

This strategy should be used in conjunction with aerial photography and field reconnaissance during incidents and the development of incident action plans. These data are not guaranteed to be free from error or omission. The NSW National Parks and Wildlife and its employees disclaim liability for any act done on the information in the data and any consequences of such acts or omissions. This 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 permission. This strategy is a relevant Plan under Section 38 (4) and Section 44 (3) of Rural Fires Act 1997. The NSW National Parks and Wildlife Service is part of the Office of Environment and Heritage (NSW), August 2012.

Contact: OEH PWG Regional Office: 200 Yambil St, Griffith NSW 2680 P.O. Box 1049 Griffith NSW 2680 ph. 02 6966 8100 **Related Documents** Map Details Datum: Geocentric Datum of Australia (GDA) 1994 Topographic Maps OEH Fire Management

Data: Spot Satellite Imagery: 2005. Scale: Noted scales are true when printed on A1 size paper.

Scale 1:350,000

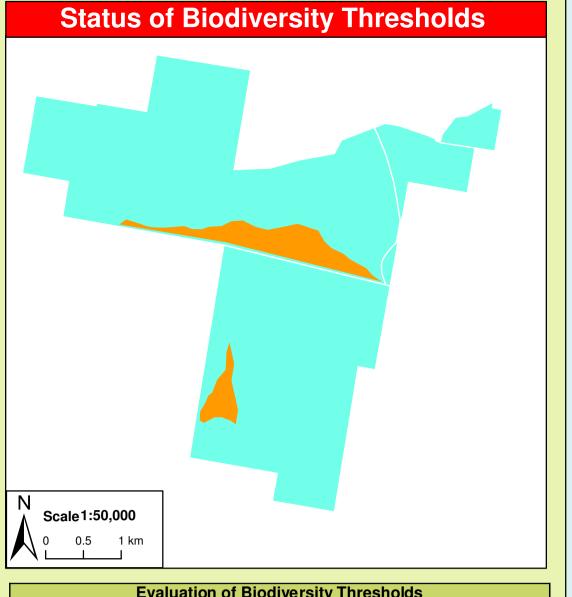
Projection: Map Grid of Australia (MGA) Zone 55 1:50k – MOLONG 8631N (AGD 1966)

Agency	Position / Location	Pho
National Parks & Wildlife Service	Duty Officer (8am-10pm)	02 6332
National Parks & Whome Service	Forbes Area Office 1 Camp St	02 6851
NSW Rural Fire Service Canobolas Zone	Fire Control Centre 1385 Forest Rd, Orange	02 6363
Forests NSW	Forbes Office	02 6850
Emergency		00
Fire and Rescue NSW	Orange	02 6361
Fire and Rescue NSW	Molong	02 6366
Police - Local Area Command	Orange	02 6363
Fonce - Local Area Command	Molong	02 6366
SES	State	13 2500
3E3	Lachlan	02 6863
Hamital	Orange Base	02 6393
Hospital	Molong District	02 6366
Council	Cabonne Shire Council	02 6392

_ocality	RFS Brigade Areas & Tower
Cumnock Ranib Pale Son May Molong Packham Drive Packham Drive Packham Drive	Cumnock Cumnock Cumnock Cumnock Gumble Garra Packnam Drive Packnam Drive Packnam Drive Packnam Drive Packnam Drive Packnam Drive Rederation Walknam Manildra Rederation Walknam M

Communications Information				
Service Channel Location and Comments				
NPWS Bathurst	24	 VHF Mount Canobolas 		
RFS Orange	P068	PMR Mount Canobolas		
Forests NSW	3 or 144	 VHF Mount Canobolas 		
Gumble Brigade	12	 UHF Simplex 		
Garra Brigade	29	 UHF Simplex 		
Cumnock Brigade	21	■ UHF Simplex		
NPWS VHF coverage patchy, use mobile repeater for fire-ground, VHF 13, 14 or 15				

Incident Map Contour Interval 20m - CREEK LGA NPWS Estate → Powerlines Gate FireType Prescribed Burn Roads and Trails — Two Lanes, Sealed - - - Two Lanes, Unsealed ---- One Lane, Unsealed Fire Trails BFCC Policy No. 2/2007 Cat 1, Essential Cat 9, Essential Cat 1, Important Cat 9, Important Dormant Site Management (see guideline tables) Threatened Fauna



Evaluation of Biodiversity Thresholds				
Long Unburnt Underbumt, excessive time since last fire, species may be extinct. A fire event may be ecologically advantageous. Considerational allowing unplanned fires to burn				
Vulnerable to Frequent Fire	The area will be too frequently burnt if it burns before 2016. • Protect from fire as far as possible.			
NB. Fire thresholds are defined for vegetation communities to conserve biodiversity				

Bushfire Risk Management Strategies Scale 1:50,000

Fire Season Information

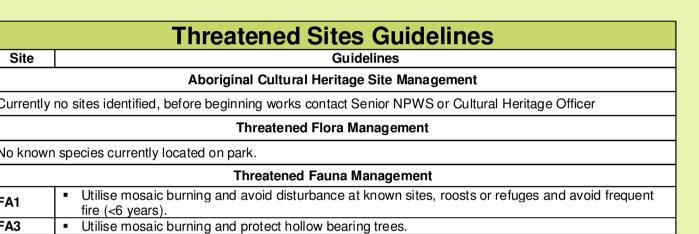
humidity.

The critical wildfire season generally occurs from November through to February.
Dry lightning storms frequently occur and typical

fire weather conditions are winds from the west to

the north, high day time temperatures and low

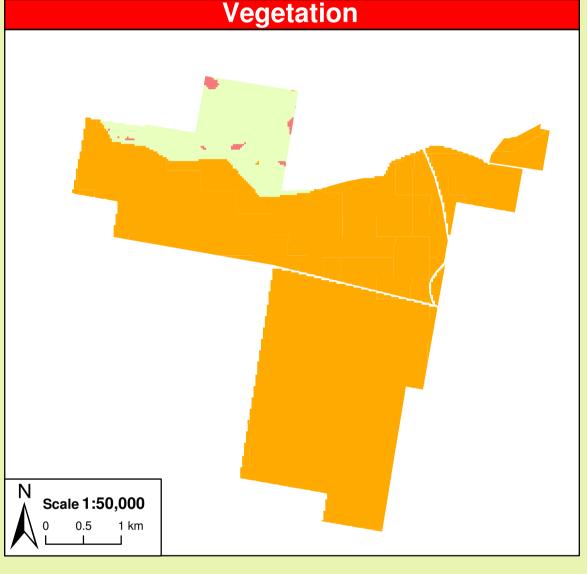
Suppression Strategies				
Season	Туј	pical Conditions	Indicative Suppression Strategies	
Just prior to or during the critical fire season	 Current Fire Danger Rating (FDR) of Very High or Greater, Short and medium range forecasts suggest conditions typical to a FDR of Very High or Greater, A risk to life and/or property exists in the short – medium term, A broad area risk to biodiversity exists. 		Direct Initial attacks should be to try to extinguish or to contain to the smallest possible area. Indirect Develop a suppression plan using existing and/or potential containment lines. If possible take into account biodiversity requirements but never to the detriment of life and property.	
Outside of the critical fire season	 FDR of High or below, Short – medium term forecast indicate a continuing FDR of High or below No risk to life or property exists in the short-medium term, Only small area risk to biodiversity exists. 		Direct Evaluate the biodiversity thresholds and use direct attack methods to extinguish if required. Indirect Develop a fire suppression plan to the maximum allowable perimeter based on Biodiversity thresholds.	
Fire Management Zones				
		s to conserve biodiversity and oric heritage.		
Strategic Fire Advantage Zones		The objective of SFAZ s is to reduce fire intensity across larger areas. Maintain Overall Fuel Hazard at High or below, however adherence to guidelines for biodiversity will take precedence where practical.		



Beware of overhead powerlines, and fences crossed by powerlines.

In years following wet seasons be cautious of soil crusts with underlying liquefying soils.

				numaity.		
Currently	no sites identi	fied, before beginning works contact Senior NPWS or Cultural Heritage Officer		 Particular care is required following periods of winter rain and after periods of negative Southern 		
		Threatened Flora Management		Oscillation Indices.		
No know	n species curre	ently located on park.		Prescribed burning should generally be		
	1	Threatened Fauna Management	Prescrib	I • Care should be taken to ensure sufficient titelis		
FA1	fire (<6 ye	osaic burning and avoid disturbance at known sites, roosts or refuges and avoid frequent ears).	Burnin	g available to allow a low to moderate burn over		
FA3		osaic burning and protect hollow bearing trees.		most of the area identified.		
			_			
		Operational Guideline				
G	eneral	Brief all personnel involved in suppression operations on the Guidelines				
Very effective first attack where fire is still small and crews are some distance away.						
Aerial W	ater	 Should support containment operations by aggressively attacking hotspots and spot-ov Without the support of ground based suppression crews should be limited to very spec 		00		
Bombin	g	 White the support of ground based suppression crews should be limited to very spec Where practicable feams or gels should be considered to increase the effectiveness of 		5 5,		
		Ground crews must be alerted to water bombing operations.	-114			
		 Aerial ignition may be used where practicable, with the prior consent of NPWS Regions burn plan, 	al Manager, OE	H Section 44 delegate or as prescribed in an operational		
Aerial Ig	nition	Aerial ignition will only be undertaken by accredited bombardiers, The action for a solid in the LAD desired fire acceptance for a solid in the LAD desired fire				
		 The pattern for aerial ignition will be specified in the IAP during fire suppression, Utilise incendiaries to rapidly burn out large areas where required. 				
		■ Temperature and humidity trends must be monitored carefully to determine the safest				
		greater, back-burning should commence when the humidity begins to rise in the late af undertaken during the day,	ternoon or early	evening, with a lower FDI back-burning may be safely		
Back-bu	rning	 Where practicable, clear a 1m radius around dead and hollow bearing trees adjacent to the back burn ignition 	o containment lir	nes prior to back-burning, or wet down these trees as part of		
		the back-burn ignition, Use parallel containment lines when applicable,				
		CAUTION: in areas dominated by Cypress back-burning may be very difficult or ineffect	ctive under norm	nal back-burning conditions.		
`amma	n d 0	 Standard Incident Management Systems are to be applied, On the arrival of other combatant agencies, the initial incident controller will consult wit 	h regard to the o	ongoing command, control and incident management team		
Commai Control	na &	requirements as per the relevant BFMC Plan of Operations,	-			
		Where OEH is not the first responding fire authority to arrive at a fire on OEH-ma direct fire management activities until a competent OEH officer assumes control				
		 Construction of new containment lines should be avoided, where practicable, except w New containment lines require the prior consent of a OEH Section 44 delegate or NPW 				
Contain	ment Lines	Use parallel containment lines when applicable,				
		 All containment lines not required for other purposes should be closed at the cessation All personal involved in containment line construction should be briefed on both natura 		ritage sites in the location refer to incident map.		
		 Containment line construction using earthmoving equipment must be in accordance wi 				
		■ Earthmoving equipment must always be guided and supervised by an appropriately ex	perienced perso	on, and accompanied by a support vehicle. When engaged in		
	_	 direct or parallel attack this vehicle must be a fire fighting vehicle, Containment lines constructed by earthmoving equipment should consider the protection 	on of drainage fo	eatures, observe the Threatened Species and Cultural		
Earthmo Equipmo	•	Heritage Operational Guidelines, and be surveyed, where possible, to identify unknown	n cultural heritag	ge sites,		
.ча.р		 Earthmoving equipment must not leave tracks or create new tracks in Machinery Exclu Earthmoving equipment must be washed down, where practicable, prior to it entering N 		·		
		 Where multiple items of earthmoving equipment are being used, the IMT should consider 				
ire Adv Recordi	antage ng	All fire advantages used or created during wildfire suppression operations must be may	oped and where	relevant added to the database.		
	~	Use of gels and foaming agents (surfactants) is permitted on the reserve,				
ire Sun	pression	• The use of fire retardants are only permitted with the prior consent of the OEH Section 44 delegate or NPWS Area Manager or Regional Manager and should be avoided where reasonable alternatives are available,				
Chemica	•	Exclude the use of surfactants and retardants within 50m of watercourses, dams and swamps,				
		 Areas where fire suppression chemicals are used must be mapped and the used produ The Threatened Species Operational Guidelines are to be observed. Refer to incident 				
lehabili Stabilisa	tation and	■ Where practicable, containment lines should be stabilised and rehabilitated as part of t	•			
) !-		The potential impacts of smoke and possible mitigation tactics must be considered who	en planning for r	prescribed burning operations,		
Smoke Manage	ment	If smoke becomes a hazard on local roads or highways, the police and relevant media must be notified,				
		Smoke management must be in accordance with relevant RTA traffic management gui	delines.			
Structur	-	OEH personnel are not trained in structural fire fighting and must not enter a structure in the structu				
ighting		Fire suppression activities may be undertaken from outside a structure in accordance via the suppression activities may be undertaken from outside a structure in accordance via the suppression activities may be undertaken from outside a structure in accordance via the suppression activities may be undertaken from outside a structure in accordance via the suppression activities may be undertaken from outside a structure in accordance via the suppression activities may be undertaken from outside a structure in accordance via the suppression activities may be undertaken from outside a structure in accordance via the suppression activities may be undertaken from outside as structure in accordance via the suppression activities may be undertaken from outside as structure in accordance via the suppression activities may be undertaken from outside as structure in accordance via the suppression activities may be undertaken from outside as structure in accordance via the suppression activities and the suppression activities and the suppression activities are suppression activities.	vith the policies	in the NPWS FMM, in order to protect a built asset.		
/isitor N	/lanagement	The reserve may be closed to the public during periods of extreme fire danger or during	g wildfire suppre	ession operations.		
	<u> </u>	 Areas of a reserve may be closed for prescribed burning operations. 				



N Scale 1:50,0	100 km		
	Vegetation	n Map Legend	d
Broad Vegetation Class	Vegetation Description	Biodiversity Thresholds	Fire Behaviour
Dry sclerophyll forests (Shrub sub-formation)	Dry Open-forest on ranges of the lower slopes (Hervey Ranges). Mugga Ironbark Woodland on hills	An interval between fire events less than 10 years (7 years in SFAZ) and greater than 30 years should be avoided. These communities typically consist of many obligate seeders.	In long unburnt areas, very high potential for spotting due to bark fuels. Isolated areas with heavy ground fuel may have the potential for very high fire behaviour.
Dry sclerophyll forests (Shrub/grass sub-formation)	White Box – White Cypress Pine Woodland Tumbledown Red Gum – Black Cypress Pine – Red Box Iow woodlands on hills	An interval between fire events less than 8 years (5 years in SFAZ) and greater than 50 years should be avoided.	In long unburnt areas, very high potential for spotting due to bark fuels. Isolated areas with heavy ground fuel may have the potential for very high fire behaviour.
Grassy Woodlands	Blakely's Red Gum – Yellow Box open- woodland of the tablelands An interval between fire events less than 8 years and greater than 40 years should be avoided.		Fire behaviour is dominated by winds, both speed and direction. Even in very low fuel grass fires can be erratic and fast moving. In wooded areas high potential for spotting.
Ephemeral Conditions	Occur after consecutive years of effective rainfall events. This in turn leads to the growth and build up of fine surface fuels such as grasses and herbs, which can create continuous fuel loads. As a result expect higher fire intensity.		
Drought Conditions	During drought conditions and when vegetation communities are visibly stressed it will be very difficult to undertake prescribed burning across many communities as the surface fuels will be very low. Wildfires are likely to be difficult to control due to extreme conditions during the day and areas of low fuel that are difficult to back-burn in under night conditions, particularly in areas dominated by cypress.		
Mosaic Burning	As this reserve has not experienced fire over an extended timeframe, a mosaic approach with post fire recovery and response assessments should be taken. Mosaic burning has two parts, spatial and temporal. Apply fire in a pattern across the reserve that allows gaps in time and space, small areas vs. large areas, scattered, variable times between fires		

space, small areas vs. large areas, scattered, variable times between fires

in any location. If possible leave some areas of each vegetation

community unburnt, as an end stage and reference site.