

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. Published by the Office of Environment and Heritage (NSW)

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during the day,

Back-burning

Map Details		Related Documents
um: Geocentric Datum of Australia (GDA) 1994	1:50k Topographic Map: Mimosa 8328-N	OEH Fire Management
ection: Map Grid of Australia (MGA) Zone 55	and Ariah Park 8329-S (AGD-1966)	Manual 2013 - 2014.
a: Spot Satellite Imagery: 2005.	Scale: Noted scales are true when printed on	

A1 size paper

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Operational Guidelines					
Br	Brief all personnel involved in suppression operations on the following issues using the SMEACS format:				
General	General Guidelines				
rial Water mbing	 The use of bombing aircraft should support containment operations by aggressively attacking hotspots and spotovers, The use of bombing aircraft without the support of ground based suppression crews should be limited to very specific circumstances, Where practicable foam should be used to increase the effectiveness of the water, 				
rial nition	 Ground crews must be alerted to water bombing operations. Aerial ignition may be used during back-burning or fuel reduction operations where practicable, but only with the prior consent of NPWS Senior Officer, Section 44 delegate or as prescribed in an operational burn plan, The use of aerial ignition as a fire suppression tool should be specified in the IAP or within the prescribed burn plan. Aerial ignition will only be undertaken by qualified and competent navigators and bombardiers, Utilise aerial ignition to rapidly burn out large areas and or reduce spotting potential by preventing longer uphill fire runs. Aerial ignition can be utilised to rapidly progress back-burns down-slope where required. 				
	■ Temperature and humidity trends must be monitored carefully to determine the safest times to implement backburns. Generally, when the FDI is Very High or greater, back-burning should commence when the humidity begins to rise in the late afternoon or early evening, with a lower FDI back-burning may be safely undertaken				

• Where practicable, clear a 1m radius around dead and hollow bearing trees adjacent to containment lines prior

	All personnel must be fully briefed before back-burning operations begin.
Command & Control	 Standard Incident Management Systems are to be applied, The first combatant agency on site may assume control of the fire, but then must ensure the relevant land management agency is notified promptly. On the arrival of other combatant agencies, the 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	 Construction of new containment lines should be avoided, where practicable, except where they can be constructed with minimal environmental impact, For new containment lines IMT to liaise with and receive consent from a Senior NPWS officer prior to construction, Use parallel containment lines when applicable,

to back-burning, or wet down these trees as part of the back-burn ignition,

Use parallel containment lines when applicable,

ainment	 Use parallel containment lines when applicable, All containment lines not required for other purposes should be closed at the cessation of the incident, All personal involved in containment line construction should be briefed on both natural and cultural heritage sites in the location, Containment line construction using earthmoving equipment must be in accordance with the earthmoving quidelines contained within the RFMS.
	 Earthmoving equipment may only be used with the prior consent of a senior NPWS officer, and then only if the probability of its success is high, Earthmoving equipment must always be guided and supervised by an appropriately experienced person, and accompanied by a support vehicle. When engaged in direct or parallel attack this vehicle must be a fire fighting
	accompanied by a support vehicle, when engaged in direct or parallel attack this vehicle must be a fire fighting

Containment lines constructed by earthmoving equipment should consider the protection of drainage features, observe the Threatened Species and Cultural Heritage Operational Guidelines, and be surveyed, where possible, to identify unknown cultural heritage sites, Earthmoving equipment must be washed down, where practicable, prior to it entering NPWS estate and again on

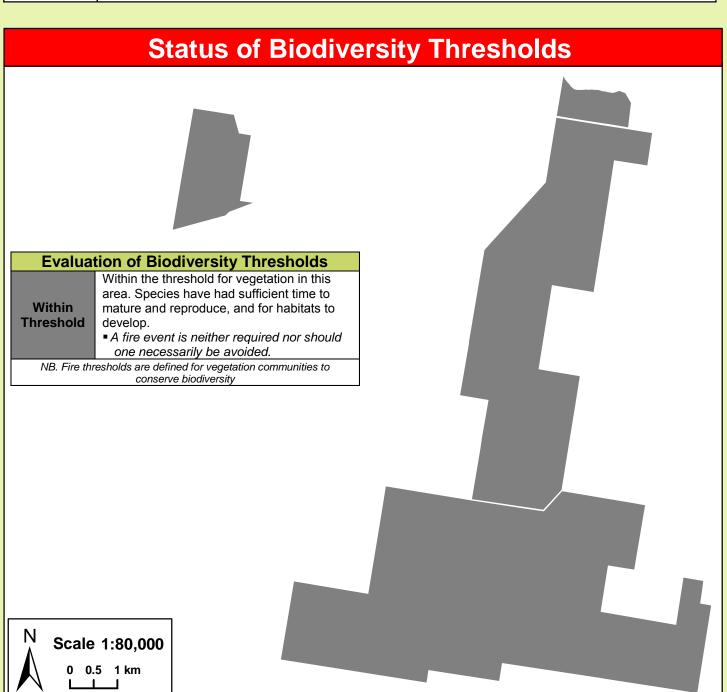
• Where multiple items of earthmoving equipment are being used, the IMT should consider the establishment of a Plant Operations Manager.

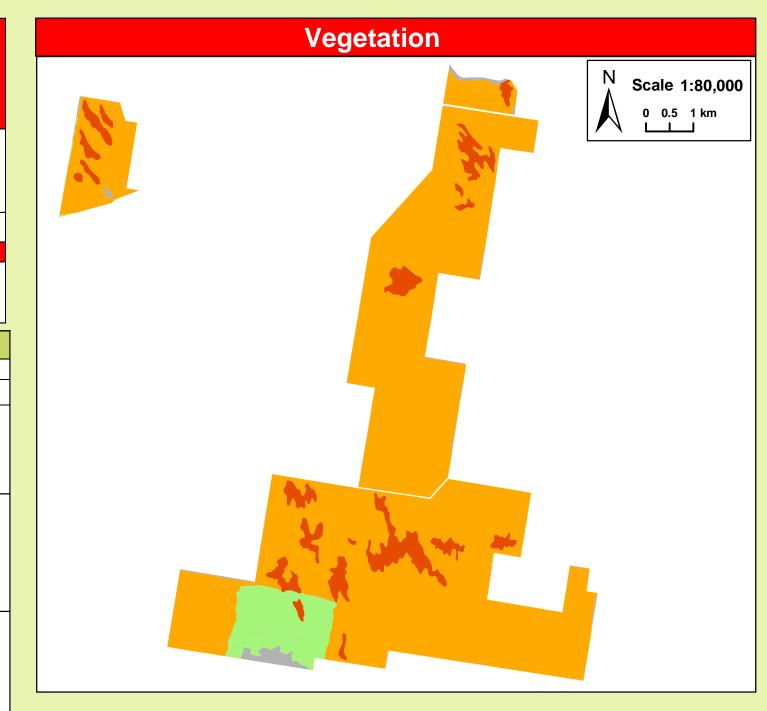
Fire Advantage Recording	 All fire advantages used during wildfire suppression operations must be mapped and where relevant added to the database.
Fire Suppression Chemicals	 Use of wetting and foaming agents (surfactants) is permitted on the reserve, The use of fire retardants are only permitted with 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 watercourses, dams and swamps, Areas where fire suppression chemicals are used must be mapped and the used product's name recorded, The Threatened Species Operational Guidelines are to be observed.

• Where practicable, containment lines should be stabilised and rehabilitated as part of the wildfire suppression ■ The potential impacts of smoke and possible mitigation tactics must be considered when planning for wildfire suppression and prescribed burning operations, 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 guidelines. Management OEH personnel are not trained in structural fire fighting and must not enter a structure in order to undertake Structural structural fire fighting, Fire Fighting • Fire suppression activities may be undertaken from outside a structure in accordance with the policies in the NPWS FMM, in order to protect a built asset.

Nearest reliable water is Temora township itself and it is recommended that a water cart be sourced.







	Vegetation Map Legend		
Broad Vegetation Class	Vegetation Type	Biodiversity Thresholds	Fire Behaviour
Dry Sclerophyll Forest (Shrub/ grass formation)	Dry Heathland/ Low Open Woodland	An interval between fire events less than 10 years and above 30 years should be avoided.	Unless recently burnt expect very high to extreme fire potential in these areas due to the elevated fuel hazard.
Dry Sclerophyll Forest (Shrub/ grass formation)	Mugga Ironbark/ Western Grey Box Woodland	An interval between fire events less than 10 years and above 30 years should be avoided.	Moderate to high fire intensities should be expected. In areas where there is a continuous shrub layer expect increased fire intensities.
Dry Sclerophyll Forest (Shrub/ grass formation)	Scattered Mugga Ironbark /Western Grey Box Woodland/	An interval between fire events less than 10 years and above 30 years should be avoided.	Localised areas with high levels of near surface and elevated fuels may have the potential for very high fire behaviour but in general the fire intensity will be low to moderate in this vegetation type.
Cleared/ Cropland	Cleared/ Cropland	No fire regime, where there is a high percentage of native grasses, the area should be managed for the previous formation, for example Grassy Woodlands (10 – 30 years).	High intensity fast moving fire once grasses have cured. Fire behaviour is dominated by winds, both speed and direction. Even in very low fuel, grass fires can be erratic and fast moving. In ephemeral years fire intensity will be higher and in drought years minimal growth will result in moderate fire behaviour but potentially still fast moving depending on weather conditions at the time.
Fire History	Fires in these reserves are rare; the fire history data shows only one wildfire in the last ninety years occurred in Ingalba in 1999 burning 35 hectares. Other ignitions of individual trees by lightning have occurred, but have been extinguished before developing into a fire.		
Ephemeral Conditions	Ephemeral fuel conditions occur after consecutive years of effective rainfall. This in turn leads to the growth and build up of fine surface fuels such as grasses and herbs, which can create a continuous fuel load across all of the above vegetation communities. As such expect a higher fire intensity.		
	During drought conditions and when vegetation communities are visibly stressed it will be very difficult to undertake		

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Drought Conditions	, , , , , , , , , , , , , , , , , , , ,		s will be very low. Wildfires are likely to be difficult to

conditions. A mosaic approach to fire management with post fire recovery and response assessments should be undertaken. Apply fire in a pattern across the reserve that allows gaps in both time and space, small verses large areas, scattered and variable times between fires in any location. If possible leave some areas of each vegetation community unburnt, as an end stage and reference site.

Communications Information			s Information	
		Service	Channel	Location and Comments
า		NPWS	11 10	■VHF Fireground 1 ■UHF
		RFS UHF	09	■Tara-Bectric, ■Quandry/Pucawar
		RFS UHF	10	■Mimosa, ■Thanowring
:)		RFS Bland- Temora	P008	■Willochria
		RFS Junee	P073	■Junee Water Towe
		Mobile p	hone covera	ige is unreliable.
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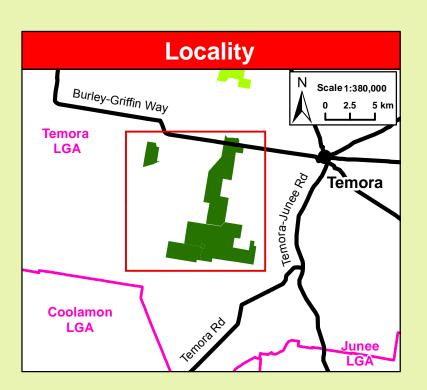
RFS Fire Brigade Areas & Towers
Pin N Scale 1:500,000 0 2.5 5 km
Quandary - Pucawan Non-RFS - Fire Brigade
Tara - Bectric Combaning South
Methul Rannock Mimosa P073
Berry Jerry North Murrulebale Erin Vale

Fire Season Information

The critical wildfire season generally occurs from October/November to March/April. Dry lightning storms frequently occur and

typical fire weather conditions are winds Wildfires from the west to the north, high day time temperatures and low humidity Particular care is required following periods of Winter rain and after periods of negative Southern Oscillation Indices.

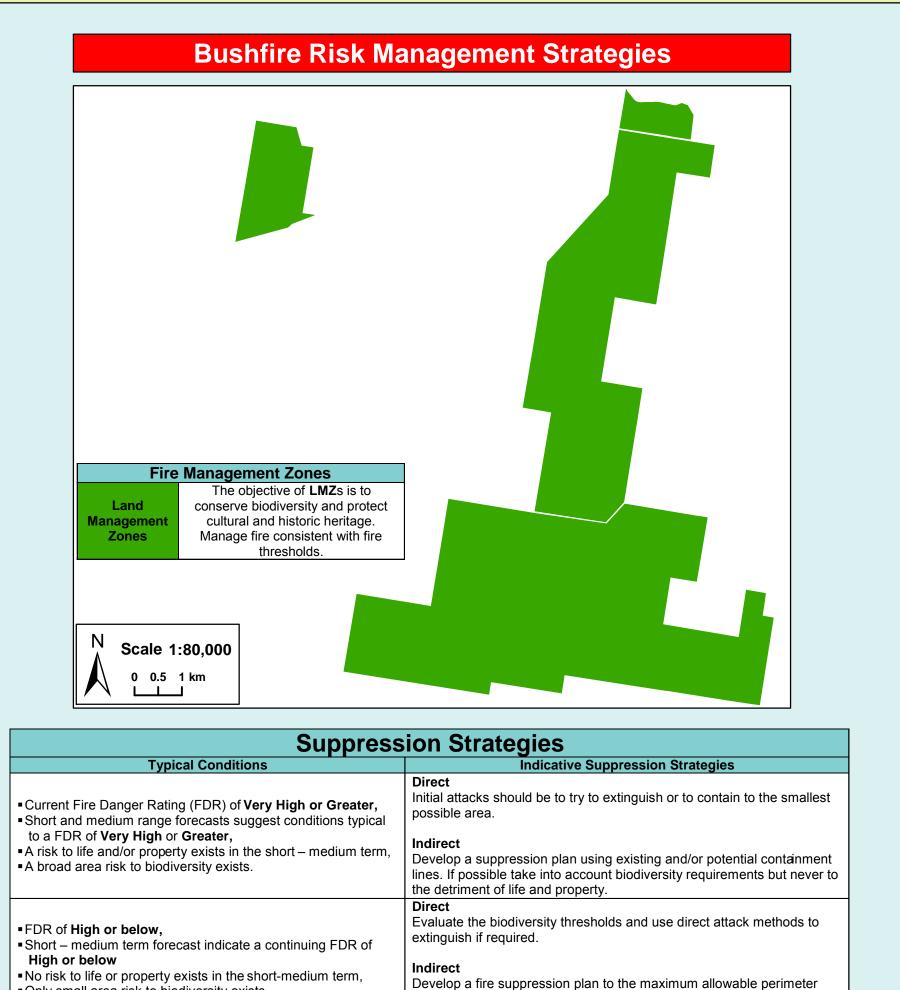
 Prescribed burning should generally be undertaken during winter or early Spring Prescribed ■ Care should be taken to ensure sufficient Burning fuel is available to allow a low to moderate burn over most of the area identified.



Contact Information			
Agency	Position / Location	Phone	
	Duty Officer	02 6332 6350	
National Parks	Mid West Area & Regional		
& Wildlife Service	Office – 200 Yambil St	02 6966 8100	
	Griffith		
NSW Rural Fire	Temora Fire Control Centre	02 6977 4737	
Service	Bland Fire Control Centre	02 6970 1100	
Bland/Temora Zone	Duty Officer	02 6972 0038	
NSW Fire Brigades	Temora Fire Station	02 6978 0544	
State Forests	Forbes – Duty Mobile	0428 696 678	
Emergency Services		000	
SES		13 2500	
Police Station (not	Temora	02 6977 2044	
open 24 hrs)	Terriora	02 0377 2044	
Police - Local Area	Wagga	02 6922 2599	
Command			
Hospital	Temora	02 6977 1066	
Local Aboriginal	Narrandera	02 6959 1823	
Land Council (LALC)	Temora	02 6382 5669	
Council	Temora Shire Council	02 6980 1100	
Council	Junee Shire Council	02 6924 8100	

Only small area risk to biodiversity exists.

0		Threatened Sites Guidelines	
0		Site	Guidelines
_		Aboriginal Cultural Heritage Site Management	
7 0 8 4		Note	An aboriginal sites survey is yet to be conducted for this reserve (as of Jan 2014). Therefore aboriginal sites may be present and consideration in engaging a Senior NPWS Office or Aboriginal Sites Officer prior to hazard reduction and wildfi suppression activities is required.
8			Threatened Fauna Management
4		A large range of threatened species have been sighted across the rese and consideration of these will need to be exercised during prescribed burn planning. Most notably are the endangered species Mallee Fowl, Bush Stone-curlew, Swift Parrot and the Regent Honeyeater. Contact NPWS for further information.	
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based on Biodiversity thresholds.

