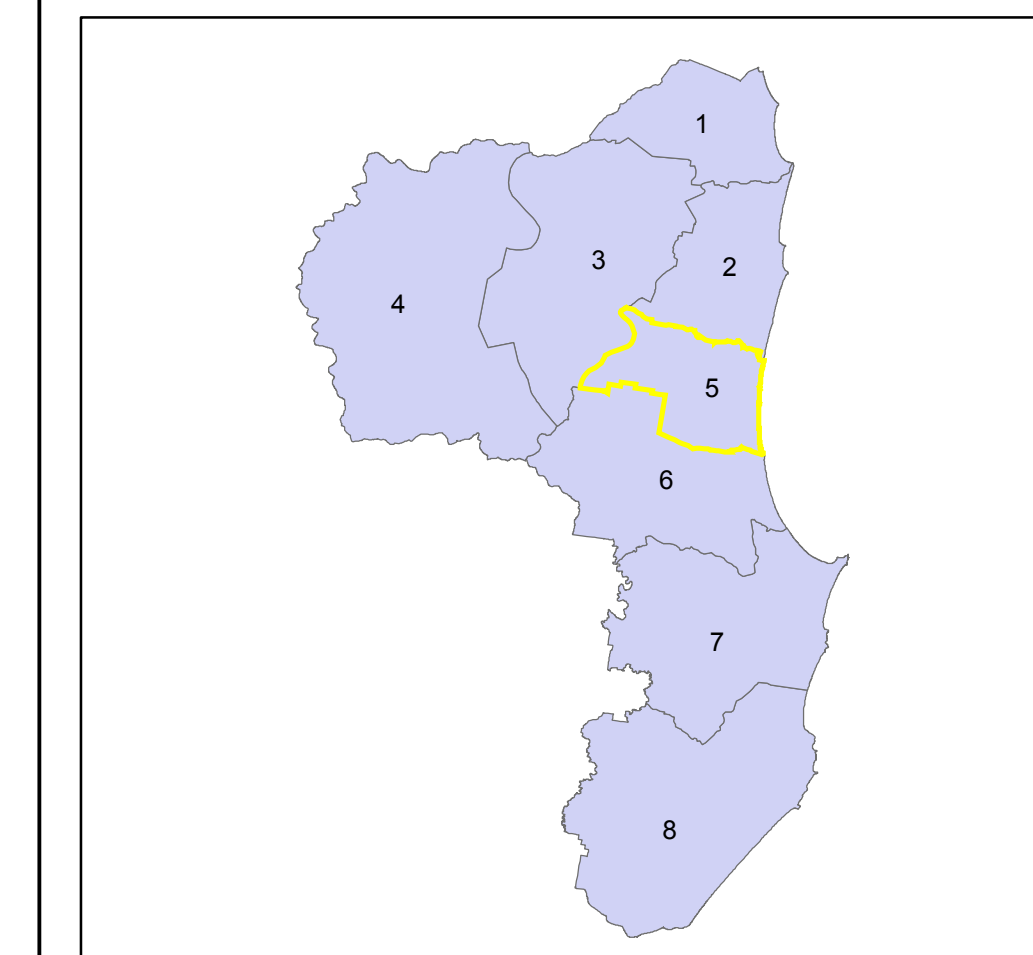
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This Bush Fire Risk Management Plan (BFRMP) has been prepared by the Far North Coast Bush Fire Management Committee (BFMC) pursuant to section 52 of the *Rural Fires Act 1997*.

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 causes;
- 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.

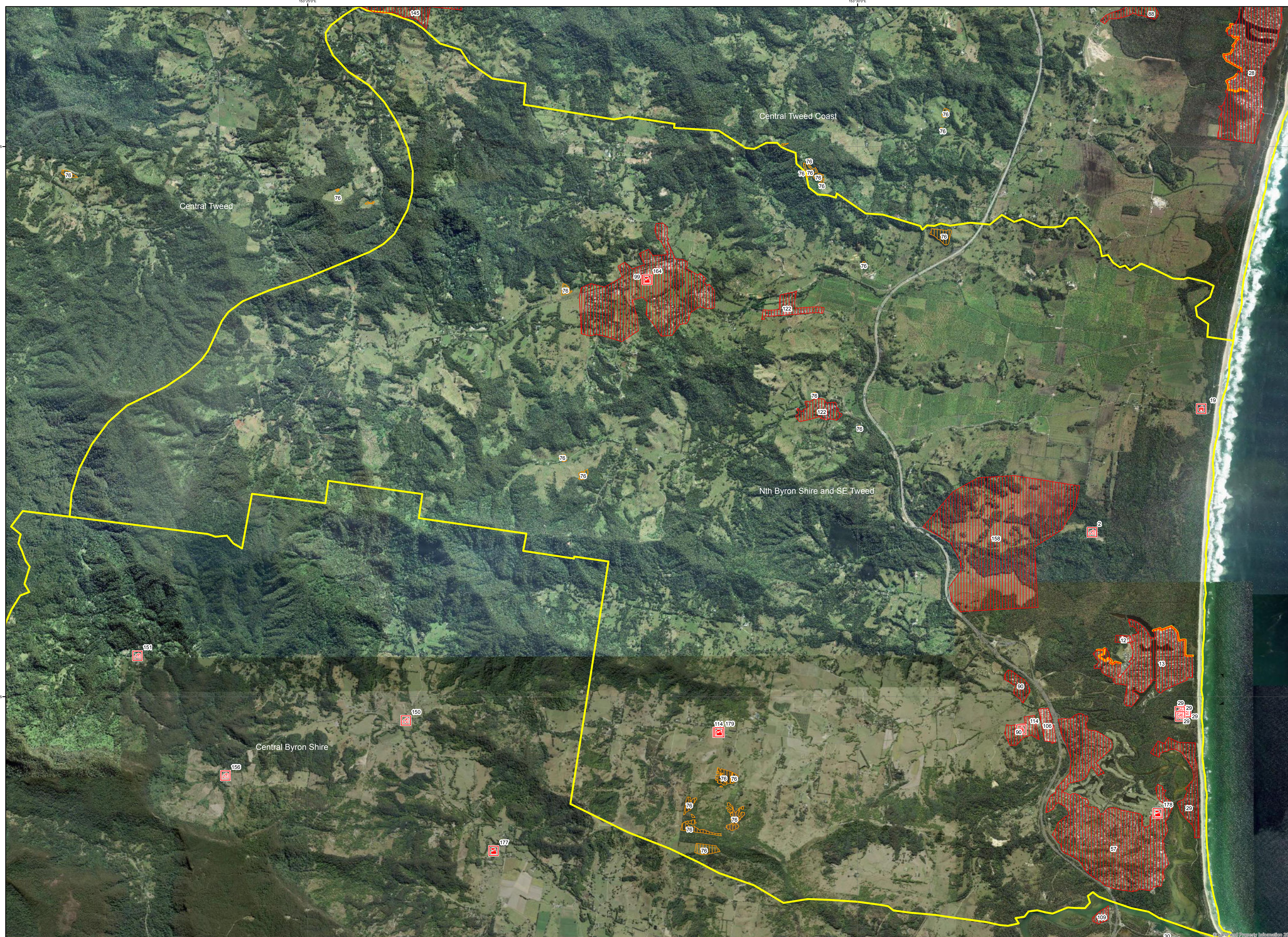
Zone	Purpose	Suppression	Zone
Asset Protection Zone	To protect human life, property and highly valued public assets and values.	To enable the safe use of Direct Attack suppression strategies within the zone. To minimise bush fire impacts on undefended assets.	As per RFS document <i>Standards for Asset 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. 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.	To reduce the likelihood of spread of fires. To undertake mosaic burning.	As appropriate to achieve land management and fire protection objectives of the responsible land management agency. To reduce the likelihood of spread of fires. To undertake mosaic burning.
Fire Exclusion Zone	To exclude bush fires.	N/A	Variable dependant on size of fire sensitive area requiring protection.

Disclaimer
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Authorized by _____ of Far North Coast BFMC.
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BFRMP version 2.1.26.0

Map Ref	Asset name	Asset type	Subtype	Risk level	Priority	Treatment
NA	Byron Shire Coastal Tourism Industry	Economic	Tourist and	Extreme	1B	(1)
2	Jones Road Yelgun	Human	Residential	Extreme	1B	T158;159
13	North Ocean Shores	Human	Residential	Extreme	1C	T69;2;84
29	New Brighton	Human	Residential	Extreme	1C	T64
NA	Harmeria hygrophiloides	Environment	Endangered	Very High	2A	T147
NA	Tweed Shire Coastal Tourism Industry	Economic	Tourist and	Very High	2A	T2;62
NA	Native Justicia	Environment	Endangered	Very High	2A	T93;147
12	Ocean Shores PS	Human	Special Fire	Very High	2A	T162;84;54
19	Wooyung Caravan Park	Human	Special Fire	Very High	2A	T62
57	Ocean Shores	Human	Residential	Very High	2A	T107;137
NA	Traffic on Major Roads	Economic	Infrastructure	Very High	2C	T121
NA	Banana Farms	Economic	Agricultural	Very High	2C	T33;120
NA	Hinterland Rural Dwellings on Forested	Human	Residential	High	3A	T33;81;5;41
158	North Byron Parklands	Human	Special Fire	High	3A	T145
NA	Byron Shire Hinterland Tourism Industry	Economic	Tourist and	High	3B	T2;62
NA	Wooyung Area	Human	Residential	High	3D	T83;160
NA	Rural Areas Grassland and Camphor	Human	Residential	Medium	4	T21
90	Billinudgel	Human	Residential	Medium	4	T33
99	Burrinjagar Village	Human	Residential	Medium	4	T90
106	Billinudgel Industrial Estate	Human	Other	Medium	4	T33
122	Crabbes Creek and Mooball Villages	Human	Residential	Medium	4	T140
164	NSP: Tom O'Connor Reserve	Human	Other	Low	NA	T166
178	NSP: Ocean Shores Country Club	Human	Other	Low	NA	T166
179	NSP: The Pocket Primary School	Human	Other	Low	NA	T166

(1):T157;2;60;62;111



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)
T111	Property Planning	Implement APZ and SFAZ	TI CL, LGA, OEH (FRNSW, RFS)
T157	Property Planning	Develop a Community Protection Plan	RFS (TI CL, LGA, OEH, FRNSW, RFS)
T2	Hazard Reduction	Maintain an Asset Protection Zone on the	TI CL, OEH, Private
T64	Property Planning	Maintain APZ and SFAZ	OEH (TI CL, LGA, FRNSW)
T93	Community Education	Disseminate community engagement materials	TI CL, LGA, OEH
T158	Property Planning	Maintain APZ and SFAZ	OEH (TI CL, LGA, RFS)
T159	Community Education	Conduct a Firewise Street Meeting	RFS (LGA, OEH)
T160	Hazard Reduction	Maintain an APZ adjacent to assets at risk	Private (TI CL, LGA, RFS)
T69	Community Education	Conduct a Firewise Street Meeting	FRNSW (LGA, OEH, RFS)
T84	Property Planning	Create and implement a Community Protection	RFS (TI CL, LGA, OEH, FRNSW)
T147	Hazard Reduction	Implement appropriate fire regimes	TI CL, LGA, OEH, Private, RMS,
T41	Preparedness	Maintain Fire Trails	TI CL, LGA, Private (RFS)
T54	Community Education	Maintain Schools community education program	FRNSW, RFS
T81	Hazard Reduction	Maintain an APZ adjacent to assets at risk	Private (TI CL, LGA, FRNSW, RFS)
T83	Preparedness	Maintain Fire Trails	LGA, OEH, Private (RFS)
T107	Property Planning	Review Fire Management Plan	LGA (FRNSW, RFS)
T137	Community Education	Community Engagement	FRNSW (LGA, RFS)
T162	Hazard Reduction	Maintain an Asset Protection Zone on the	Dept Education (TI CL, Private)
T5	Hazard Reduction	Implement Strategic Fire Advantage Zones	TI CL, LGA, Private (FRNSW, RFS)
T33	Community Education	Annual Media Release	LGA, FRNSW, RFS
T120	Hazard Reduction	Issue Hazard Reduction Certificates	RFS (LGA)
T121	Property Planning	Maintain road closure procedures	RMS, Police
T145	Hazard Reduction	Maintain APZ's around assets and property	Private (LGA, OEH)
T21	Hazard Reduction	Maintain an Asset Protection Zone on the	Private (TI CL, LGA, OEH, FRNSW,

ID	Treatment strategy	Action	Agencies (Support)
T190	Community Education	Community Engagement	LGA, RFS
T140	Community Education	Community Engagement	LGA, RFS
T166	Hazard Reduction	Maintain fuels in accordance with Guidelines	TI CL, LGA, Private (RFS)