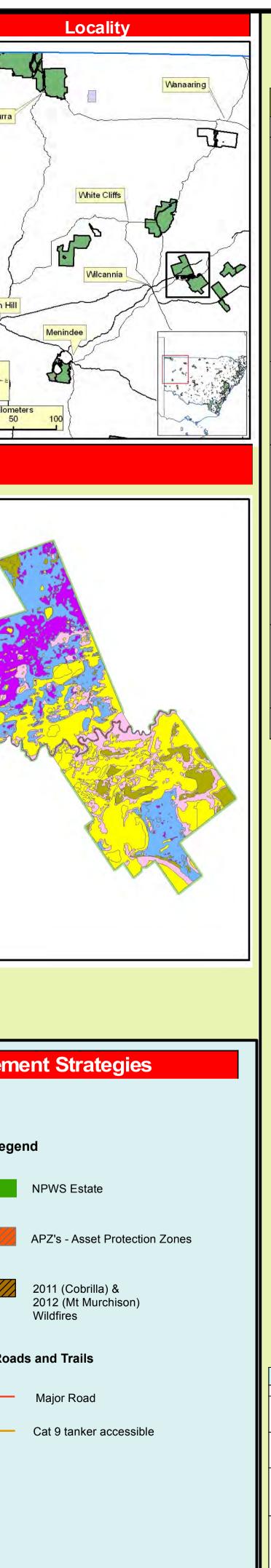
Wilc Wilc Wilc This strategy should be These data are not guaran disclaim liability for any This document is copyrig as permitted under the co This strategy is a re The NSW Nationa Publishe Conta ISBN <978 1 74359 621 0> Datum: Australian Geocent 1994 Projection: Australian Map Wildfires Prescribed	Map Details tric Datum of Australia (GDA) Data: Spot Satellite o Grid (AMG) Zone 54 Far West Region, F Murchison Section Scale: Noted scales Fire Season Informatio The critical wildfire season occurs durin is period may extend into the first half of quired during periods of negative South d of the critical fire season is often mai Prescribed burning should be undertaken rning may also be undertaken during laboration	al Park Sections tegy with the section of the sect	Service PDNP UHF RFS SES Wilcannia SES White Cliffs Agency Agency National Parks Wildlife Service Far West Zone NSW Rural Fire Service Emergency Services SES Police Council	Channel 35 20 3 32 Conta 6 Conta 7 Conta 7 Paroo-Darli (bus. hours 7 West Darlir (bus. hours 7 Wilcannia 7 Wilcannia 7 Wilcannia 7 Wilcannia 7	ng Area Office) Chris Favelle) – Robyn Favelle Fire Control (24 hours)	andalay, Wilga, avitra, Tilpilly shop. Phone 08 8080 3222 08 8080 3200 08 8080 3200 08 8080 3200 08 8080 3200 08 8080 3200 08 8083 7900 08 8083 7900 08 8083 7900 08 8083 1226 0407 904 940 08 8091 5963 000 132 500 08 8091 5963 000 132 500 08 8091 5880 08 8091 5880 08 8091 6606 000 08 8083 8091 08 8083 8091	
	Communities, Biodivers our and Availability for P Biodiversity Thresholds	rescribed Burns Fire Behaviour / Availability for	Legend				5
Arid / Semi- arid shrubland	 An interval between fire events less than 15years should be avoided A high intensity fire may be permitted after a fire free period>30years Two consecutive low intensity fires should be avoided Avoid two large area high intensity wildfires in a period less than 30 years. 	 Prescribe Burns Moderate fire spread with winds and low humidities. Backburning difficult without wind, if fuel level low or humidity is >40% Fire should be avoided in Chenopod shrubland. 	Mu Ari Riv Eu Leo Riv	ilga woodl d / Semi-a ver red gui calyptus w opardwood num shrul ver	and, Prickly Wattle rid shrubland woodland d grassy woodland oland, lakebed herl	bland	
River red gum	 Low tolerance for fires as this species is susceptible to low intensity fire events 	 The litter layer within the red gum community along the Darling corridor will hold a creeping fire. Probable ignition source is illegal campers lighting camp fires and occasional lightning strikes. 	ge fir th ca gr ye gr Recent Fire Co History Th Pa pr of	enerally carry res to develop e understorey aused by inter round. Howev ears of above rass and other ontinuous fuel ne frequency ark area is low reviously in the above average wo fires have	munities on the Park do r sufficient fuel load for larg . This is a result of low fue and the lack of spatial co mittent areas of bare eart er, after two or more cons average rainfall, the grow r annual grasses can creat load capable of carrying to of fire in the Paroo-Darling v. Large scale fires have of e region following consect ge winter/spring rainfall.	ge scale el levels in ontinuity h or rocky secutive th of spear ite a fire. g National occurred utive years	
Mulga woodland, Prickly Wattle	 Fires should be avoided. Mulga vegetation communities have a number of attributes that suggest they are adapted to very occasional fires. Trees are usually killed if the canopy is burnt and estimates of the time taken to produce seed after fire suggest that frequent fires could cause the contraction or loss of mulga¹. If a second fire occurs before it has time to set seed or the post-fire conditions are not suitable for regeneration, then it can potentially be eliminated from an area¹. A fire interval of approximately once 	 In normal years, Mulga shrubland does not carry sufficient fuel load to enable a large scale fire to develop. It is in the years following above average rainfalls, where there can be a significant increase in the biomass of annual grasses such as spear grass, that there is the potential for wildfire to carry into the mulga shrublands. Fire behaviour will be highly variable depending both on the presence of 	ar Li ig	nd late 2012 (s ghtning strike nition of recer re Histo	is the most common sour	rce of re Risk M	E -45 -6540 -35 -6530 -25 -6520
Man • Refe	 every 15 years is recommended for the Leopardwood as this species benefits from occasional fire events The natural fire regime for spear grass is unknown. Reference Documer tional Parks and Wildlife Servic agement Manual, 2013-14.> erence 1 - Williams J., Fire Reg acts in the Mulga landscapes of 	e Fire imes & their		Kilometers 0 2.5 5		85 790000m	-15 -6510 -05 -8500 Nuu000569



Ope Resource	erational Guidelines – Managed Sites Guidelines	General
IS	 Some Aboriginal cultural sites are identified in this plan on the main map. For further information concerning Aboriginal sites search AHIMS. Brief all personnel involved in containment line construction &/or vehicle based fire suppression operations regarding site 	Aerial operations
Indigenous Sites Aboriginal Cultural Heritage Site Management	 locations. No ground disturbance including the use of earth moving machinery to construct new trails, hand line construction, vehicles, back burning or water bombing in the vicinity of Aboriginal sites. Maintain vigilance for identifying unknown sites during operations. 	Backburning
HS Historic Heritage Site Management	 As far as possible protect site from fire. Do not cut down modified trees. Use of foams, wetting agents & retardant is acceptable. Brief all personnel involved in containment line construction &/or vehicle based fire suppression operations regarding site locations (see main map). Appropriate fire season preparation will be undertaken around heritage assets, particularly the homestead complexes. 	Command & Control
Threatened Fauna Management Threatened Flora	 A large number of fauna species listed as threatened are recorded and these utilise a wide range of habitats in the Park. Bushfire control operations should aim to: a) minimise area affected by wildfire; b) utilise the identified trails for containment; c) avoid the construction of new control lines; and d) minimise impact of control operations on key habitat Where practicable, avoid damaging or removing existing and future hollow bearing trees and protect them from fire. NO earth moving machinery, NO new control lines, NO foaming agents within 50m of wetlands, watercourses or dams wherever possible. Mulga communities (see vegetation map) are very sensitive and should be protected from fire and back burn operations, particularly where there is high annual fuel load or risk of 	Containment Lines
Management Machinery Exclusion Zone	 canopy fire. Fire should be avoided in arid / semi-arid shrublands (see vegetation map). Within 50m of wetlands, watercourses or dams wherever possible. 	
	NEIGHBOURS CONTACT DETAILS AILABLE IN THE FAR WEST REGIONAL INCIDENT PROCEDURES BOOKLET	Earthmoving Equipment
COBRILL		Fire Suppression Chemicals
	ROO-DARLING STATE ONSERVATION AREA MT MURCHISON	Rehabilitation Smoke Management
MT. MUR- CHI- SON	TREVALLYN V V V V V V V V V V V V V V V V V V V	Visitor Management WARNINGS
MT MURCHISON HOMESTEAD	CULTOWA	Evalu
	MURTEE	to Frequ Fires
Asset	Asset Protection Zones Location AMS Equipment Nur Wilcannia, Tilpa Rd – Wilga Section Image: Section	Within Frequer Thresho
Wilga Homestead / Wooleber	Complex Map: Callindra (7735) - 1:100 000 1317659	

	Asset Protection Zones		Th
Asset	Location	AMS Equipment Number	
Wilga Homestead / Woolshed Complex	Wilcannia, Tilpa Rd – Wilga Section 1317659 Map: Callindra (7735) - 1:100,000 1317659 Grid Reference - 0778200, 6519300 1317659		_
Wilga Coach and Horses Campground	Wilcannia, Tilpa Rd - Wilga Section Map: Callindra (7735) - 1:100,000 Grid Reference - 07 686 00, 65 165 00	1317660	
Mitchells Hut Historic Site	Mitchells Hut Road - Off the Wilcannia, Tilpa Rd Wilga Section Map: Callindra (7735) - 1:100,000 Grid Reference - 07 822 00, 65 113 00	1317661	Ma Fre Thi
	ed out annually within and surrounding asset protective to the set of the set		
required.			U

required.

The perimeter of all building assets (including homestead yard fences), heritage stockyards, park signage, entry bays and other assets are to have vegetation pruned away and ground cover slashed to two widths of the slasher (5-6m) away from asset

Operational Guidelines

	Operational Guidelines – General Operations	
	Guidelines	
	 Aerial operations will be managed by trained and competent personnel. This includes directing aerial bombing and aerial ignition operations 	
າຣ	• The use of bombing aircraft without the support of ground based suppression crews	
	 should be limited to very specific circumstances. All aerial ignition operations require the consent of the NPWS Regional Manager or 	
	the Section 44 Appointee.	
	All personnel must be fully briefed before back burning operations begin.	_
ing	 Backburning in areas of Low – Moderate OFH will require the use of slope, or wind, ar low humidity to maximize affectiveness. 	
ing	 or low humidity to maximise effectiveness. Where practicable, clear a 1m radius around dead and fibrous barked trees 	
	adjacent to containment lines prior to backburning, or wet down these trees as part	
	of the backburn ignition. This will reduce mop-up efforts.	_
	 The primary objectives of fire suppression activities on NPWS managed lands are to ensure the safety of incident personnel and the public, protect life and property, 	
1&	conserve natural and cultural heritage and maintain cost effectiveness.	
	NPWS should be notified immediately of any fire within or near a NPWS reserve.	
	 Where NPWS is not the first responding fire authority to arrive at a fire on NPWS - managed lands, a competent officer of the first arriving fire authority will direct fire 	
	management activities until a competent NPWS officer assumes control.	
	• On the arrival of other combatant agencies, the initial Incident Controller will consult	
	with regard to the ongoing command, control and incident management team	
	 requirements as per the relevant BFMC Plan of Operations. Standard Incident Management Systems are to be applied. 	
	Construction of new containment lines should be avoided, where practicable, except	
	where they can be constructed with minimal environmental impact. New	
	 containment lines require the prior consent of a senior NPWS officer. Hand tool lines may be used to contain wildfires to smaller areas, according listed 	
	suppression strategies.	
	Where practicable, containment lines should consider the protection of drainage	
	 features. All personal involved in containment line construction should be briefed on, and 	
ent	must consider both natural and cultural heritage sites in the location.	
	Where possible under benign weather conditions, consider allowing fires to be	
	contained by previously burnt areas and natural low fuel areas in preference to the construction of new control lines.	
	 If containment lines are required, where possible they should link up with fire trails, 	
	recently burnt areas and natural low fuel areas and utilise identified primary and	
	 secondary trails and existing cleared areas as containment lines. Dozers will operate with scrub-rakes in preference to blades to limit soil disturbance 	
	and graders will be preferred in speargrass fuel conditions in open vegetation	
	communities	
	 Equipment Location: Cat 9 slip-on units are based at Wilcannia, Peery and Tilpilly 	
	- Caterpillar 140H grader (within West Darling Area)	
	- Caterpillar 908 loader with scrub-rake (within West Darling Area)	
	Cat 9 appliances are the preferred vehicle on Paroo -Darling NP. Earth moving aguinment may only be used with the prior concernt of the Senior NDWS Officer, and	
ng	equipment may only be used with the prior consent of the Senior NPWS Officer, and then only if the probability of its success is high.	
nt	 Earthmoving equipment must always be guided and supervised by an experienced 	
	officer, and accompanied by a support vehicle. When engaged in direct or parallel	
	 attack this vehicle must be a fire fighting vehicle. Earthmoving equipment must be washed down, where practicable, prior to it 	
	entering NPWS estate and again on exiting NPWS estate.	
	Observe the threatened species and cultural heritage operational guidelines.	_
	 The use of foam, wetting agents and retardants will be permitted on the reserve The use of fire suppression chemicals are not to be applied within 50m of water 	
on Is	courses, dams and swamps.	
	The use of retardants requires the approval of the Regional Manager or delegate Where practical, containment lines should be stabilised and rehabilitated as part of	_
ion	 Where practical, containment lines should be stabilised and rehabilitated as part of the wildfire suppression operation. 	
	 Potential smoke impacts and mitigation tactics will be assessed during the planning 	\neg
• • • •	of fire operations.	
ent	 If smoke becomes a hazard on roads / highways, management must be in accordance with relevant RTA traffic management guidelines. 	
	 The reserve may be closed to the public during periods of extreme fire danger or 	_
ent	during fire operations.	
S	Beware overhead powerlines	

Status of Biodiversiy Thresholds

Evaluation of Biodiversity Thresholds			0	8980000 8990000 9000000 9010000 9020000	0
Vulnerable	Fire thresholds easily exceeded. Species may		4730000 1		4730000
to Frequent Fires	become extinct due to insufficient time to mature and reproduce · Protect from fire as far	4720000 1		4720000	
	as possible. Within the threshold for vegetation in this area. Species have had		4710000		4710000
Within Frequency Threshold	sufficient time to mature and reproduce, and for habitats to develop. • A fire event is neither		4700000		4700000
Above	required or to be avoided Underburnt, excessive time since last fire. Species may become		4690000		4690000
Maximum Frequency Threshold	extinct. • A fire event will be ecologically advantageous. Consider		4680000		4680000
	allowing unplanned fires to burn		4670000 -		4670000
Unknown NB. Fire thresholds a	Insufficient data to determine fire threshold. re defined for vegetation communities to		46	8980000 8990000 9000000 9010000 9020000	4
conserve biodiversity				0300000 0330000 3000000 3010000 9020000	

Incident Map Paroo-Darling NP Wilga / Mt Murchison

