

Hunter Region Tomalla Nature Reserve Fire Management Strategy (Type 2) 2009 Sheet 1 of 1

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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Department of Environment and Climate Change
This strategy is a relevant Plan under Section 38 (4) and Section 44 (3) of Rural Fires Act 1997.

Endorsed by: John O'Gorman Date: 14 03 2007
Director Northern, Parks & Wildlife Group

Locality

Index

Operational Guidelines	General
<p>Refer to the Fire Management Manual Brief all personnel involved in suppression operations on the following issues:</p> <p>Resource Insert reserve specific guidelines for known sites (select from modify following noting restricted activities):</p> <p>Aboriginal Cultural Heritage Site Management Insert reserve specific guidelines for known sites (select from modify following noting restricted activities):</p> <p>Historic Heritage Management Insert reserve specific guidelines for known sites (select from modify following noting restricted activities):</p> <p>Threatened Fauna Management Insert reserve specific guidelines for known sites (select from modify following noting restricted activities):</p> <p>Threatened Flora Management Insert reserve specific guidelines for known sites (select from modify following noting restricted activities):</p> <p>Threatened Property Insert reserve specific guidelines for known sites (select from modify following noting restricted activities):</p>	<p>Aerial Water Bombing NSW Fire Agencies Aviation SOPs 02 NPWS Guidelines for Effective Aircraft Management</p> <p>Aerial Ignition NSW Fire Agencies Aviation SOPs 02-4 NPWS Guidelines for Effective Aircraft Management</p> <p>Backburning Insert reserve specific or generic guidelines (select from modify following):</p> <p>Command & Control Insert reserve specific or generic guidelines (select from modify following):</p> <p>Containment Lines Insert reserve specific or generic guidelines (select from modify following):</p> <p>Fire Suppression Chemicals Insert reserve specific or generic guidelines (select from modify following):</p> <p>Fire Advantage Recording Insert reserve specific or generic guidelines (select from modify following):</p> <p>Earthmoving Equipment Insert reserve specific or generic guidelines (select from modify following):</p> <p>Rehabilitation Insert reserve specific or generic guidelines (select from modify following):</p> <p>Smoke Management Insert reserve specific or generic guidelines (select from modify following):</p> <p>Visitor Management Insert reserve specific or generic guidelines (select from modify following):</p>

Risk Management Information

Asset Protection Zones - The objective of APZs is the protection of human life and property. This will have precedence over guidelines for the management of biodiversity. Maintain Overall Fuel Hazard at Moderate or below.

Strategic Fire Advantage Zones - The objective of SFAZs is to reduce fire intensity across larger areas. Maintain Overall Fuel Hazard at High or below, however adherence to guidelines for biodiversity will take precedence where practical.

Land Management Zones - The objective of LMZs is to conserve biodiversity and protect cultural heritage. Manage fire consistent with fire thresholds.

Bushfire Suppression

Strategy Information

Wildfires
Reservoirs of the Hunter Region are located in a zone between sub-tropical, summer maximum rainfall patterns to the north and temperate, winter maximum patterns to the south.
Most extreme fire weather conditions occur during spring and early summer resulting in moderate temperatures, low relative humidity and strong winds.
Suboptimal rainfall in January usually ends the fire season in most years, however, if rain events do not occur the fire season may last from August to March.

Prescribed Burning
General season is Autumn to late Winter due to low fire risk and lower ecological impact, however burning is not desirable on a regular basis from a tourism point of view.
Burning is possible in early Spring under suitable weather conditions, but is not desirable on a regular basis from an ecological or tourism point of view.

Status of Fire Thresholds

Scale 1:50 000

Fire Thresholds

Overburnt - Fire thresholds have been exceeded. *Protect from fire as far as possible.*
Vulnerable - The area will be Overburnt if it burns this year. *Protect from fire as far as possible.*
Recently Burnt - Time since fire is less than the optimum interval, but before that it was within threshold. *Avoid fire if possible.*
Within Threshold - Fire history is within the threshold for vegetation in this area. *A burn is neither required nor should one necessarily be avoided.*
Almost Underburnt - The area is close to its threshold and may become underburnt with the absence of fire. *If prescribed burn may be advantageous. Consider allowing unplanned fires to burn.*
Underburnt - Fire frequency is below fire thresholds in the area. *A prescribed burn may be advantageous. Consider allowing unplanned fires to burn.*
Unknown - Insufficient data to determine fire threshold.

NB: Fire thresholds are defined for vegetation communities to conserve biodiversity

Vegetation

Scale 1:50 000

BUSHFIRE SUPPRESSION LEGEND

Recent Fire History
Burnt Current Season
Burnt 2 Seasons Ago
Burnt 3 Seasons Ago

Fire Roads & Trails
Cat 1, Essential
Cat 7, Essential
Cat 9, Essential
Dominant
Unknown

Site Management
Aboriginal Site
Historic Site
Threatened Fauna
Threatened Flora
Threatened Property

Other Symbols
Airbase
Base Camp
Caution
Communications Tower
Fire Tower
Gate non PWG
Heli Landing Site
Helipad
Refuge Area
Staging Area
Threatened Property
Turning Point
Vantage Point
Water Point H & V
Water Point Helicopter
Water Point Vehicle

Scale 1:25 000

Contact Information

Agency	Position / Location	Number
NPWS	Hunter Region Duty Officer (24 hr)	016 301161 / 0429 144880
	Upper Hunter Area Manager	6540 2306 / 0429 144876
	Senior Field Supervisor	6540 2304 / 0429 144884
	Fire Management Officer	4884 8206 / 0429 144870
	Operations Coordinator	4884 8212 / 0429 144872
RFS Tamworth	Upper Hunter Area Office	6540 2300 / (fax) 6545 3475
	Hunter Regional Office	4884 8200 / (fax) 4981 5913
NSW Fire Brigade	Fire Control Officer	6762 7641 / (fax) 67661160
	Fire Control Centre (24hr)	000
SES	Newcastle Communications (24hr)	49297 177 / (fax) 4927 2580
Police	Narrabri	6769 3231 / (fax) 6769 3223
Ambulance	Emergency	000
Hospital	Bookings	131233
Council	Emergency	000
	Tamworth Regional	6755 4555 / (fax) 6755 4499
State Forests NSW	Tamworth	000
	Walcha Duty Officer (24hr)	6777 2511 / (fax) 6777 2179

Communication Information

Service	Channel	Location and Comments
NPWS - VHF	25 or 32	Select channel with best reception
RFS - PMR	42	Yerrowin Trig Baldy Knob near Nundle
RFS - CB Fire Callup	5	Stirling (to be call)
UHF - CB	140	Available in most RFS vehicles
NPWS-VHF Portable Repeater	Repeater Ch. 7 UHF	Choose channel on fire-ground with RFS
Mobile Phone	15	Can be located anywhere
State Forests NSW - VHF	3	Kept at Regional Office
	-	Poor coverage
	-	Yerrowin repeater