

SBN 978 1 74359 341 7 OEH 2013/ 0820

Mallee Cliffs National Park Fire Management Strategy 2013

This strategy should be used in conjunction with aerial photography and field reconnaissance during incidents and the development of incident action plans.

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 Office of Environment and Heritage Fire Management Manual 2012 - 2013 (NSW),

anagement Pian - Mailee Cliffs National Park (2006). Depar	tment of Environment and Conse
, Lower Darling Area.	

Additional notes	

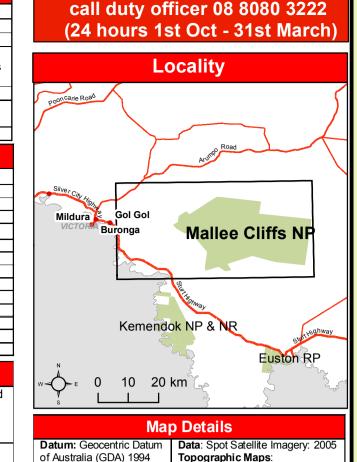
Date Approved: December 2013

Communications Information Service NPWS HF Radio RFS PMR Radio Patchy reception throughout park with external aerial/car kit (OK in Mobile phone – Next G higher areas and in western half of the park - none in low lying areas or eastern third of the park) Mobile phone - GSM / 3 No service available Yes - Globalstar network has intermittent service due to reduced Satellite Phone number of satellites

Humber of Satellites.	
3 IMT may change channel if required.	
Contact Information	
Position / Location	Phone
Far West Regional Duty Officer (24 hour)	08 8080 3222
Area Office (bus. hours)	03 5021 8900
Lower Western Zone RFS Office	03 5027 4422
Operations Officer: Steve Walker	0428 598 376
	000
Mildura (VIC) and Wentworth (NSW) enquiries onl	y 03 5023 0011
Emergencies	13 2500
Wentworth	03 5027 5100
Dareton Station	03 5027 7599
Buronga Station	03 5023 2262
Euston Station	03 5026 3101
Wentworth Shire Council (bus. hours)	03 5027 5027
After Hours and Emergency	03 5027 5091
	Contact Information Position / Location Far West Regional Duty Officer (24 hour) Area Office (bus. hours) Lower Western Zone RFS Office Operations Officer: Steve Walker Mildura (VIC) and Wentworth (NSW) enquiries onl Emergencies Wentworth Dareton Station Buronga Station Euston Station Wentworth Shire Council (bus. hours)

	Dareton Station	03 5027 7599
Police	Buronga Station	03 5023 2262
	Euston Station	03 5026 3101
Council	Wentworth Shire Council (bus. hours)	03 5027 5027
Council	After Hours and Emergency	03 5027 5091
Fire Season Information		
Wildfires	The critical wildfire season occurs during November and February. This period may extend into the first half of March. Particular care is required during periods of negative Southern Oscillation Indices. The end of the critical fire season is often marked by a decline in temperature and rising humidity.	
Prescribed Burning	Prescribed burning should be undertaken before autumn rain effectiveness. Burning may also be considered during late wir dependent on seasonal factors. Prescribed burning undertake	nter and early spring

the statutory bushfire season should be fully contained.



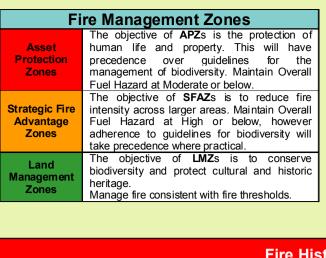
1:100.000 Wild Dog 7429.

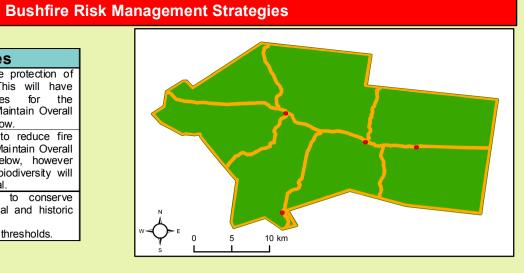
1:50.000 Mildura 7329-N

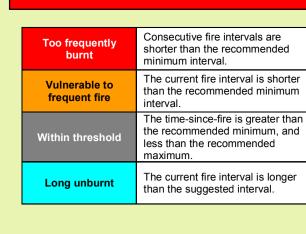
Projection: Map Grid of

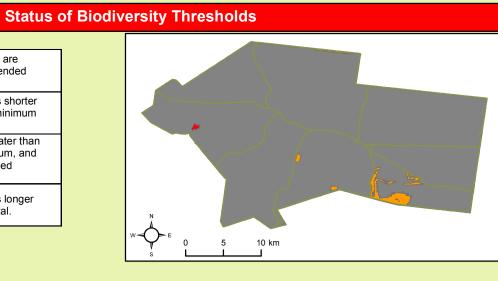
Australia (MGA) Zone 54

In case of emergency









665000

Fire History and	Neighbours		Operational Guidelines - Heritage
	Banya (Pt Montage Wild Dog (Pt Woorlong)	Resource	Guidelines
Prescribed burns that have occurred within the 20 years (1993/94 to 2012/13) Wildfires that have occurred within the 20 years (1993/94 to 2012/13) Neighbours details can be found within the current Regional Incident Procedures (RIP) book	Trentham Cliffs Banoon Gulthul Kerribee Pt Mt Dispersion Pt Koolamar Gulthul	Aboriginal Cultural Heritage Site Management	Ground based sites (AS2), including artefacts and grinding grooves Protect site from any ground disturbance, including the use of earth-moving equipment, vehicles and water bombing Apply a machinery exclusion area where there is a high concentration of known sites Area may be burnt Burial sites (AS3) Protect sites from any disturbance by excluding operations by at least 25 metres Area may be burnt Heritage Sites Protect the sites from fire by slashing in high ephemeral growth years. Exclude site from fire where possible, including the construction of a control line around the perimeter Foam may be used to protect the site, or to extinguish fire Threatened species – Malleefowl (Leipoa ocellata) Avoid burning large areas of prime malleefowl habitat during breeding season (September – March). Exclude heavy machinery from known malleefowl nest sites. Aim to protect at least 50% old growth mallee (40 – 100 years +) throughout the park.

Operational Guidelines General Guidelines • Aerial operations will be managed by trained and competent personnel. This includes directing aerial bombing and aerial ignition The use of bombing aircraft without the support of ground based suppression crews should be limited to very specific circumstances. • The use of bombing aircraft should support containment operations by aggressively attacking hotspots and spot-overs. **Aerial operations** • Where practical foam should be used to increase the effectiveness of the water. Ground crews must be alerted to water bombing operations. • Aerial ignition operations require the consent of NPWS Regional Manager, OEH Section 44 delegate or as prescribed in an operational burn plan. Utilise incendiaries to rapidly burn out large areas where required. All personnel must be fully briefed before back-burning operations begin. Backburning is a valid and useful fire fighting tool in mallee environments, but should only be undertaken when temperature and Backburning humidity allow (generally late afternoon and evening), by experienced personnel and after careful consideration by the Incident Prior to backburning, where practical, clear a 1m radius around dead or hollow bearing trees and active malleefowl nest adjacent to containment lines, or wet down these trees during the ignition. 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 Command & 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. Where OEH is not the first responding fire authority to arrive at the fire on OEH-managed lands a competent officer of the first arriving fire authority will direct fire management activities until a competent OEH officer assumes control (unless prior agreements have been • Construction of new containment lines should be avoided, except where they can be constructed with minimal environmental impact. • The biodiversity objectives and locations of significant species will be considered when locating control lines. Link up with SFAZ's, recently burnt areas and areas with low fuel loads as much as possible when planning and constructing control lines. New containment lines require the prior consent of a senior NPWS Officer. Containment Lines Where practical all attempts will be made to exclude the construction of control lines within 100 metres of cultural sites and dune • All personnel involved in containment line construction should be briefed and must consider both natural and cultural heritage sites in the location. Containment line construction using earthmoving equipment must be in accordance with the earthmoving guidelines outlined below. • All containment lines not required for other purposes will be closed at the cessation of the incident. • 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 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 Earthmoving equipment must be washed down, where practical, prior to it entering NPWS estate and again on exiting NPWS estate. Experienced NPWS personnel will operate heavy plant in preference to contractors. • Construction of control lines with heavy plant along sand dune crests will be avoided where practical. Dozers will operate with rakes in preference to blades to reduce soil disturbance. • Graders will be preferred in speargrass fuel conditions in open vegetation communities. • The use of foam, gels and retardants will be permitted on the reserve Fire Suppression Chemicals • Fire suppression chemicals are not to be applied within 50m of water courses and dams. Rehabilitation • Containment lines will be stabilised and rehabilitated as part of the wildfire suppression operation. • Consider deployment of a bulk water carrier to support fire operations. Watering points • Water points (fibreglass tanks) at Pine Tank and the Salt Interception Scheme (SIS) are filled prior to the fire season. • Potential smoke impacts and mitigation tactics will be assessed during the planning of fire operations. Smoke Management If smoke becomes a hazard on local roads or highways, the police and relevant media must be notified. Visitation without prior approval is not permitted in the park. Visitor Management ROADS MAY BECOME BOGGY AND UNTRAFFICABLE AFTER RAIN.

WARNINGS	FIRE BEHAVIOUR IN MALLEE COMMUNITIES CAN BE EXTREME AND UNPREDICTABLE
	Suppression Strategies
Conditions	Guidelines
	Mallee-spinifex
Fire danger rating LOW - HIGH	Where possible and without excessively increasing fire size allow wildfires to be contained by previously burnt areas and natural low fuel areas. Consider broad containment strategies using existing roads and areas with low OFH, adhering to long-term management requirements for biodiversity.
	Direct and parallel attack may be applied with earthmoving machinery and fire units, only on dead edges or in vegetation with low OFH.
	Fall back to existing trails and roads, recently burnt areas or vegetation with low OFH.
Fire danger rating	Do not attempt back-burning in the predicted path of running fire in this vegetation.
VERY HIGH - EXTREME	Back-burning effectiveness will drop significantly when humidity starts to rise and wind drops in the early evening.
	Parallel attack may be applied with earthmoving machinery and fire units, only on dead edges or in vegetation with low OFH.
	Mallee shrublands
Fire danger rating LOW - HIGH	Where possible and without excessively increasing fire size allow wildfires to be contained by previously burnt areas and natural low fuel areas. Consider broad containment strategies using existing roads and areas with low OFH, adhering to long-term management requirements for biodiversity.
2011 111011	Direct and parallel attack may be applied with earthmoving machinery and fire units, only on dead edges or in vegetation with low OFH.
	Fall back to existing trails and roads, recently burnt areas or vegetation with LOW OFH.
Fire danger rating	Do not attempt back-burning in the predicted path of running fire in this vegetation.
VERY HIGH - EXTREME	Back-burning effectiveness will drop significantly when humidity starts to rise and wind drops in the early evening.
	Parallel attack may be applied with earthmoving machinery and fire units, only on dead edges or in vegetation with low OFH.
	Belah woodland, Mixed open shrubland/woodland & Open herbland/grasslands
Fire danger rating	Consider a broad containment strategy using existing roads, allowing long-term management requirements for biodiversity.
LOW - HIGH	Direct and parallel attack may be applied with earthmoving machinery and fire units only on dead edges, or in vegetation with LOW OFH.
Parada a series de la constante de la constant	Fall back to existing trails and roads, recently burnt areas or vegetation with LOW OFH.
Fire danger rating VERY HIGH - EXTREME	Back-burning effectiveness will drop significantly in the after humidity starts to rise, and wind drops, in the early evening.
VERTINGIT - EXTREME	Parallel attack may be applied with earthmoving machinery and fire units only on dead edges, or in vegetation with LOW OFH.

