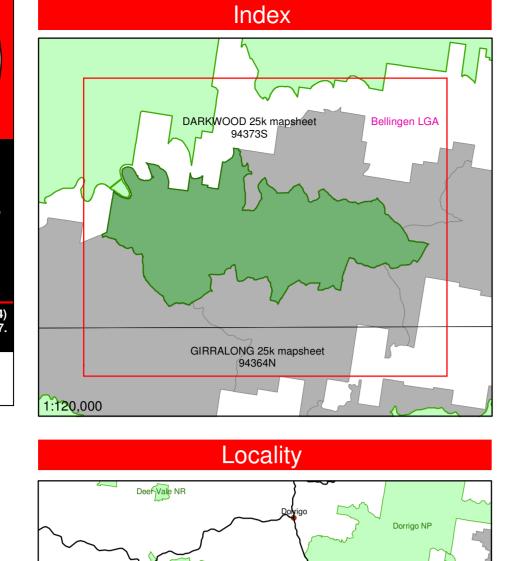
## **North Coast Region** Index **Baalijin Nature Reserve Fire Management Strategy (Type 2)** 2005 Sheet 1 of 1 This strategy should be used in conjunction with aerial photography and field reconnaissance during incidents and the development of incident action plans. hese data are not guaranteed to be free from error or omission. The NSW National Parks and Wildlife and its employees his document is copyright. Apart from any fair dealing for the purpose of study, research criticism or review as permitted under the copyright Act, no part may be reproduced by any process without written permissic

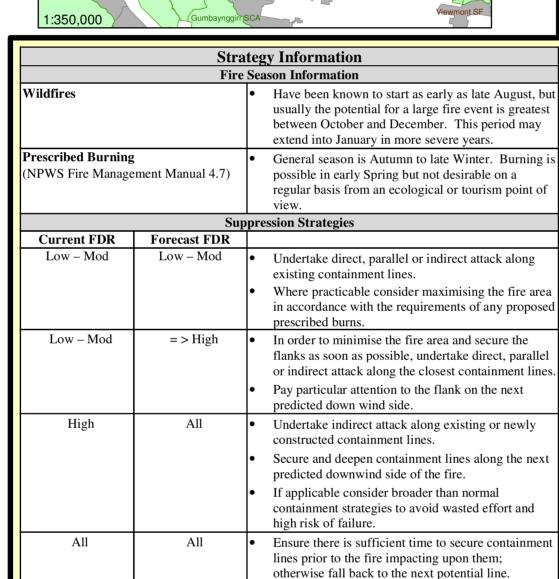
The NSW National Parks and Wildlife Service is part of the Department of Environment and Conservation Published by the Department of Environment and Conservation (NSW), July 2005. Contact: NSW National Parks and Wildlife Service, North Coast Region, PO Box 361, Grafton NSW 2460. **DEC Number:** 2005/203 Last Updated: 27 July 2005 This strategy is a relevant Plan under Section 38 (4) and Section 44 (3) of Rural Fires Act 1997. Endorsed by:

Director Northern, Parks & Wildlife Division

Contact Information			
Agency	Position / Location	Phone	
NPWS	Regional Duty Officer / After Hours	02 6641 1500	
	Area Manager (Dorrigo Plateau)	02 6657 2309	
		0428 879 180	
	Fire Management Officer	02 6641 1500	
		0427 250 122	
	Regional Operations Coordinator	02 6641 1500	
	Dorrigo Plateau Area Office	02 6657 2309	
		02 6657 2145 (fa	
	Regional Office	02 6641 1500	
		02 6643 5569 (fa:	
RFS	Fire Control Officer	02 6651 6133	
	Bellingen Fire Control Centre	02 6655 7001	
NSW Fire Brigade	Emergency	000	
	Bellingen Station	02 6655 1433	
SES	Emergency	000	
	Bellingen Unit	02 6655 1188	
Police	Emergency	000	
	Bellingen Station	02 6655 1444	
Ambulance	Emergency	000	
Hospital	Bellingen River District Hospital	02 6655 1266	
DIPNR	Coffs Harbour	02 6653 0100	
Forests NSW	24 hour fire calls	02 6655 6950	
	NE Region - Coffs Harbour	02 6652 0111	
Council	Bellingen Council	02 6655 7300	
Local Aboriginal Land Council	Gumbaynggir Elders	02 6569 4294	

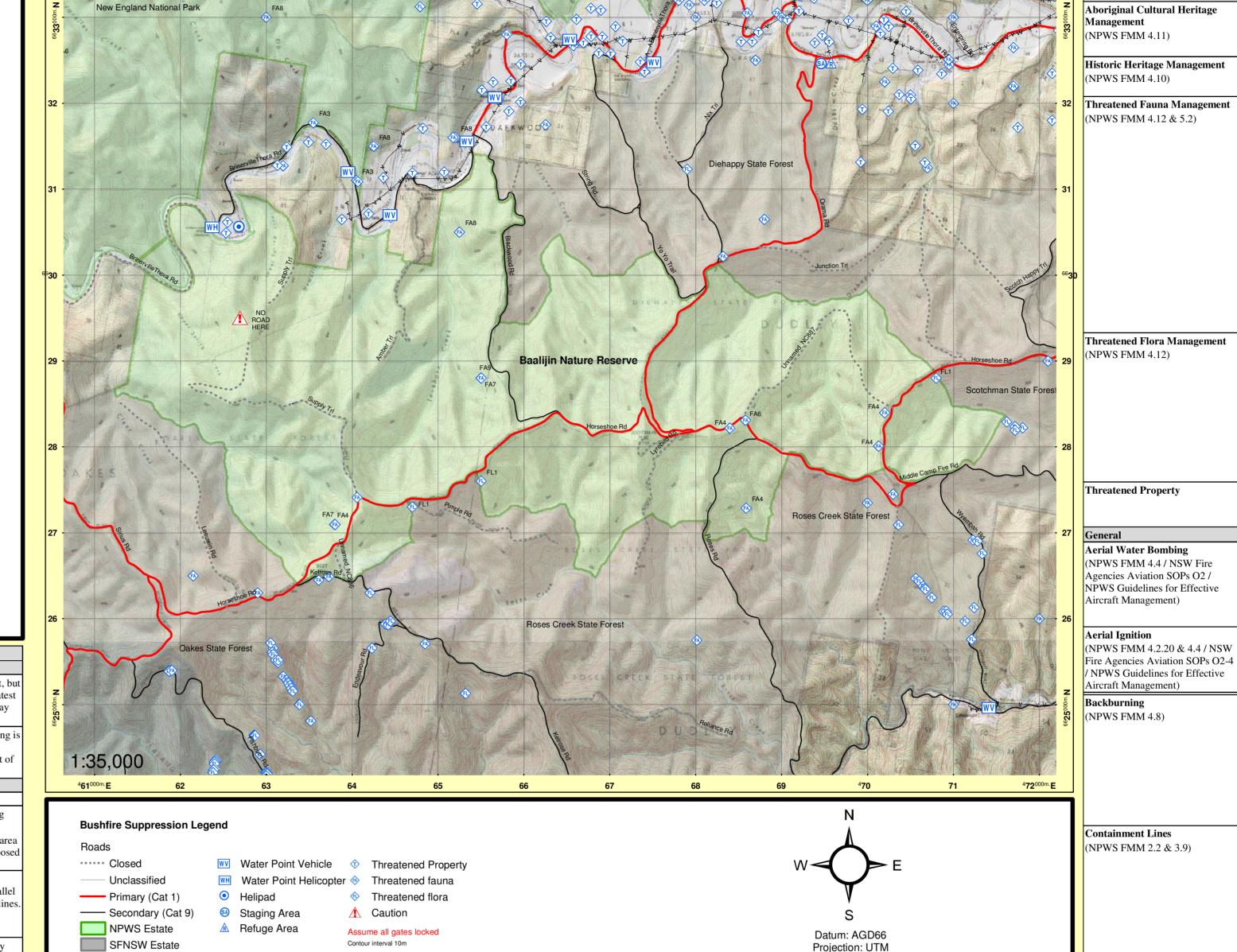
Communications Information			
Service	Channel	<b>Location and Comments</b>	
NPWS - VHF	23, 28	Reverse channels 67, 72	
NPWS - VHF (Fireground Comms)	35, 40	Simplex	
NPWS - VHF (Portable Repeater)	14 (orange) 16 (brown)	<ul><li>Stored at Dorrigo / transportable.</li><li>Can be located as required.</li></ul>	
		Contact Regional Office, Grafton to deploy.	
RFS – PMR - UHF	72		
RFS - GRN	-		
SF - VHF	34		
CB - UHF	1 - 99	<ul> <li>Available in most RFS vehicles.</li> <li>Choose channel on fire-ground with RFS.</li> </ul>	
Aircraft - VHF		Choose channel on fire-ground with RFS.	
Mobile Phone - CDMA	Patchy Coverage, Good on Ridges		
Satellite Phone	<ul><li>Stored at Coffs Coast Area Office.</li><li>Requires clear view of the sky.</li></ul>		

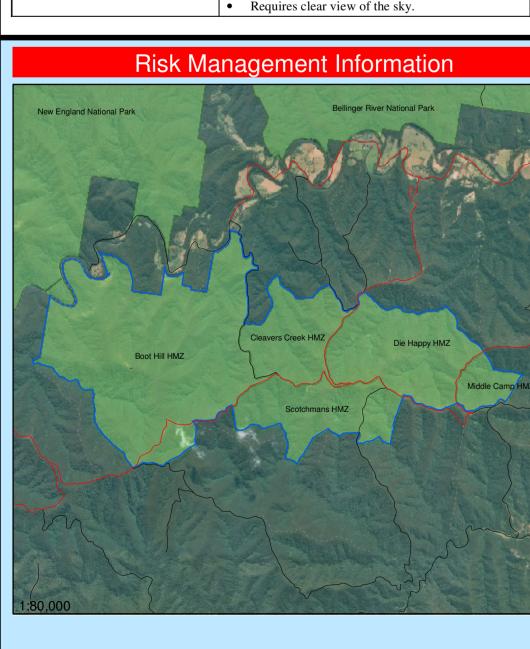




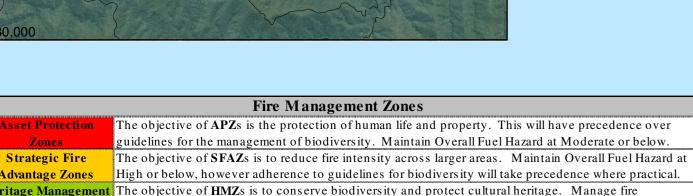
Fires 2003-2004

Fires 2000-2002



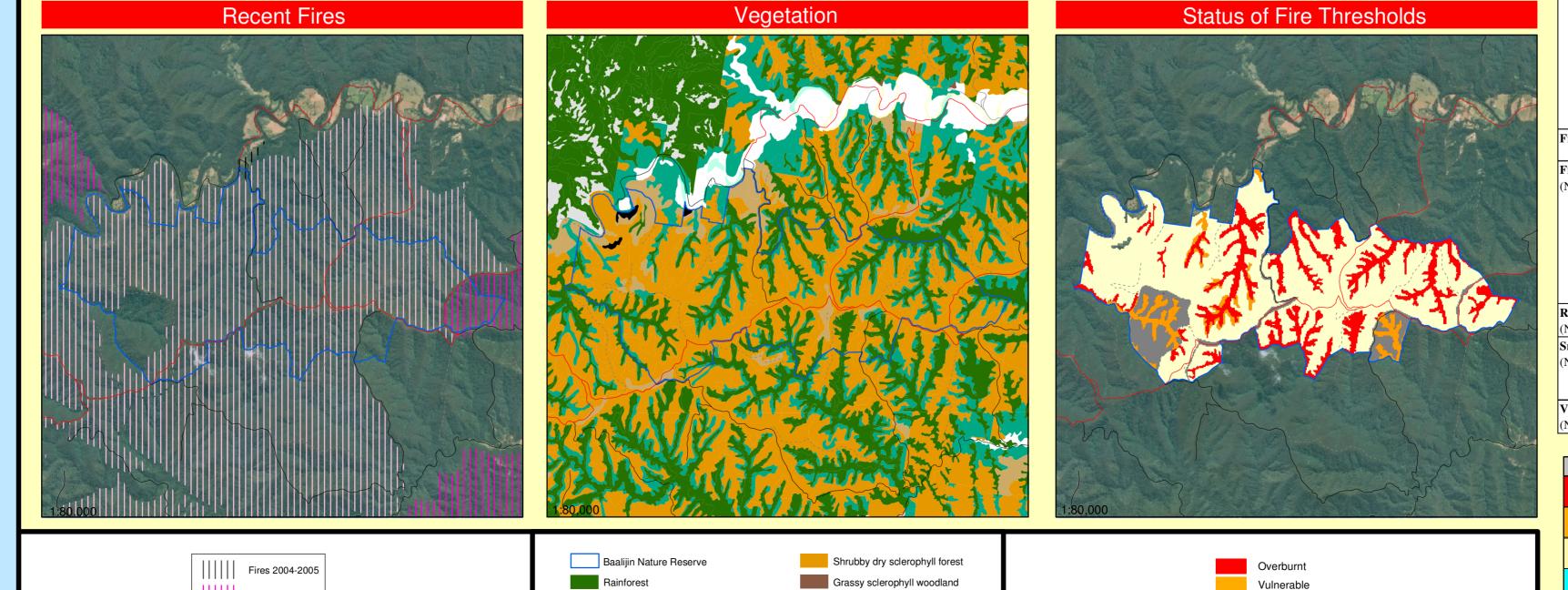


consistent with fire thresholds.



Baalijin NR

Fire Management Zones



Agriculture/timber plantation

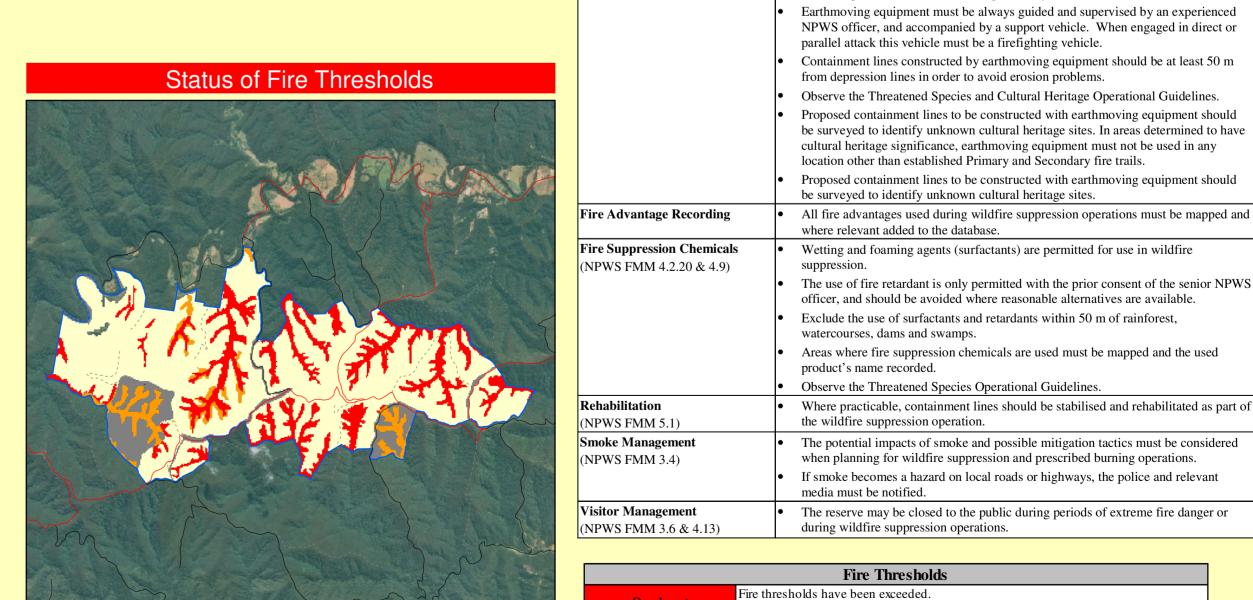
Rock/sand

Cleared/weeds

Wet sclerophyll forest

Swamp sclerophyll forest

Semi-mesic grassy forest



Overburnt

Vulnerable

Recently Burnt

Underburnt

Almost Underburnt

Within Threshold

Protect from fire as far as possible

Protect from fire as far as possible

Avoid fires if possible

The area will be Overburnt if it burns this year.

Fire frequency is below fire thresholds in the area.

Insufficient data to determine fire threshold.

Fire History is within the threshold for vegetation in this area.

NB. Fire thresholds are defined for vegetation communities to conserve biodiversity

A burn is neither required nor should one necessarily be avoided.

Time since fire is less than the optimum interval, but before that it was within threshold.

A prescribed burn may be advantageous. Consider allowing unplanned fires to burn.

A prescribed burn may be advantageous. Consider allowing unplanned fires to burn.

The area is close to its threshold and may become underburnt with the absence of fire.

Earthmoving Equipment

(NPWS FMM 4.2.20 & 4.3)

Grid: AMG Zone 56

Noted scales are true when this map is reproduced on A1 size paper

Recently Burnt

Almost Underburnt

Underburnt

Within Threshold

Unknown

**Operational Guidelines** 

Refer to Strategy for Fire Management 2003 and Fire Management Manual 2004.

Brief all personnel involved in suppression operations on the following issues:

appropriate to the site type.

appropriate to the site type.

machinery, chemicals.

FA6 Protect hollow-bearing trees.

Reduce fire frequency. FA7 Protect hollow-bearing trees.

FA8 Avoid frequent fire (<10 yrs).

appropriate to the site type.

Flora Prescriptions: Label Treatment

FA9 Protect known habitat from disturbance.

Fauna Prescriptions:

Label Treatment

and regional Cultural Heritage Conservation Officers.

Information on sites of Aboriginal cultural heritage significance is stored separately

Refer to Aboriginal Heritage Information Management System (AHIMS) database

Brief all personnel involved in containment line construction &/or vehicle based fire

Brief all personnel involved in containment line construction &/or vehicle based fire

suppression operations, on site locations and the required management strategies

Where practicable, protect habitat areas and trees from the fire if the effects of the

resulting fire frequency, season &/or intensity will have a significant or unknown

Brief all personnel involved in containment line construction &/or vehicle based fire suppression operations, on site locations and the required management strategies

Where practicable, protect populations or individuals from fire if the fire frequency

threshold has been exceeded, or the species is an obligate seeder (fire response category), or if the fire frequency threshold &/or fire response category is unknown.

FA3 Exclude fire from habitat (wetlands or rainforest). Avoid use of earthmoving

FA4 Mosaic burns to diversify understorey. Protect casuarina stands.

Avoid use of earthmoving machinery, chemicals.

Where possible, protect old growth habitat trees.

machinery; Avoid firefighting chemicals.

attacking hotspots and spotovers.

undertaken during the day.

at the cessation of the incident.

containment line construction phase.

backburn ignition.

FL1 Avoid all fire where possible; Avoid using earthmoving

Kept informed regarding the progress of the fire; and

should be limited to very specific circumstances

Ground crews must be alerted to water bombing operations.

prior to backburning, and adhere to the above guidelines.

Roads and trails to be used as containment lines but requ

built by hand with minimal erosion potential.

natural and cultural heritage sites in the location.

All property owners with assets at possible risk from a wildfire event will be:

Asked for an assessment of their current level of asset protection preparedness.

The use of bombing aircraft should support containment operations by aggressively

The use of bombing aircraft without the support of ground based suppression crews

Where practicable foam should be used to increase the effectiveness of the water.

practicable, but only with the prior consent of the senior NPWS officer.

May be ineffective in Heathlands with poorly developed surface fuel layers.

Temperature and humidity trends must be monitored carefully to determine the

safest times to implement backburns. Generally, when the FDI is Very High or

afternoon or early evening. With a lower FDI backburning may be safely

greater, backburning should commence when the humidity begins to rise in the late

Where practicable, clear a 1 m radius around dead and fibrous barked trees adjacent to containment lines prior to backburning, or wet down these trees as part of the

Brief all involved personnel on the location of cultural sites and threatened species

Construction of new containment lines should be avoided, except where they can be

All containment lines not required for other purposes should be closed immediately

All personnel involved in containment line construction should be briefed on both

Earthmoving equipment may only be used with the prior consent of the senior

Earthmoving equipment must be washed down prior to it entering NPWS estate.

Only existing or previous trails or containment line routes will be used.

Where practicable, erosion control works should be incorporated into the

prioritised in consultation with relevant IMT and Fire Ground staff.

NPWS officer, and then only if the probability of its success is high.

As far as possible, restrict its use to previously used containment lines.

Aerial ignition may be used during fuel reduction and backburning operations where

suppression operations, on site locations and the required management strategies