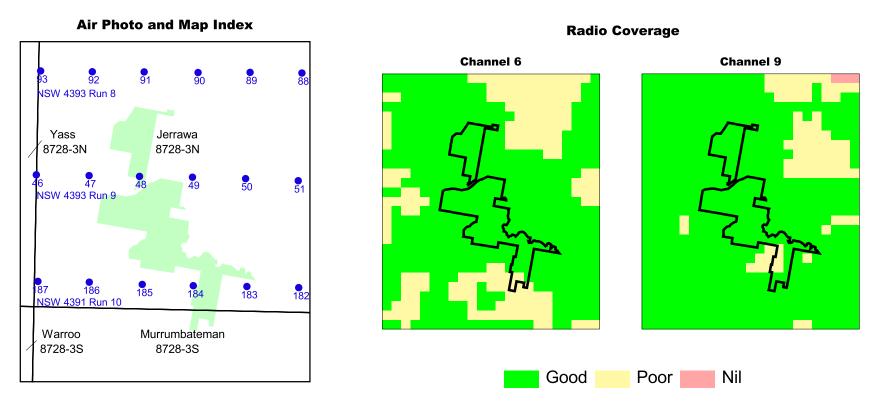


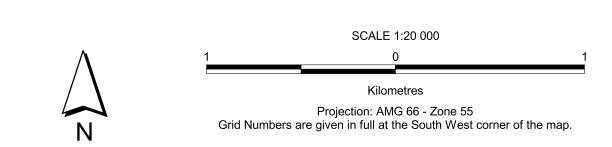
SUPPRESSION STRATEGIES					
FFDI	OPERATIONAL GUIDELINES				
Current Low - Mod & Forecast Low - Mod	<ul> <li>Undertake direct, parallel or indirect attack along existing containment lines.</li> <li>Where practicable, consider maximising the fire area in accordance with the requirements of any proposed prescribed burns in the fire planning strategy and Bushfire Management Committee agreements.</li> </ul>				
Current Low - Mod & Forecast High or >	<ul> <li>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.</li> <li>Pay particular attention to the flank on the next predicted down wind side.</li> <li>Consider fall back containment strategies</li> </ul>				
Current High or > & Forecast High or >	<ul> <li>- Undertake indirect attack along existing or newly constructed containment lines.</li> <li>- Secure and deepen containment lines along the next predicted downwind side of the fire.</li> <li>- Allow sufficient time to secure containment lines to avoid wasted effort and potential failure.</li> <li>- Prepare and implement fall back containment strategies.</li> </ul>				
Fire Advantages	- Streams in the reserve are intermittent and should not be regarded as passive control lines under normal conditions - Reserve trails will function as fire advantages				

Note: Always ensure there is sufficient time to secure containment lines prior to the fire impacting upon them.



## **Mundoonen Nature Reserve - Waypoints**

Name Heli Ref		Description	Easting	Northing	Longitude	Latitude
Highway Dam	H1	Waterpoint - Vehicle/Helicopter	687890	6143870	149° 03' 13"	34° 49' 46"
Main Gate		Assembly Area	687360	6143870	149° 02' 56"	34° 49' 48"
North Powerline Dam		Waterpoint - Vehicle	688830	6142110	149° 03' 55"	34° 50' 44"
Old Gap		Staging Area	686270	6140660	149° 02' 15"	34° 51' 33"
Scrubby Ridge		Staging Area	685930	6146210	149° 01' 57"	34° 48' 33"
South Powerline Dam		Waterpoint - Vehicle	688780	6141760	149° 03' 53"	34° 50' 56"
Swamp Gully Clearing		Staging Area	687440	6141940	149° 03' 01"	34° 50' 51"
Swamp Gully Dam		Waterpoint - Vehicle	687570	6142330	149° 03' 05"	34° 50' 38"
West Highway		Staging Area	686330	6143200	149° 02' 16"	34° 50' 11"
Wyoming		Staging Area	685490	6145130	149° 01' 41"	34° 49' 09"



NOTE: THIS MAP IS NOT GDA COMPLIANT

(AA)	Assembly Area	0	Farm Dam	BFCC Sta	ndard Trail
<b>B</b>	Base Camp	•	Spotheight		Primary
9	base Camp		opouroig.ii		Secondary
<u>©</u>	Control Centre	Δ	Survey Landmark	×-×-×-	Dormant
§A)	Staging Area	$\bowtie$	Gate	Managem	ent Trail
_		H	Locked Gate		Cat 1
AIR	Airbase		Locked Gate		Cat 2
WH	Water Point - Helicopter		Hamanda ad Oamenlan		Cat 7
		****	Homestead Complex		Cat 9
W۷	Water Point - Vehicle				
		◆	Asset	Other Roa	ads
•	Helipad				Sealed Road
		14	Daccing Ray		

— — Dormant Trail

(With Voltage)

20m Contour Cadastre Mundoonen NR Other DEC Estate Crown Land Recently Burnt Area Asset Buffer Zone

Wee Jasper

## South West Slopes Region **Mundoonen Nature Reserve** Fire Operations Map 2005

Version: August 2005, DEC: 2006/41, ISBN: 1 74137 810 9 This Map should be used in conjunction with air photos and ground reconnaissance during incidents and the development of incident action plans. Copyright Department of Environment and Conservation. These data are not guaranteed to be free from error or omission. The Department of Environment and Conservation and its employees disclaim liability for any act done on the information in the data and any consequences of such acts or omissions.

	Reproduced with permission of Land and Property Information.
JIFE & PRC	PERTY GUIDELINES
	- Determine likelihood of walkers having entered reserve from Hume Highway pull-off Close the entrances to the reserve off the Hume Highway.

This map is based on Land and Property Information Standard 1:25000 Topographic Map Series.

Visitor safety (NPWS FMM 3.6)	<ul> <li>Visitors in or adjacent to the fire ground will not be permitted unless authorised by the Incident Controller. The preser of visitors should be reported to the incident controller immediately, who will arrange for an evacuation if necessary.</li> <li>'Park closed' or 'smoke hazard' signs must be placed in areas used by visitors prior to undertaking prescribed burning</li> <li>Notify media that wildfire or prescribed fire exists within the reserve/area.</li> </ul>
Asset Protection (FMM 4.11)	There are a number of assets to the east of the reserve and a Communications Tower on Mount Mundoonen.  - Use existing and treated AP Zones to assist fire suppression activities.

TYPE	GUIDELINES
Threatened Fauna	Where possible; - Minimise the size and intensity of fire to reduce the potential impacts on species habitat Protect mature, hollow bearing trees and avoid tree felling in areas these species are identified Avoid the use of fire suppression chemicals within 100 m of swamps, streams, farm dams & river flats.
HMZ 1	Where possible, - Avoid ground disturbance (dozer lines & hand tool lines cause high impact) Utilise strategic fire advantages to prevent wildfire entering the zone All ignitions in the zone will be, conditions permitting, directly attacked to contain the fire to the smallest possible perimeter If direct suppression is not possible, attempts will be made to promote burn patchiness by using incendiaries, water bombing etc Efforts will focus on restricting fires to smallest block using existing control lines ( secondary and dormant trails) If possible, the intensity of wildfires will be reduced to prevent crown scorch to protect koala populations.
HMZ 2	<ul> <li>Wildfires will be suppressed by effective means.</li> <li>If possible, intensity of wildfires will be reduced to prevent crown scorch to protect koala habitat.</li> </ul>

CULTURAL HERITAGE GUIDELINES					
TYPE	GUIDELINES				
Aboriginal & Historic Heritage (FMM 4.11)	<ul> <li>Brief personnel involved in control line construction and vehicle based fire suppression operations on site locations and the required management strategies for site protection. Include in Incident Action Plans.</li> <li>Liaise with the relevant heritage officer and or representative where considered necessary.</li> </ul>				
Scarred trees 🔷 1	<ul> <li>Clear fuels, with hand tools, from tree base and/or foam base to 3 m up tree trunk.</li> <li>Do not clear or fell trees.</li> <li>Where possible, avoid new trail construction within 20 m of trees and construct trails on the advancing fire side of the tree</li> <li>Hazard reduction or back burning operations should minimise the potential threat of radiant heat on the tree.</li> </ul>				
Open camp sites	<ul> <li>Avoid ground disturbance at or within close proximity of the site (30 m). Earthmoving blades should be raised in these locations to avoid damage to sites on trails, unless a "Consent to Destroy" has been attained.</li> <li>Avoid direct attack methods (including aerial water bombing) at known sites.</li> <li>Use of foam or aerial line drops may be used adjacent to, but not directly on sites.</li> </ul>				
	Shallow charcoal pits have been recorded within the park, may damage machinery and or injure personnel if fallen into.				

FMM - contains extracts from NSW National Parks and Wildlife Service Fire Management Manual (December 2004). For the purposes of public exhibition, some information will not be displayed due to obligations under the Freedom of Information Act 1989, regulations and amendments, and Memorandum of Understanding between the Department of Environment and Conservation and Aboriginal Communities.

## FIRE SEASON INFORMATION

Charcoal pits (9) 1 - Ensure plant and crews are aware of site locations.

Analysis of Yass weather data from 1986 -1998 demonstrates that while conditions of low relative humidity are common in summer, few days occur where 3 pm temperatures exceed 35°C and winds exceed 20 km/h. On average, less than one day each year experienced these conditions with a relative humidity of less than 35%. Days of very high forest fire danger can occur at lower temperatures (>25°C) under westerly winds, or at higher temperatures (>30°C), often

associated with north-westerly winds. Severe fire seasons in the Southern Tablelands are characterised by some or all of the following:

- High Kyram Beetch Drought Index (exceeding 50 for several weeks) - Strongly negative SOIs (-12 or less associated with El Nino events)

- Absence of rain bearing events from the north-west of the continent - Absence of cyclone events to the north and north-east of the continent

- "Typical" summer weather patterns (of low pressure systems and associated cold fronts)

Historic fire patterns in the reserve are not strongly correlated to severe seasonal conditions, but are driven primarily by human caused ignition

RADIO COMMUNICATIONS						
AGENCY/RESOURCE	CHANNEL	MRX FREQ.	MTX FREQ.	NOTES		
NPWS (VHF)	6	MRX 78.7750	MTX 81.2750	Mt Ginini - may be marginal in some areas of this reserve.		
	8	MRX 78.7500	MTX 81.2500	Mt Cronin - may be marginal in some areas of this reserve.		
NPWS (VHF)	17	82.3875	82.3875	Channel to be determined by ground crews, crew leaders, division		
FIRE GROUND	18	79.8375	79.8375	commanders etc. Any changes will be noted in IAP.		
	19	79.9625	79.9625			
RFS (UHF)	19	79.8375	79.8375			
	74	79.9625	79.9625			
AIRCRAFT COMMUNICATIONS (Fire Communication Traffic Advisory Frequencies F-CTAF)		119.10 Mhz 120.80 Mhz 122.80 Mhz 123.45 Mhz 128.70 Mhz 132.75 Mhz		State wide State wide State wide State wide Pilots (chit chat) "The Numbers" channel State wide State wide		
Mobile Phone Coverage-	coverage may b	e marginal in valle	eys and hill shado	w areas.		

Mobile Phone Coverage- coverage may be marginal in valleys and hill shadow areas.							
CONTACT PHONE NUMBE	ERS						
NATIONAL PARKS AND WILDLIFE SERVICE	RURAL FIRE SERVICE		EMERGENCY SERVICES	000			
SWS Queanbeyan Area Office 6299 2929	Yass Fire Control Centre	6226 3100	POLICE - Yass	6226 9399			
SWS Queanbeyan Area Office Fax 6297 8408	Gunning FCC (Yass)		POLICE - Gunning	4845 1244			
Incident Answering Service (A/H) 1800 629 104	State Operations (24 hrs)	8741 5400	AMBULANCE	13 12 33			
SWS Regional Office (Tumut) 6947 7000			SES Yass	6226 3444			
NEIGHBOUR INFORMATION	COUNCILS		Fire Brigade - Yass	6226 1058			
	Upper Lachlan Local Government	4845 1312	OTHER ORGANISATIONS				
Consult SWS Region databases	Onerwal Aboriginal Land Council	6226 3911	Roads and Traffic Authority	131 700			

Wildlife Rescue - Goulbourn 4822 3888