



	Contact Information	
Agency	Position / Location	Phone
National Parks	Duty Officer (24 hour)	8275 1742
& Wildlife Service	Narrabri Area Office (bus. hours)	6792 7300
	Michael Brooks	0427 101 124
	Duty Officer	6792 3667
NSW Rural Fire Service	Zone Office	6792 3667
Gwydir Team	Moree Office	6752 2452
	Curragundi: John Greer	6753 3244 0427 104 100
Emergency Services	Police, Ambulance, Fire and Rescue NSW	000
SES		132 500
Police	Moree	6757 0799
Council	Moree Plains	6757 3222

Local Government Area: Moree Plains

Communications		
Service	Channel	Location and Comments
NPWS	311	Gwabegar
Repeaters	301	The Tops (marginal reception)
RFS	N008	Digital Voting
UHF - CB		 Small fires channel 10, large fires determined by IMT
Aviation - CTAF	134.70	NIB frequency unless another frequency is allocated on an incident
Cellphone		 Mobile coverage is generally poor for most of the reserve (possible in the vicini of Watercourse Rd). There is a mobile phone booster at Bunnor house. A satellite phone is recommended elsewhere.

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Operational Guidelines		
	• Aerial operations will be managed by trained and competent personnel. This includes directing aerial bombing and aerial ignition operations.	
Aerial	• The use of bombing aircraft without the support of ground-based suppression crews should be limited	
Operations	 to very specific circumstances. Aircraft may be the only option where risk of bogging prevents ground-based crews from reaching the 	
	fire.All aerial ignition operations require the consent of a senior NPWS officer or the Section 44 Appointee.	
	All personnel must be fully briefed before backburning operations begin.	
Backburning	 Backburning in areas of Low – Moderate OFH will require the use of wind, or low humidity to maximise effectiveness. 	
	Where possible back burning should be timed for late afternoon or early evening.	
Command &	• The first combatant agency on site may assume control of the fire, but then must ensure the relevant land management agency is notified promptly.	
Control	• The initial Incident Controller will liaise with the RFS to ensure that the agency in command is determined and an Incident Controller is appointed.	
	New containment lines require the prior consent of a senior NPWS officer.	
	• Construction of new containment lines should be avoided, where practicable, except where they can be constructed with minimal environmental impact.	
	• All personal involved in containment line construction should be briefed on, and must consider both	
	 natural and cultural heritage sites in the location. All containment lines not required for other purposes should be closed immediately at the cessation of 	
Containment Lines	 the incident. Access is limited and fire behaviour can be extreme in the Big Leather and Gingham wetlands. For this 	
Lines	reason, containment lines should be located on the margins of the wetlands to enhance crew safety.	
	Direct attack may be undertaken on small smouldering fires in low wetland vegetation with clear escape routes.	
	 Management trails are subject to periodic inundation and present risk of bogging. Causeways may be impassable when wet. 	
	The location of Curragundi Scheme Pipelines must be checked.	
	 Plant may only be used with the prior consent of a senior NPWS Officer. Plant must always be guided and supervised by an experienced officer, and accompanied by a 	
Earthmoving	support vehicle (NPWS). When engaged in direct or parallel attack, this vehicle must be a fire fighting vehicle.	
Equipment	Graders are the preferred type of heavy plant on this reserve.	
	 Plant must be washed down, where practicable, prior to it entering NPWS estate and again on exiting NPWS estate. 	
Fire	The use of foam, wetting agents and retardants will NOT be permitted within 50 metres of dams and watercourses holding water.	
Suppression Chemicals	• The aerial use of gels and retardants should be approved by a senior NPWS officer.	
Chemicals	 The use of retardants requires the approval of a senior NPWS officer. Where practicable, containment lines should be stabilised and rehabilitated as part of the wildfire 	
Rehabilitation	suppression operation. Windrows should be removed to allow water dispersal.	
	 Drainage lines and channels disturbed by the construction of containment lines must be rehabilitated. The tanks from the cap and pipe scheme are good sources of water. 	
Water Points	Consider deployment of a bulk water carrier to support fire operations.	
Smoke Management	• Potential smoke impacts and mitigation tactics will be assessed during the planning of fire operations.	
	Implement the emergency management plan during Severe + Fire Danger, or when fires are	
Visitor	threatening walking trails and public use facilities. Ensure the closure is advertised on the NPWS visitor website.	
Management	 A risk assessment of any guided activities will be undertaken if the FDI is Very High+, or if there is a fire in the reserve. 	
	• Potential EXTREME fire behaviour in tall sedgelands and reed beds and ephemeral grasslands.	
WARNINGS	 Beware large melon holes may develop on tracks in dry conditions. Bogging in heavy clay soils with only small amounts of rain. 	
	Bore drains and water channels have limited crossing points. Ensure crossing points are marked on the operations maps.	
	Black text – general guidelines Blue text – reserve specific guidelines Red text – important warnings	
Heritage Guidelines		
	IS 1 – As far as possible protect site from fire. Do not cut down trees.	
	IS 2 – As far as practicable protect the site from fire. Avoid all ground disturbance and driving over sites. Avoid water bombing which may cause ground disturbance.	
Aboriginal	IS 3 – Avoid all ground disturbance. Avoid water bombing. Site may be burnt by fire without damage. Modified trees	
Cultural Heritage	 As far as possible, protect the site from fire, and do not cut trees Use of foams & retardant is acceptable. 	
5	Habitation sites	
	 Exclude control line construction from sites. Consider a buffer zone of about 50 metres from the sites. AHMS databases must be checked as part of planning for fire operations. 	
Historic Sites	 Old Dromana Woolshed, Historic Grain Silo and Yards As far as possible, protect from fire. 	
	Use of foams & retardant is acceptable.	
Threatened	 The protective actions for threatened fauna have been incorporated into the Operational Guidelines Machinery should be excluded from the habitat of the Endangered Ecological Community "Marsh 	
Fauna &	Club Rush Wetlands and Riparian Open Woodlands".	
Flora	 Tree removal should be avoided in the endangered Ecological Community "Coolibah – Black Box Woodlands". 	
	• The soils within the reserve are generally highly dispersive, and very susceptible to erosion after disturbance. The construction of control lines aligned to the direction of water flow will be particularly	
Soil Erosion	vulnerable.	
Management	 Light blading must be employed during control line construction Removal of windrows after fire operations to allow water dispersal should occur as soon as 	
	operations are complete.	
Suppression Strategies		
Conditions Tall Reed and Sedg		
All Conditions	 Control lines should be established outside reeds or use existing trails, channels and low fuel areas. Allow reed beds and Marsh Club-rush to burn out. 	
All other vegetation	• Direct attack may be undertaken on small smouldering fires in low wetland vegetation with clear escape routes.	
Fire danger rating	Consider a broad containment strategy using existing roads, allowing long-term management requirements for	
LOW - HIGH	 biodiversity. Direct and parallel attack may be applied with earthmoving machinery and fire units. 	
Fire danger rating VERY HIGH -	 Fallback to existing trails and roads, recently burnt areas or vegetation with LOW OFH, when fire runs exceed control line construction rates. 	

VERY HIGH -

EXTREME

 Fire danger rating CATASTROPHIC
 Revert to property protection.

• Secure and deepen control lines on the next predicted downwind side of the fire.

• Backburning effectiveness will drop significantly in the after humidity starts to rise in the early evening.

Wildf	ires		ildfire season oc ve average rainfa
Prescr Burn		growth. Prescribed bu considered: • Thu • Lig	urning in the woo urning in the wetl ere should be su ht up access and rning should be o
Vegetation Formation (Keith)	Vegetation Man	agement Guidelines	Fire Behaviour
Semi-arid Woodlands (Grassy sub- formation) Belah / Coolibah / Myall Rosewood		als of less than 20 years. e of age classes to 40	 Potential rates of spread ar Mod due to low OFH. Fire may carry through this community after successive seasons have produced a g understorey.
Semi-arid Woodlands (Shrubby sub- formation) Lignum and river cooba		als of less than 20 years. e of age classes to 40	 Potential rates of spread ar Mod due to low OFH. Fire may carry through this community after successive seasons have produced a g understorey.
Arid Shrublands (Chenopod sub- formation)		als of less than 6 years. e of age classes to 40	 Potential rate of spread is I Low-Mod OFH in most yea Localised areas of High OF

ommon reed, iked sedge, arsh club rush, ssock rush, river ioba and lignum	 greater than 6 years is preferable. In River Cooba and Lignum associations a minimum interval of 10 years is preferred. Prescribed burning is not permitted under conditions of severe drought stress. 	above fuel loads in wetlanThe entire reedbed will bu dry conditions.Potential rates of spread v lower in River Cooba asso
rasslands	 The minimum interval between fire events should be 2 years. The maximum interval between fire events should be 10 years. 	 Potential rates of spread a dependent on seasonal collected of the seasonal collected of the spread occur in dry years. A Moderate to High OFH is develop after successive to seasons producing continuity ground cover. In these coor potential rate of spread ma Moderate to Very High.
rassy oodlands oplar Box	 The minimum fire interval in healthy stands of these grassy woodlands is five years. Where the health of the woodlands in compromised, the minimum fire interval should be increased to 10 years. The maximum fire interval is 40 years. 	 Potential rates of spread a Mod due to low OFH. Fire may carry through this community after successiv seasons have produced a understorey.
		Vege
Vegetation Threshold	Treatment	
Too Frequently Burnt	Fire thresholds have been excee possible.	eded. Protect from fire a
		Burnt if it burns this yea
Burnt Vulnerable to	possible. The area will be Too Frequently	Burnt if it burns this yea ble. Id for vegetation in this a

	to burn.
Unknown	Insufficient data to determine fire threshold.
No Regime Assigned	Areas which do not have recommended fire intervals ass to them eg. cleared land, rock.
NB. Fire thresholds are defined for vegetation communities to conserve biodiversity	

ire Type	Fire Details
	2017-18: Westholme Reedbed Stage 2 – Intense fire removed most standing vegetation in the reed bed
rescribed Burn	2017-18: Eastern Gwydir – Moderate – low intensity p burn that removed some surface and near-surface fue
	2016-17: Gwydir Farmblock – Patchy low intensity bu removed some surface and near-surface fuels
	2016-17: Gwydir Westholme – Intense fire that remove most standing vegetation in the reed bed
	2013-14: Bambatsi LMZ – Moderate intensity fire that removed much of the surface and near-surface fuels grassland dominated by Bambatsi grass
	2012-13: Old Dromana – Moderate intensity fire that removed much of the surface and near-surface fuels grassland dominated by native grasses
	2019-20: Watercourse Rd, Bullarah – Intense fire that removed most standing fuel in the Gingham Watercou reed bed
/ildfire	2016-17: Gwydir Westholme – Intense fire that remov most standing fuel in the Gingham Watercourse reed
	2013-14: Old Dromana Wetlands – Intense fire that removed most standing fuel in the Big Leather Water reed bed

Fire Management Zone	Treatment
Asset Protection Zones	The objective of APZ s is the protection of human property. This will have precedence over guidelines management of biodiversity. Maintain Overall Fuel Ha Moderate or below.
Strategic Fire Advantage Zones	The objective of SFAZ s is to reduce fire intensity in lo to assist containment of wildfires, by maintaining the Fuel Hazard less than HIGH.
Land Management Zones	The objective of LMZ s is to conserve biodiversity and cultural heritage. Manage fire consistent with fire thre

