## **Northern Rivers Region Goonengerry National Park** Fire Management Strategy (Type 2) 2005

Sheet 1 of 1

This strategy should be used in conjunction with aerial photography and field reconnaissance during incidents and the development of incident action plans.

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**Operational Guidelines** 

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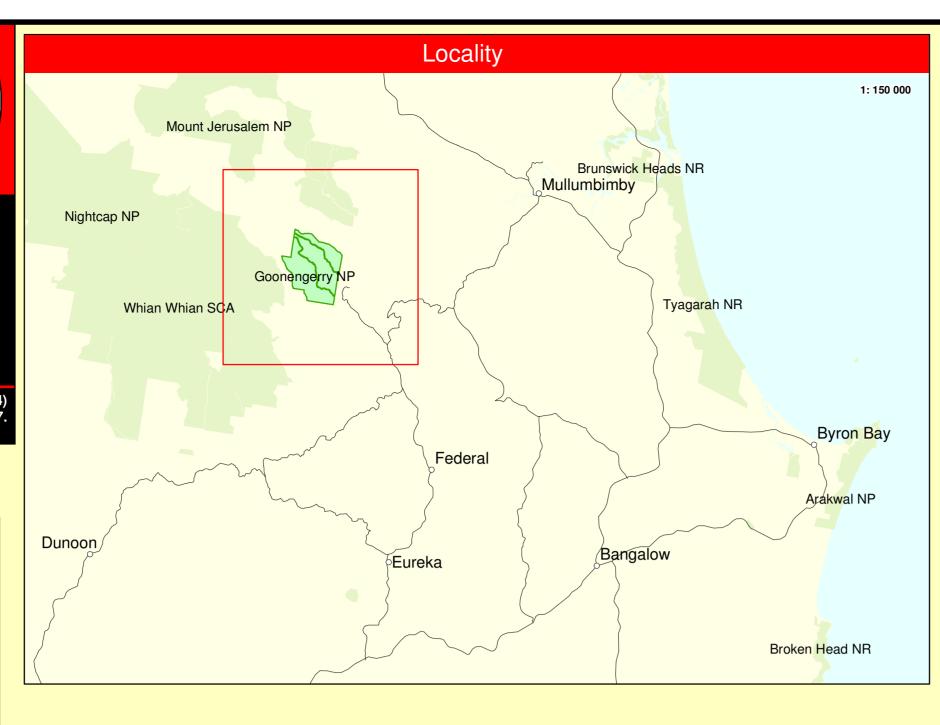
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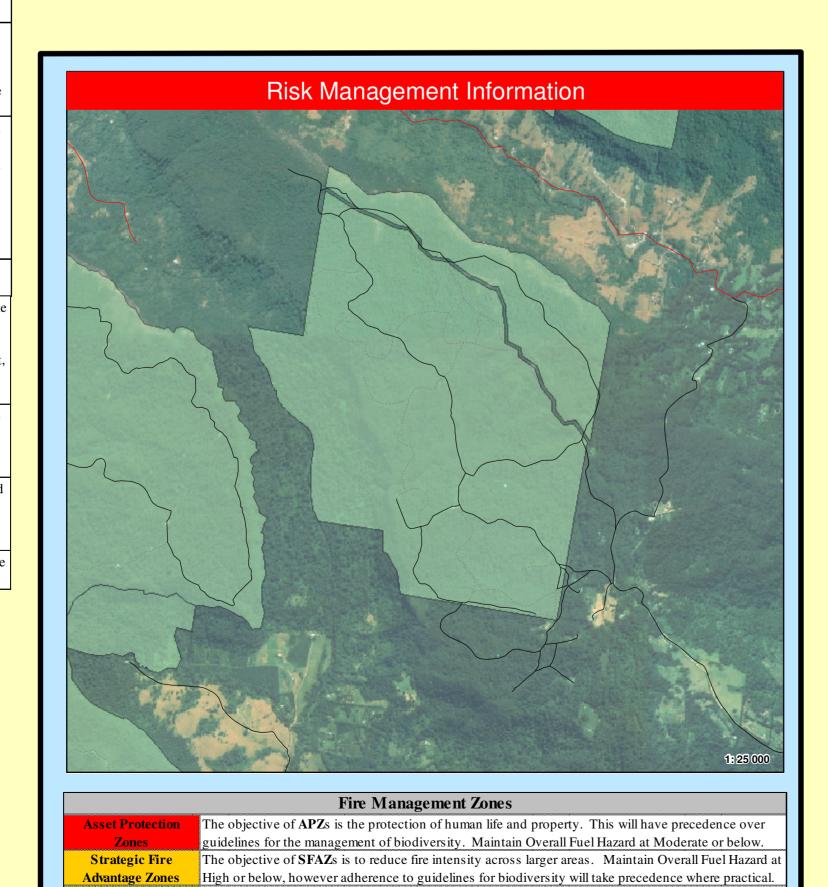
This strategy is a relevant Plan under Section 38 (4) and Section 44 (3) of Rural Fires Act 1997.

9.	Fire Management 2003 and Fire Management Manual 2004. involved in suppression operations on the following issues:			
Resource	Guidelines			
Aboriginal Cultural Heritage Site Management (NPWS FMM 4.11)	No known sites in Reserve. If new sites are located consult with a senior NPWS officer			
<b>Historic Heritage Management</b> (NPWS FMM 4.10)	<ul> <li>One site exists and is classified as HH2 – Protect site from fire. Avoid all ground disturbance including the use of earthmoving machinery, handline construction and driving over sites. This site is the 'Goonengerry State Forest Nursery and Picnic Area'</li> </ul>			
Threatened Fauna Management	Avoid impact on rainforest.			
(NPWS FMM 4.12 & 5.2)	Avoid impact on streams.			
	Protect large and hollow-bearing trees.			
Threatened Flora Management (NPWS FMM 4.12)	*			
Threatened Property	<ul> <li>Avoid impact on wet sclerophyll forest</li> <li>Property owners with assets at risk from a wildfire event should be</li> </ul>			
	kept informed regarding the progress of the fire; and asked for an assessment of their current level of asset protection preparedness.			
General	Guidelines			
Aerial Water Bombing (NPWS FMM 4.4 / NSW Fire Agencies Aviation SOPs O2 / NPWS Guidelines for Effective Aircraft Management)	Foam should be used to increase the effectiveness of water bombing.			
Aerial Ignition	Aerial ignition may be used during back-burning or fuel reduction			
(NPWS FMM 4.2.20 & 4.4 / NSW Fire Agencies Aviation SOPs O2-4 / NPWS Guidelines for Effective Aircraft Management)	<ul> <li>operations.</li> <li>Utilise incendiaries to rapidly progress back-burns down slope where required.</li> </ul>			
Backburning	Clear a 1m radius around dead and fibrous barked trees adjacent to			
(NPWS FMM 4.8)	containment lines prior to backburning, or wet down these trees as part of the backburn ignition.			
	Avoid ignition of backburns at the bottom of slopes where a long and intense up slope burn is likely.			
Command & Control (NPWS FMM 4.2)	• The first combatant agency on site may assume control of the fire, but then must ensure the NPWS is notified promptly.			
	On the arrival of other combatant agencies, the initial incident controller will consult with regard to the ongoing command, control and incident management team requirements as per the relevant BFMC Plan of Operations.			
Containment Lines (NPWS FMM 2.2 & 3.9)	<ul> <li>No new containment lines in rainforest.</li> <li>New containment lines require the prior consent of a senior NPWS officer.</li> </ul>			
	• Containment lines should be stabilised and rehabilitated as part of the wildfire suppression operation.			
<b>Earthmoving Equipment</b> (NPWS FMM 4.2.20 & 4.3)	• Earthmoving equipment may only be used with the prior consent of a senior NPWS officer.			
	• Earthmoving equipment must be always guided and supervised by an experienced officer, and accompanied by a support vehicle. When engaged in direct or parallel attack this vehicle must be a firefighting vehicle.			
	• Earthmoving equipment should be washed down prior to it entering NPWS estate.			
Fire Advantage Recording	All fire advantages used during wildfire suppression operations must be mapped and where relevant added to the database.			
Fire Suppression Chemicals (NPWS FMM 4.2.20 & 4.9)	The use of fire retardant is only permitted with the prior consent of the senior NPWS officer, and should be avoided where reasonable alternatives are available.			
	• Exclude the use of surfactants and retardants within 50m of rainforest, watercourses, dams and swamps.			
Rehabilitation (NPWS FMM 5.1)	Containment lines should be stabilised and rehabilitated as part of the wildfire suppression operation.			
· /	All re-opened and new containment lines not required for other purposes should be closed at the cessation of the incident.			
Smoke Management	If smoke becomes a hazard on local roads or highways, the police and			
(NPWS FMM 3.4)	<ul> <li>relevant media must be notified.</li> <li>Smoke management must be in accordance with relevant RTA traffic management guidelines.</li> </ul>			
Visitor Management	The reserve may be closed to the public during periods of extreme fire			
(NPWS FMM 3.6 & 4.13)	danger or during wildfire suppression operations.			

Communications Information							
Service	Channel	Location and Comments					
NPWS - VHF	8	Mt Nardi					
NPWS - VHF (Fireground Comms)	40	Fireground chat channel (single frequency) monitors channel 8					
NPWS - VHF (Portable Repeater)	13	Blue Code. Stored at Kyogle Depot / transportable.					
RFS – PMR – UHF (Koreelah)	68 / 48	Koonyum Range and Cape Byron					
RFS - GRN	-	No service available.					
CB – UHF	-	To be confirmed with RFS brigade captain on the day.					
Aircraft - VHF	125.45 MHz	Or as directed by Incident Controller or Air Operations					
Mobile Phone - CDMA	Partial	Coverage varies. Best reception at elevated points.					
Mobile Phone - GSM	No	No coverage					



			Strategy Information Fire Season Information		Index
Wildfires			Have been known to start as early as late August, but usually the potential for a large fire event is greatest between October and December. This period may extend into January in more severe years.  Coastal wind changes, especially southerlies, require close attention		
Prescribed Burning (NPWS Fire Manage	•	•	General season is Autumn to late Winter. Burning is possible in early Spring but not desirable on a regular basis from an ecological or tourism point of view.		
	_		Suppression Strategies		
Current FDR	Forecast FDR				Huonbrook
Low – Mod	Low – Mod	•	Undertake direct, parallel or indirect attack along existing containment lines.		95401N Byron LGA
		•	Where practicable consider maximising the fire area in accordance with the requirements of any proposed prescribed burns.		
Low – Mod	= > High	•	In order to minimise the fire area and secure the flanks as soon as possible, undertake direct, parallel or indirect attack along the closest containment lines.		
		•	Pay particular attention to the flank on the next predicted down wind side.		
High	All	•	Undertake indirect attack along existing or newly constructed containment lines.		Lismore LGA
		•	Secure and deepen containment lines along the next predicted downwind side of the fire.		
		•	If applicable consider broader than normal containment strategies to avoid wasted effort and high risk of failure.		
All	All	•	Ensure there is sufficient time to secure containment lines prior to the fire impacting upon them; otherwise fall back to the next potential line.		Dunoon 95401S
		•	Use existing containment lines. Do not construct new lines unless of vital importance for life and property protection.		1: 100 00
		•	Retain trees with hollows. Take steps to clear around base and or wet down trees with hollows that occur on the edge of containment lines.		<u></u>



ritage Management The objective of HMZs is to conserve biodiversity and protect cultural heritage. Manage fire

consistent with fire thresholds.



Projection: UTM

Datum: AGD 1966

Grid: AMG66 Zone 56J

Noted scales are true on A1 paper

Contour interval 10m

||||| Burnt 2003-04

||||| Burnt 2004-05

NPWS estate

Historic Site

Staging Area

M Gate - NPWS

A Hazard

Mate - non NPWS

Gate\_proposed

---- Primary (Cat 1)

— Not Classified

Walking track

Assume all gates locked

\_v\_\_\_ v Powerline

----- Closed

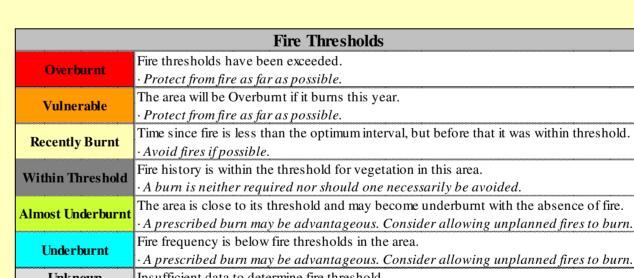
—— Secondary (Cat 9)

Burnt 2002-03

Threatened Property

WH Water Point Helicopter

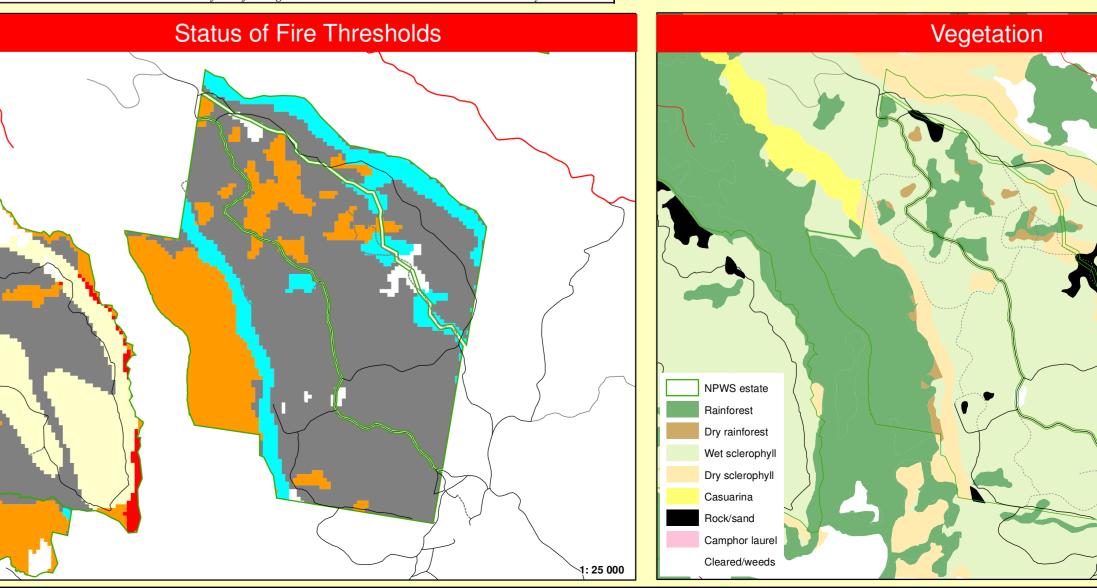
W Water Point Vehicle



Nightcap

Whian Whian SCA

Snows Gully NR



**Bushfire Suppression** 

Mount Jerusalem N

Goonengerry

**Contact Numbers** 

6627 0200

6627 0200

6628 3786

6627 0200

6632 3044

6624 5384

6684 2144

6684 3444

0414 243 966

000 / 13 1233

(AH) 6622 7022

NSW National Parks & Wildlife Service NRR Regional Office – Alstonville 24 hrs

Aboriginal Heritage Conservation Officer

NSW Fire Brigade – Zone Commander

**NSW Rural Fire Service Northern Rivers 24 hrs** 

State Emergency Services (SES) - Mullumbimby

Richmond River Area Office

Richmond River Area Depot

**Byron Shire Council** 

Police – Mullumbimby

Ambulance / Bookings

Emergencies

