

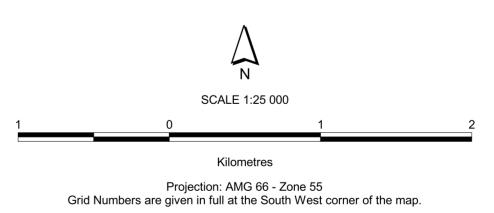
FIRE SEASON INFORMATION

The critical fire season occurs between December and March, when the potential for fire events is at its highest. Particular care and monitoring is required during periods of prolonged drought when strong negative Southern Oscillation Indices preced the fire season, and when low pressure systems dominate central and southern Australia during and leading up to the fire season. During these times fires may exhibit high intensity behaviour in windy conditions and exceed current rate of spread indices. Periods of extended drought, may give rise to higher potential bushfire behaviour during winter. Any proposed prescribed burning should be undertaken before late autumn precipitation occurs. Least likely period to disrupt fauna during

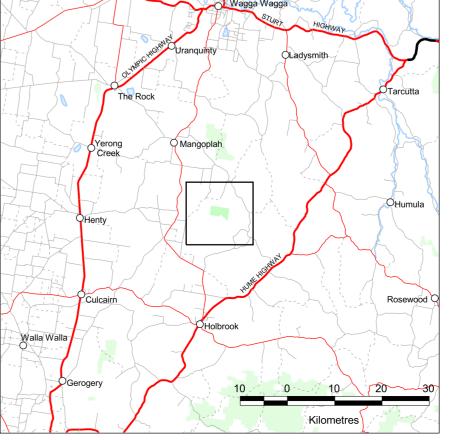
prescribed burning is at the end of March and April, depending on weather conditions (past, present and forecast). Any fire in spring should be During the fire season prevailing winds during the day are from the west and northwest. All ignitions under a SW influence should be managed with the potential for flanks to become heads when W to NW wind trends return.

FFDI	OPERATIONAL GUIDELINES	
Current Low - Mod & Forecast Low - Mod	 Undertake direct, parallel or indirect attack along existing containment lines. 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. 	
Current Low - Mod & Forecast High or >	 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. Consider fall back containment strategies 	
Current High or > & Forecast High or >	 - Undertake indirect attack along existing or newly constructed containment lines. - Secure and deepen containment lines along the next predicted downwind side of the fire. - Allow sufficient time to secure containment lines to avoid wasted effort and potential failure. - Prepare and implement fall back containment strategies. 	
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.



NOTE: THIS MAP IS NOT GDA COMPLIANT



CONTACT PHONE	NUMBER				
NATIONAL PARKS AND WILDLIF	E SERVICE	COUNCILS		EMERGENCY SERVICES	<u>0 0 0</u>
SWS Tumut Office (B/H)	6947 7000	Wagga Wagga Council	6926 9100	POLICE - Wagga (Ph)	6921 0544
SWS Tumut Office Fax	6947 4170	Wagga Wagga ALC	6921 4095	(Fax)	6921 0534
Incident Answering Service (A/H)	1800 629 104			AMBULANCE	13 1233
RURAL FIRE SERVICE		NEIGHBOUR INFORMATION		State Emergency Service Wagga	
Wagga Wagga Fire Control Centre	(Ph) 6931 5855	Consult SWS Region databases		Fire Brigade - Wagga	6921 3022
(Fax) 6931 5626	Ç			
Duty Officer	6931 5000			OTHER ORGANISATIONS	
State Operations (24 hrs)	8741 5400			WIRES (24 Hr)	6921 5135

Nest Hill Nature Reserve - Waypoints

Mobile Phone Coverage- generally, good coverage across the reserve area.

Name	Ref No	Description	Easting	Northing	Longitude	Latitude
Cookardinia Rd		Staging Area	532540	6072000	147° 21' 31"	35° 29' 42"
Main Gate		Staging Area	532770	6071360	147° 21' 41"	35° 30' 02"
Pine Acres		Waterpoint - Vehicle	532600	6072820	147° 11' 34"	35° 29' 15"

d ents	 First fire personnel of any agency on site may assume control of the fire, but must ensure the relevant land management agency is promptly notified. On arrival of other fire agencies, the initial incident controller will consult with the other agencies on the ongoing command, control and incident management team requirements as per the relevant BFMC Plan of Operations. The use of earth-moving equipment, retardants and aerial suppression must be approved by a senior NPWS officer. 	Ne	st Hill Nature Reserve Fire Operations Map	SERVICE
	- Aerial water bombing and aerial ignitions are permissible in this reserve, however can only be used and commenced on the instruction of the incident controller or senior NPWS officer.		2005	Ů
	 Water bombing operations should support containment operations by aggressively attacking flanks, hotspots, spot-overs and head fires where required. Where possible, foams should be used to increase the effectiveness of water, however limit use within 50m of watercourses and dams. The use of water bombing aircraft without the support of ground based suppression crews should be limited to specific circumstances as determined by the senior NPWS officer. Ground crews must be briefed and alerted to aerial ignition and water bombing operations 	Copyright D	Version: September 2005, ISBN: 1 74137 809 5, DEC: 2006/40 ould be used in conjunction with air photos and ground reconnaissance during of incident action plans. Department of Environment and Conservation. These data are not guaranteed to be a confunction of Environment and Conservation and its employees disclaim liability for any act do and any consequences of such acts or omissions.	incidents and the development
	 All backburning operations must be planned and approved by a senior NPWS officer. All crews must be briefed on the sequence and safety precautions of the operation. Generally, burning should commence when the humidity rises in late afternoon or early evening and spotting is minimal. With a low FDI, burning may be safely undertaken during the day. Where practicable, clear 1m radius around dead and fibrous barked trees adjacent to containment lines prior to burning, or wet down these trees as part of the backburn ignition preparation. 		This map is based on Land and Property Information Standard 1:25000 Topogra Reproduced with permission of Land and Property Information.	phic Map Series.
	 Existing constructed or natural fire control advantages should be used, wherever possible, to contain bushfires. Trails that comply with the Bush Fire Coordinating Committee Policy 1/03 "Fire Trails" are identified on this operations map. As a minimum, management trails identified on the operations map are maintained to a standard to provide access to Category 9 vehicles, unless otherwise indicated. Dormant trails may be used as a strategic control line during an incident, however may need some mechanical work to clear regenerating vegetation and fallen timbers. 	Visitor safety (NPWS FMM 3.6)	Where possible; - Visitors in or adjacent to the fire ground will not be permitted unless authorised by the of visitors should be reported to the incident controller immediately, who will arrange - 'Park closed' or 'smoke hazard' signs must be placed in areas used by visitors prior to - Notify media that wildfire or prescribed fire exists within the reserve/area.	for an evacuation if necessary.
ery	 Strategies involving earth-moving equipment must be approved by the senior NPWS officer before implementation. Earth-moving equipment must be supervised and guided by an experienced NPWS officer or a person recognised to be appropriately experienced. All earth-moving equipment employed in fire operations must be accompanied by a support vehicle that has equipment available to contact support personnel in an emergency. Plant involved in direct or parallel attack must be accompanied by either a slip-on or a fire tanker for safety purposes. At the commencement of shifts, all operators and guides must be briefed on safety consideration and actions to prevent damage to sensitive natural and cultural heritage. Where possible, control lines running along valley areas should be constructed 20-50 from gullies to avoid severe erosion. 	Asset Protection (FMM 4.10) HERITAGE ZONE	,	
	 Wetting and foaming agents (surfactants) are permitted for use in wildfire suppression. Use of retardants must be authorised by the senior NPWS officer. Retardants should be ammonium sulphate based and should not be used where reasonable alternatives are available. As far as possible, exclude the use of surfactants and retardant within 50m of watercourses and dams. Use surfactants and retardants where natural advantages provide the most effective applications of the chemicals. 	HMZ 1	Where possible; - Contain fires to small areas and lower potential intensity Minimise the use of earth moving machines Minimise the use of suffactants/retardants within the zone Minimise felling large and hollow bearing trees during 'mop up' activities Prescribed fire should be avoided, unless there is a demonstrated loss of biodiversity	
1	 The rehabilitation process should be addressed during the incident, in the Incident Action Plan. The potential impacts of smoke and possible mitigation tactics must be considered when planning for wildfire suppression and prescribed burning operations. Where smoke has the potential to be a hazard on local roads or highways the police, RTA, local shire council and relevant media must be notified. Monitor local roads and access for smoke hazards and install road safety/warning signs where necessary. Traffic control must comply with RTA Traffic Control at Worksites Manual requirements. 	HMZ 2	 Where possible; Minimise the potential for fire to spread and or contain to existing control lines where areas programed for prescribed burning (ie. SFMZ). Prescribed fire or other fuel manipulation program may be applied to the area to rede. Manage fire to produce mosaic (patchy) burn patterns (where weather conditions per Earthmoving equipment may be used to contain fire. Retardants and foams may be used to suppress fire, however minimise use within 10 	uce potential risks. mit).

Historic Heritage (FMM 4.11) - Scarred trees -	- Brief personnel involved in control line construction and vehicle based fire suppression operations on site locations at the required management strategies for site protection. Include in Incident Action Plans. - Liaise with the relevant heritage officer and or representative where considered necessary.		
Scarred trees	Clear fixed with hand tools from tree has and/or form had to 2m up tree trink		
	 Clear fuels, with hand tools, from tree base and/or foam base to 3m up tree trunk. Do not clear or fell trees. Where possible, avoid new trail construction within 20m of trees and construct trails on the advancing fire side of the tree. Hazard reduction or back burning operations should minimise the potential threat of radiant heat on the tree. Avoid new trail construction or ground disturbance within close proximity of site. Where possible, ensure site is protected by constructing trails or hand tool lines on the advancing fires side. Clear, by hand, excess fuels from the site. Avoid direct attack methods (including aerial water bombing) at known sites. Surfactants and retardants in aerial line drops may be used adjacent to, but not directly on sites. Hazard reduction or back burning operations should minimise the potential threat of radiant heat and smoke (carbon deposition) on sites. 		
rock arrangements, rock engravings, bora rings, etc			
over-hangs	 Avoid new trail construction or ground disturbance within close proximity of site. Where practicable, ensure site is protected by constructing trails or hand tool lines on the advancing fire side. Clear, by hand (whipper snippers, brush cutters, mowers), excess fuels from the site. Avoid direct attack methods on sites. Avoid aerial water bombing, use of foams and or retardants at known sites. Use of foam or aerial line drops may be used adjacent to, but not directly on sites. Hazard reduction or back burning operations should minimise the potential threat of radiant heat and smoke (carbor deposition) on the site. 		

South West Slopes Region

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, Privacy and Personal Information Protection Act 1998, regulations and amendments, and Memorandum of Understanding between the Department of Environment and Conservation and Aboriginal Communities.

Use of foam or aerial line drops may be used adjacent to, but not directly on sites.

Historic Heritage None recorded.

AGENCY/RESOURCE	CHANNEL	MRX FREQ.	MTX FREQ.	NOTES		
NPWS (VHF)	2	MRX 77.6375	MTX 80.1375	Jingelic - covers most of the reserve area.		
NPWS (VHF)	17	82.3875	82.3875	Channel to be determined by ground crews, crew leaders, Div		
FIRE GROUND	18	79.8375	79.8375	commanders etc. Any changes will be noted in IAP.		
	19	79.9625	79.9625	·		
DEC (DMD)	55	MRX 413.375	MTX 403.925	RFS to determine primar	y communications during an incident.	
RFS (PMR)	77	MRX 418.825	MTX 409.375	110.9 HZ TX & RX		
RFS (UHF) CB	27	Pulletop BFB				
KF3 (UHF) CB	37	Mangoplah BFB				
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 Pilots (chit chat) State wide State wide) "The Numbers" channel	Unauthorised and inappropriate use of Aviation Channels is a criminal offence	