

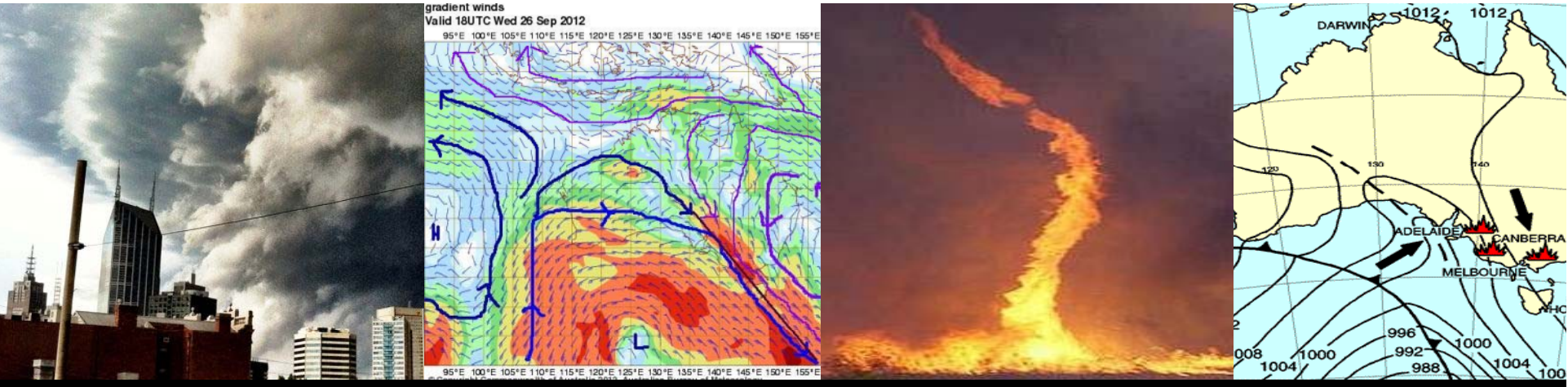


SCC Activation Level: Tier 3

Friday, 7th February, 2014

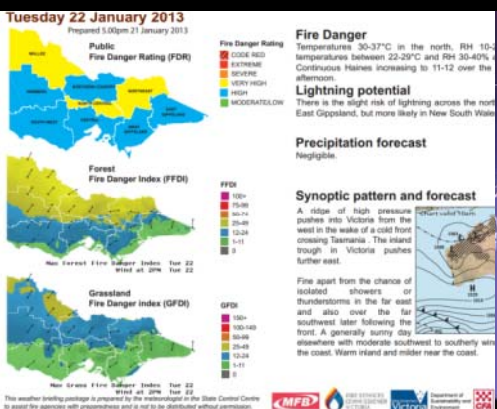


FOR OFFICIAL USE ONLY

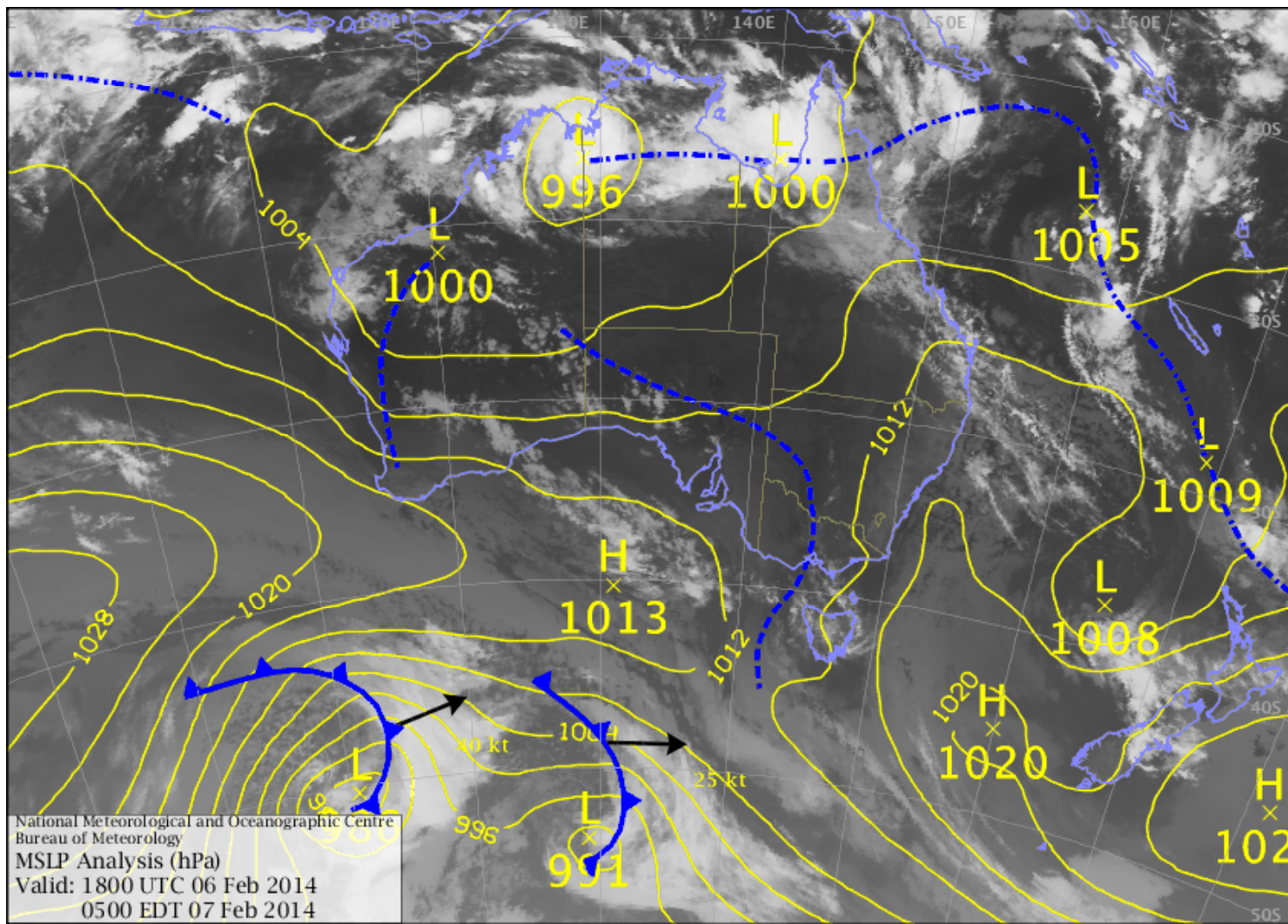


State Weather Update

FOR OFFICIAL USE ONLY

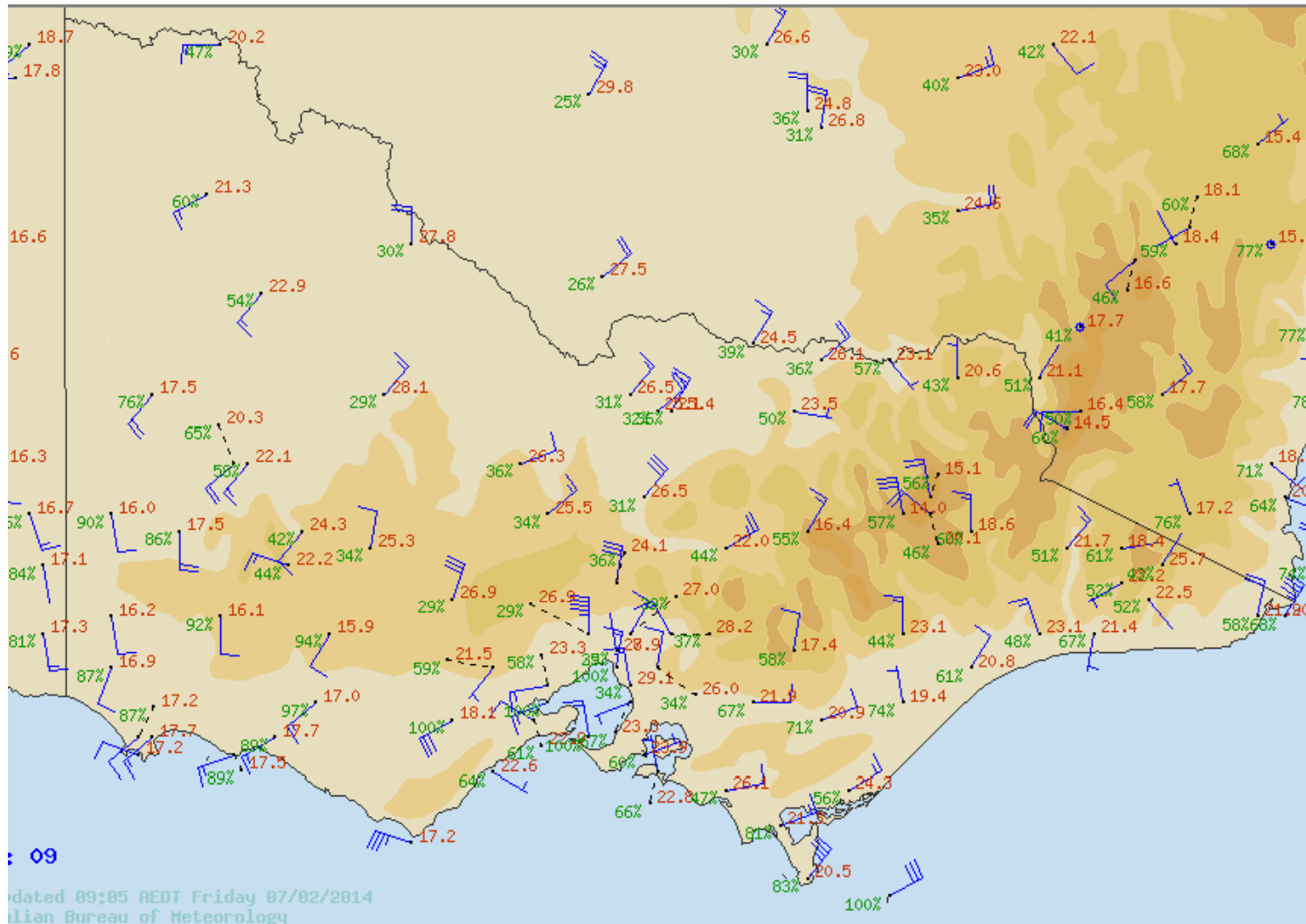


Situation > Weather > Satellite & Synoptic Chart



FOR OFFICIAL USE ONLY

Situation > Weather > 9am weather observations

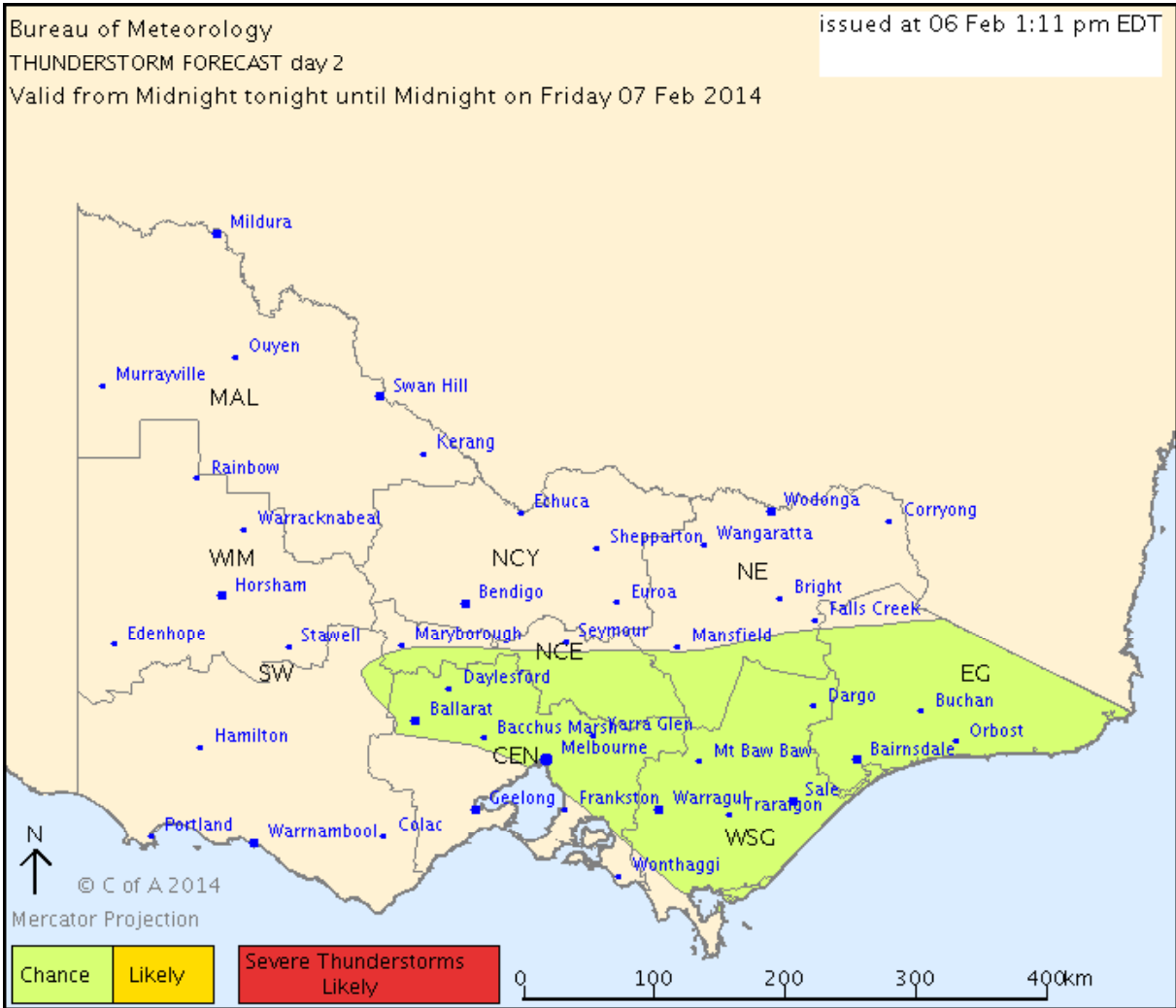


FOR OFFICIAL USE ONLY

Situation > Weather > Thunderstorm Potential

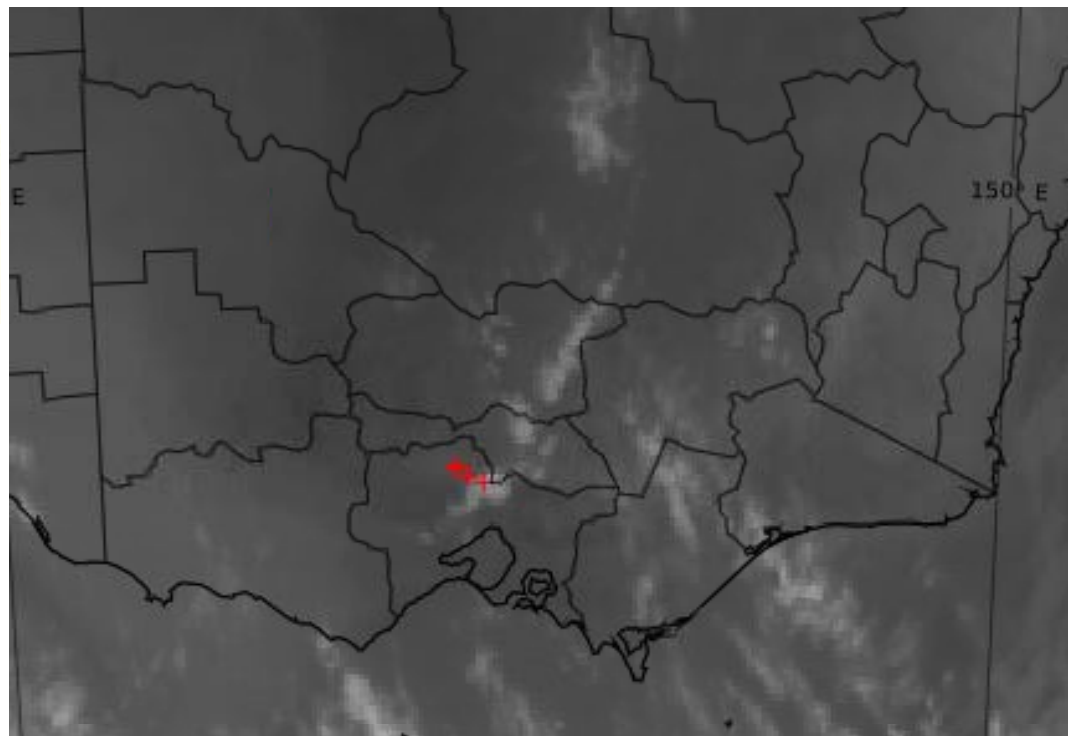
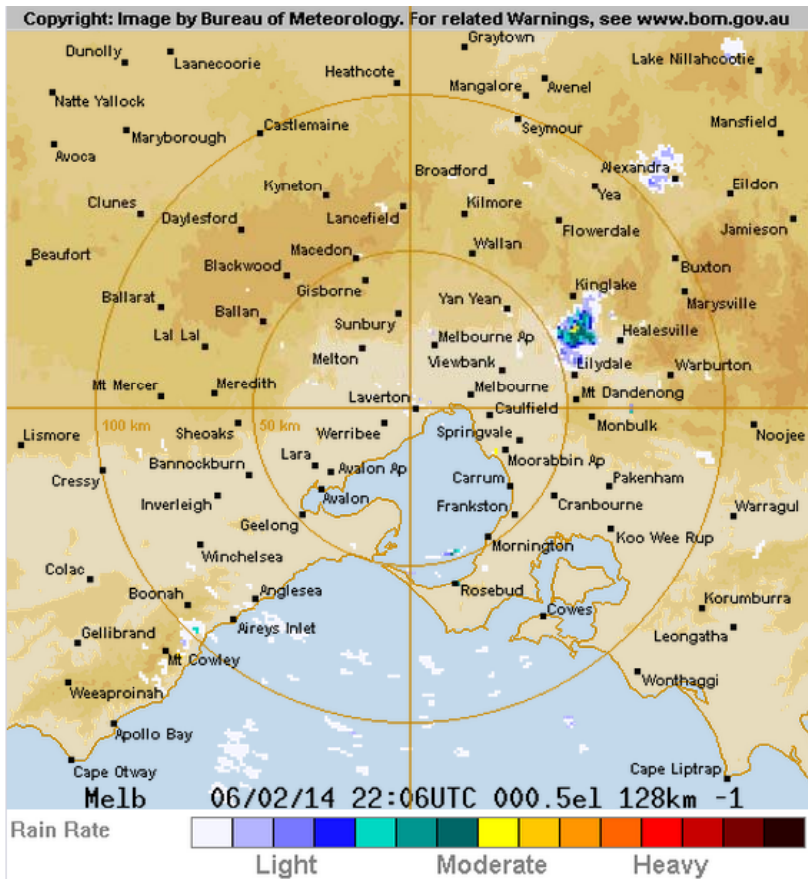


Thunderstorm forecast issued on Thursday for today



FOR OFFICIAL USE ONLY

Situation > Weather > Thunderstorm this morning

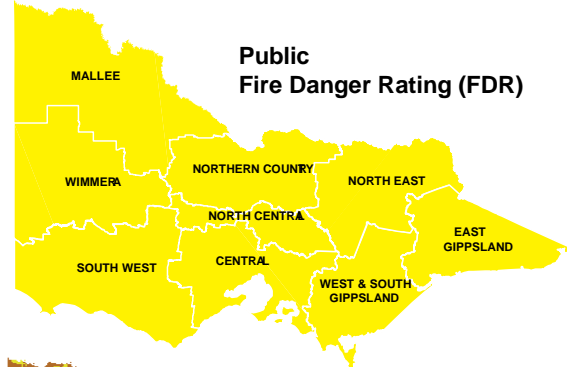


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Friday 7 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 9.00am 7 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

- CODE RED
- EXTREME
- SEVERE
- VERY HIGH
- HIGH
- MODERATE/LOW

Fire Danger

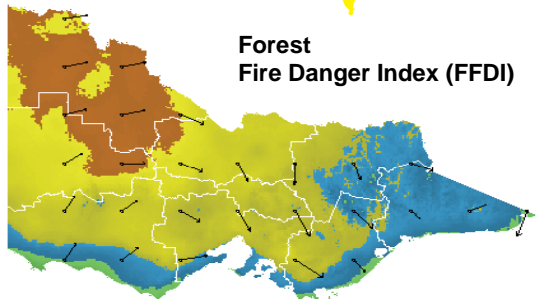
Max temps ranging from 37-41°C in the north to 32-36°C in the south. Afternoon RH falling to 10-20%, closer to 30-50% near the coast. Morning low level northerly low-level jet easing. Trough in the west pushing inland shifting winds south to southwest. C-Haines 10-12.

Lightning potential

Slight risk of isolated thunderstorms through Gippsland and the Central district during the afternoon, including the central and eastern ranges, as a seabreeze enhanced trough pushes inland from the coast.

Precipitation forecast

Isolated afternoon showers and possible thunderstorms in the east during the afternoon resulting in localised falls typically less than 5mm.

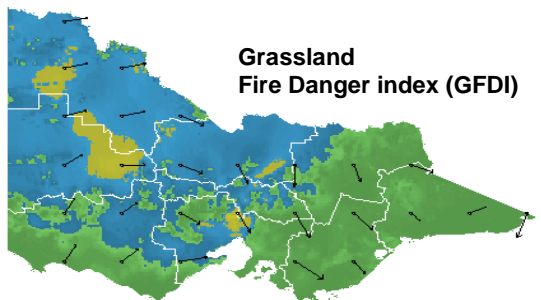


Forest Fire Danger Index (FFDI)

FFDI

- 100+
- 75-99
- 50-74
- 25-49
- 12-24
- 0-11

Max Forest Fire Danger Index Fri 07
Wind at 2PM Fri 07



Grassland Fire Danger Index (GFDI)

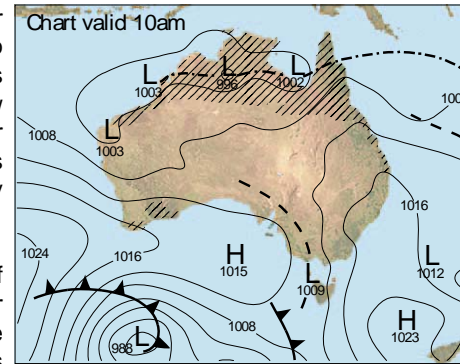
GFDI

- 150+
- 100-149
- 50-99
- 25-49
- 12-24
- 0-11

Max Grass Fire Danger Index Fri 07
Wind at 2PM Fri 07

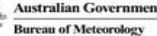
Synoptic pattern and forecast

A high pressure system over the Tasman Sea is predicted to weaken and move towards New Zealand on Friday. A low pressure trough exists over western Victoria and is expected to move gradually eastwards.



Fine apart from the chance of isolated showers or thunderstorms about the central and eastern ranges during the afternoon. A generally hot day with moderate to fresh north to northwesterly winds. A milder southwesterly change in the west during the morning, extending to central districts in the afternoon and weakening in the east at night.

This weather briefing package is prepared by the meteorologist in the State Control Centre to assist fire agencies with preparedness and is not to be distributed without permission.

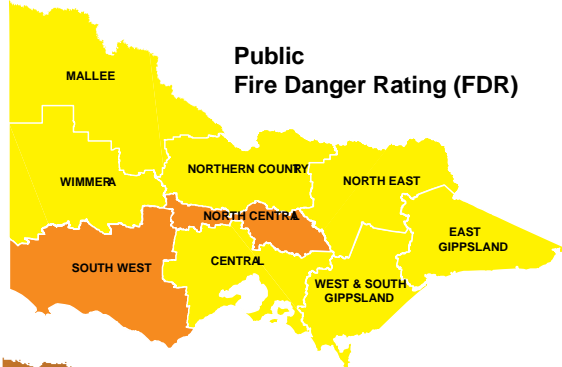


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Saturday 8 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 9.00pm 7 February 2014



- Fire Danger Rating**
- CODE RED
 - EXTREME
 - SEVERE
 - VERY HIGH
 - HIGH
 - MODERATE/LOW

Fire Danger

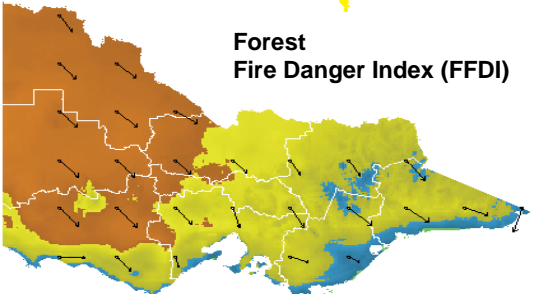
Maximum temps generally 38-43°C, slightly cooler near the coast with afternoon seabreezes. Afternoon humidity generally 8-15%, reaching 35% close to the coast. Moderate north to northwest winds. C-Haines reaching 10-13. A warm, dry night to follow with poor humidity recovery.

Lightning potential

Nil.

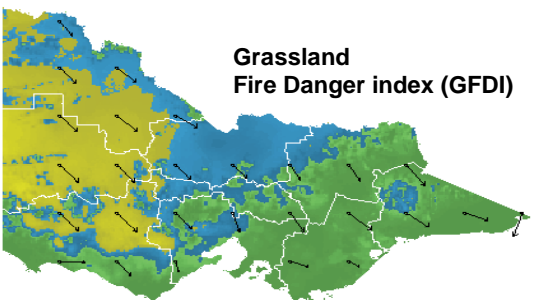
Precipitation forecast

Nil.



- FFDI**
- 100+
 - 75-99
 - 50-74
 - 25-49
 - 12-24
 - 0-11

Max Forest Fire Danger Index Sat 08
Wind at 2PM Sat 08

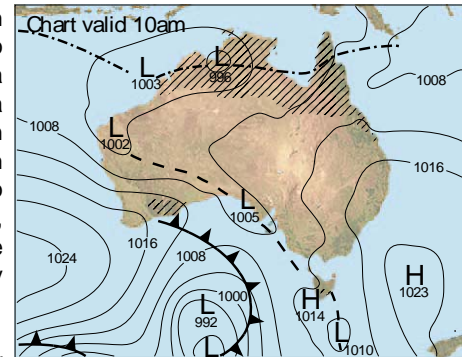


- GFDI**
- 150+
 - 100-149
 - 50-99
 - 25-49
 - 12-24
 - 0-11

Max Grass Fire Danger Index Sat 08
Wind at 2PM Sat 08

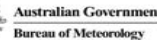
Synoptic pattern and forecast

A "quasi-stationary" high pressure system is expected to persist over the Tasman Sea on Saturday and extend a ridge into Central Australia. An inland low pressure trough over the Bight is predicted to move slowly toward Victoria, while a cold front crossing the Southern Ocean rapidly catches up with the trough.



Hot to very hot and mostly sunny although some milder sea breezes about the coastal fringe. Light to moderate northerly winds, shifting milder southwesterly in the west at night.

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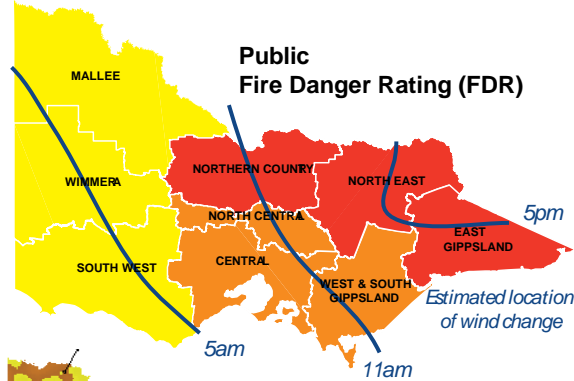


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Sunday 9 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 9.00am 7 February 2014



- Fire Danger Rating**
- CODE RED
 - EXTREME
 - SEVERE
 - VERY HIGH
 - HIGH
 - MODERATE/LOW

Fire Danger

Warm night with poor humidity recovery early morning. Maximum temps 36-42°C ahead of an early cool change. Afternoon RH generally 8-15% ahead of the change. Locally strong northerly winds early morning ahead of a gusty southwest wind change. C-Haines reaching 10-13.

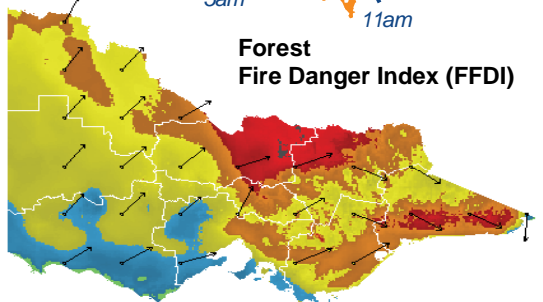
Lightning potential

Given the dynamic nature of the situation and the presence of a strong upper jet there is an analysed risk of thunderstorm development over the southwest during the morning.

Precipitation forecast

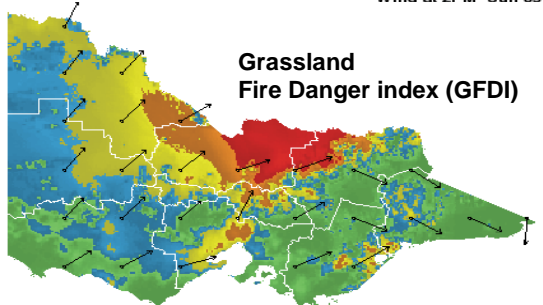
Precipitation likely to be localised with showers and possible thunderstorms over the southwest, with totals typically 5mm or less.

Critical fire weather ahead of wind change



- FFDI**
- 100+
 - 75-99
 - 50-74
 - 25-49
 - 12-24
 - 0-11

Max Forest Fire Danger Index Sun 09
Wind at 2PM Sun 09

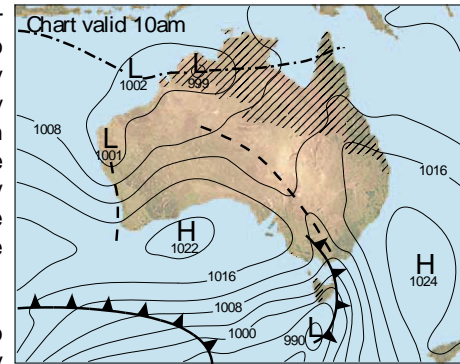


- GFDI**
- 150+
 - 100-149
 - 50-99
 - 25-49
 - 12-24
 - 0-11

Max Grass Fire Danger Index Sun 09
Wind at 2PM Sun 09

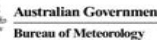
Synoptic pattern and forecast

A low pressure trough over western Victoria is expected to be captured by a rapidly approaching cold front Sunday morning, which is then predicted to sweep across the State. Some uncertainty associated with wind change timing associated with the front.



Hot at first with moderate to fresh north to northwesterly winds. A gusty southwesterly change in the west, moving to central districts in the morning and extending through the east in the afternoon. Isolated showers in the southwest.

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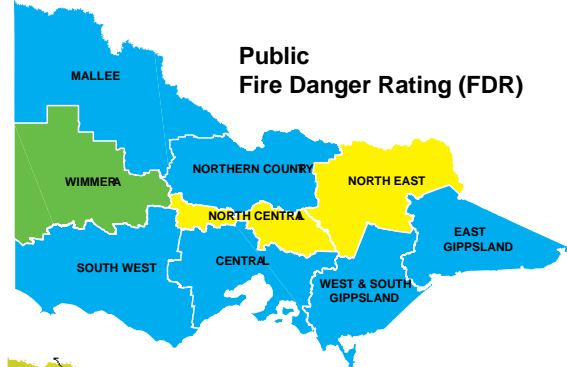


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Monday 10 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 9.00am 7 February 2014



Public Fire Danger Rating (FDR)

- Fire Danger Rating**
- CODE RED
 - EXTREME
 - SEVERE
 - VERY HIGH
 - HIGH
 - MODERATE/LOW

Fire Danger

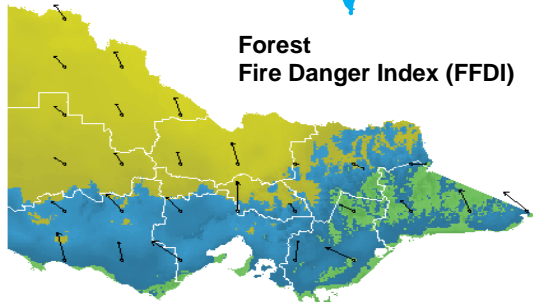
Conditions stabilise very quickly on Monday. Maximum temps 31-36°C in the north and 24-29°C in the south. Afternoon humidity grading from 10-20% in the north to 20-40% in the south. Southeasterly airflow with afternoon coastal seabreezes.

Lightning potential

Nil.

Precipitation forecast

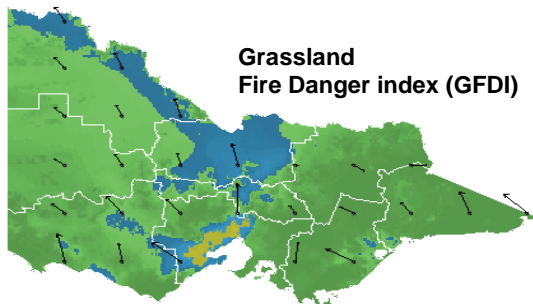
Nil..



Forest Fire Danger Index (FFDI)

- FFDI**
- 100+
 - 75-99
 - 50-74
 - 25-49
 - 12-24
 - 0-11

Max Forest Fire Danger Index Mon 10
Wind at 2PM Mon 10



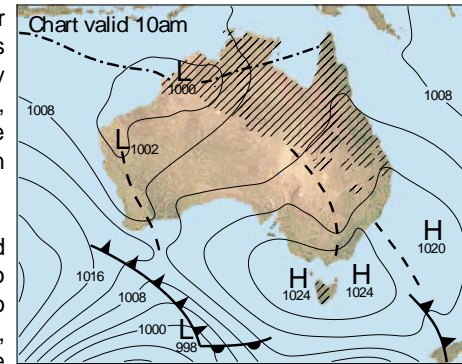
Grassland Fire Danger index (GFDI)

- GFDI**
- 150+
 - 100-149
 - 50-99
 - 25-49
 - 12-24
 - 0-11

Max Grass Fire Danger Index Mon 10
Wind at 2PM Mon 10

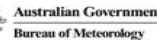
Synoptic pattern and forecast

A high pressure system over the Southern Ocean is predicted to move slowly across Tasmania on Monday, while an inland low pressure trough extends into eastern Victoria from NSW



Fine and mainly sunny. Mild to warm in the south, warm to very warm inland. South to southeasterly winds, moderate to fresh in the south.

This weather briefing package is prepared by the meteorologist in the State Control Centre to assist fire agencies with preparedness and is not to be distributed without permission.

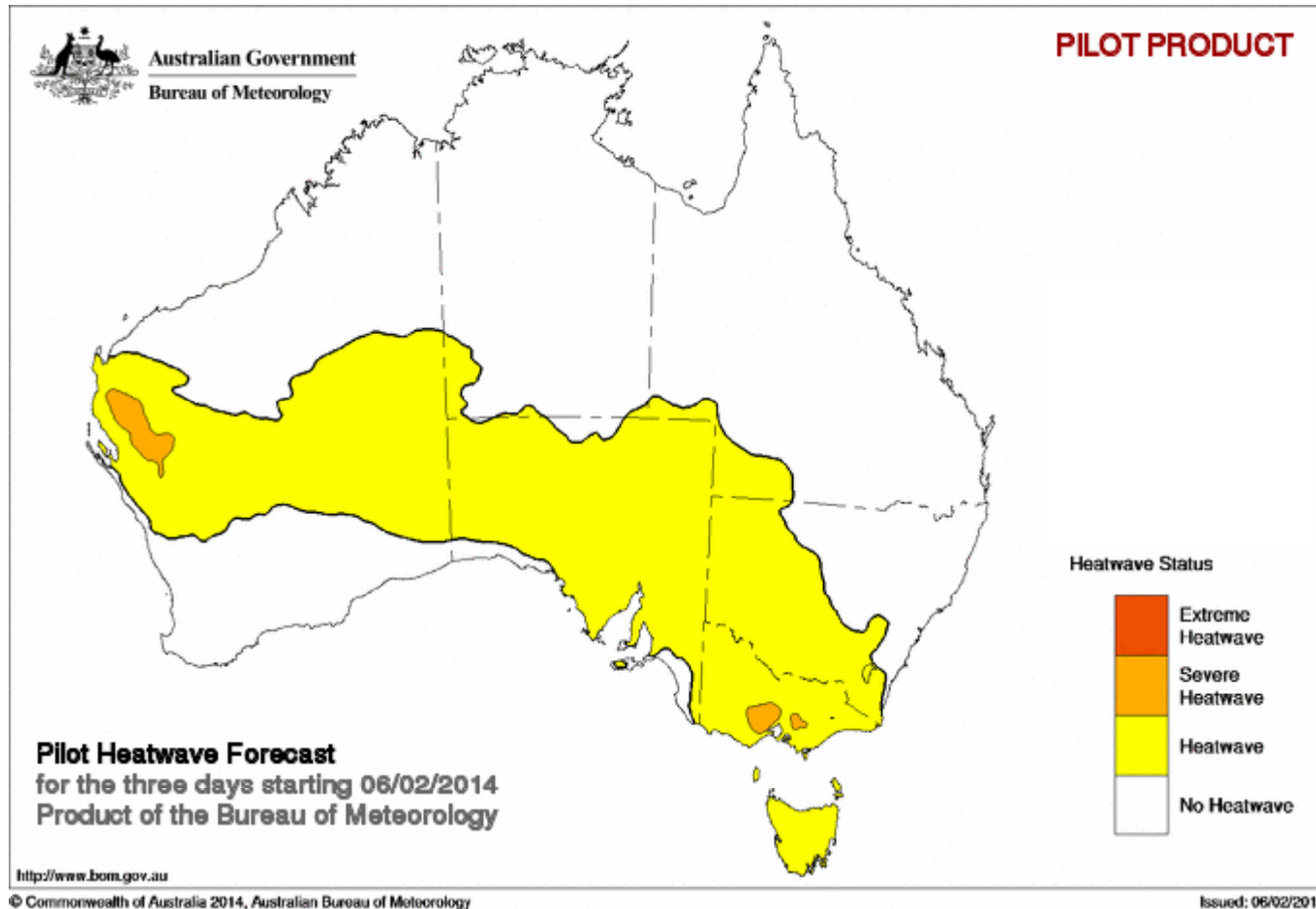


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Situation > Weather > Heatwave forecast



**Forecast outlook
for 3 days from
Thursday**

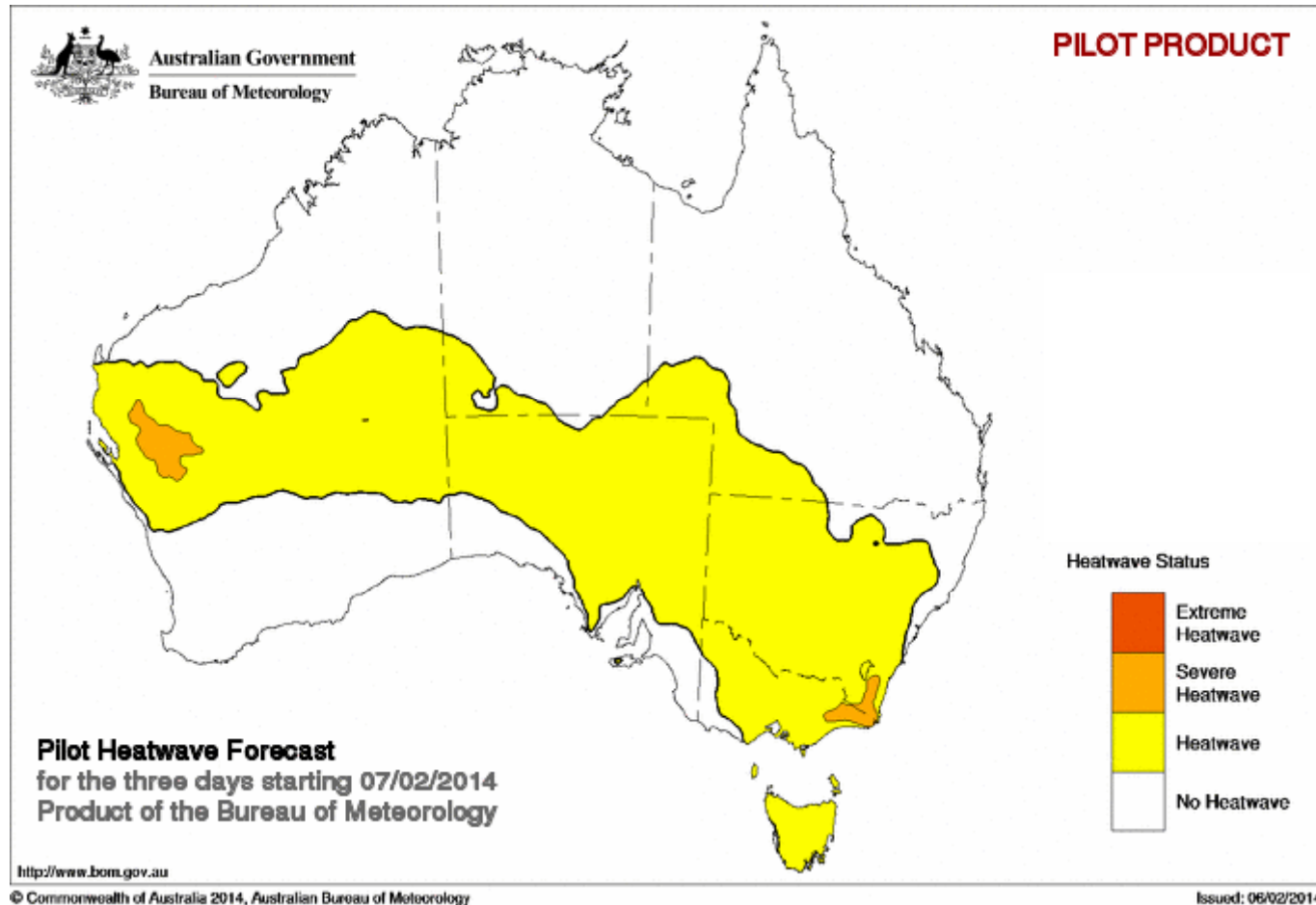


FOR OFFICIAL USE ONLY

Situation > Weather > Heatwave forecast



**Forecast outlook
for 3 days from
Friday**

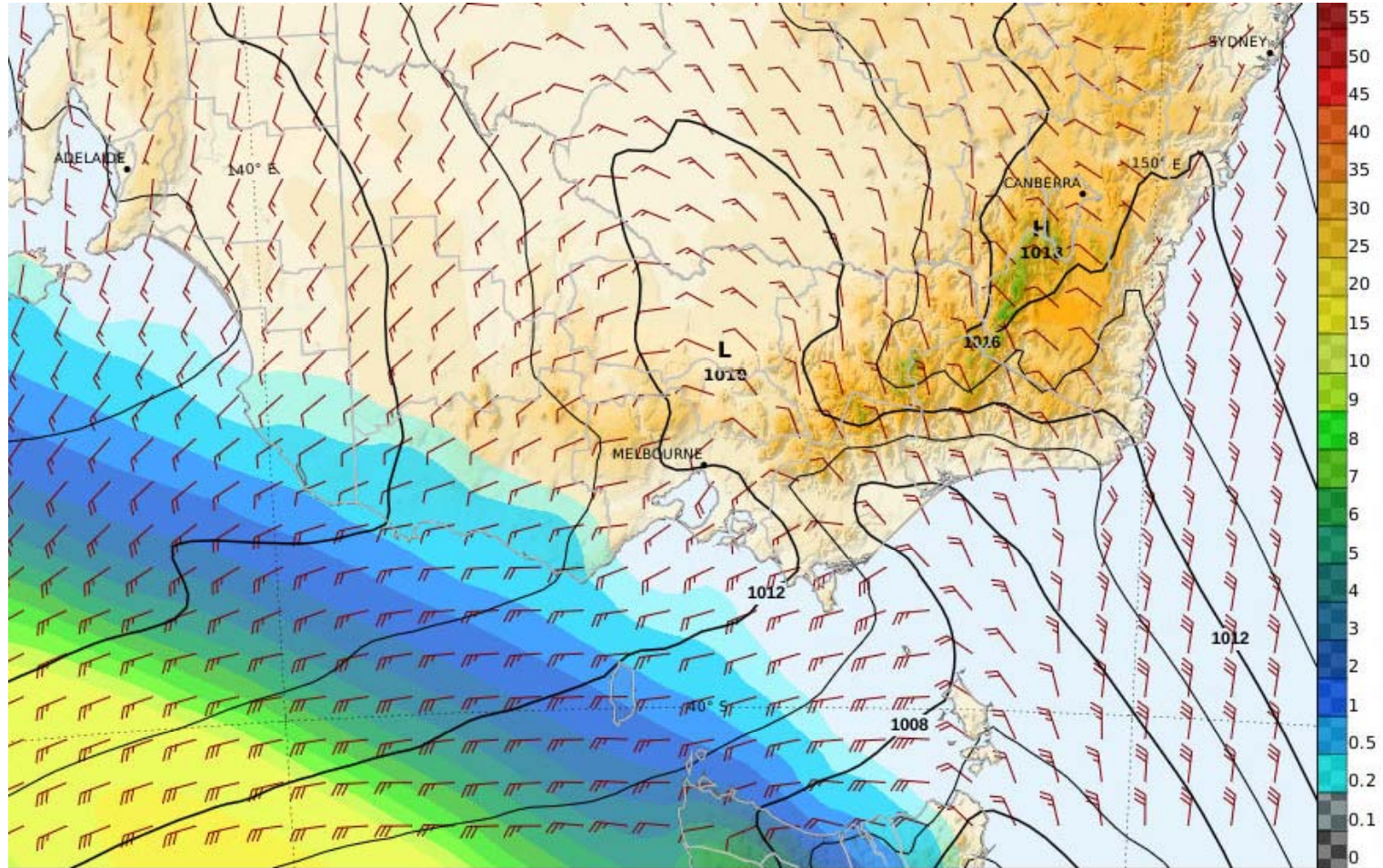


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Situation > Weather > Wind change timing European model

**1100 hours
Sunday**

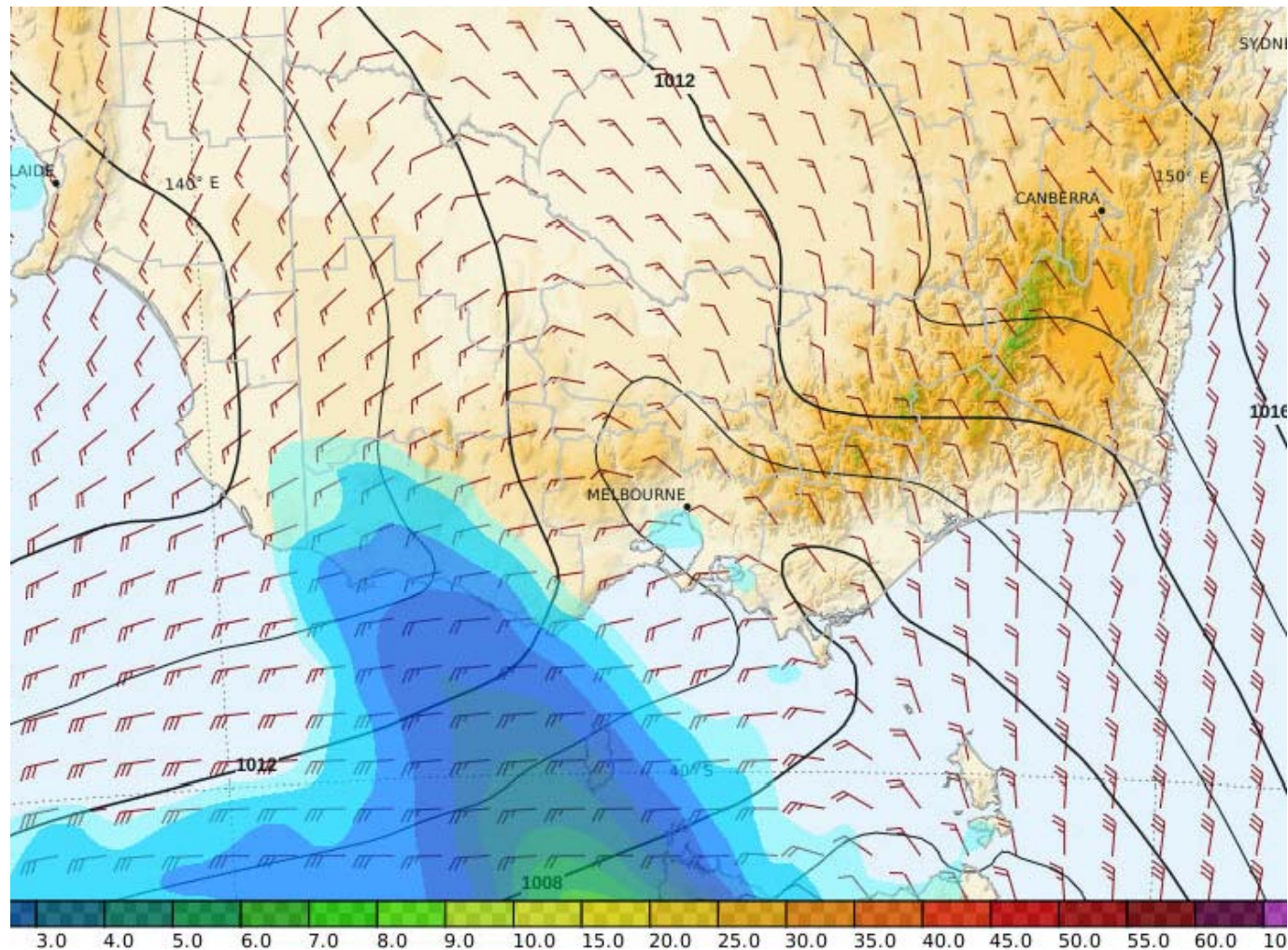


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Situation > Weather > Wind change timing Access model

**1100 hours
Sunday**



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Key Messages:

Fire weather

- Morning N-NE low level jet this morning to mix out this afternoon.
- The chance of thunderstorm development over the east of the State today
- Very hot and dry with northerly winds over the weekend resulting in fire danger escalating. Remaining warm overnight.
- Gusty northerly winds Sunday morning, possibly locally severe ahead of cool southwest wind change (now earlier than forecast).
- Elevated c-Haines each afternoon and for an extended period over the weekend (including Saturday night).
- No significant widespread rain forecast.

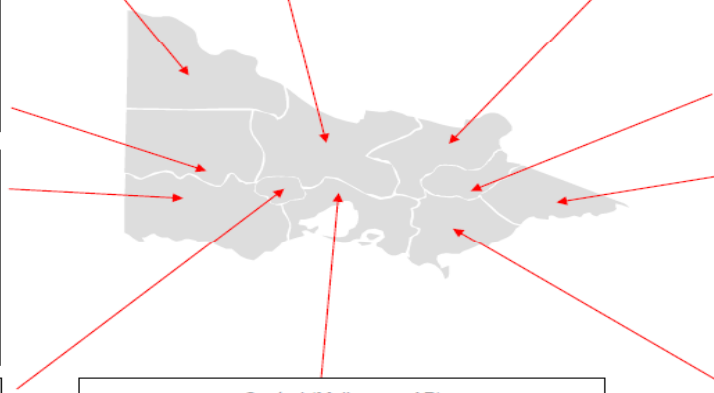
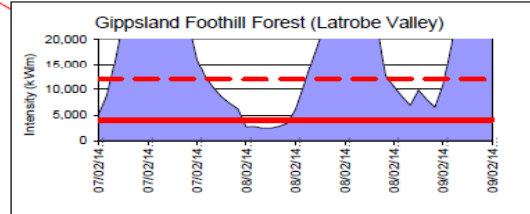
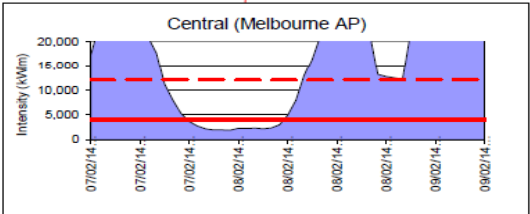
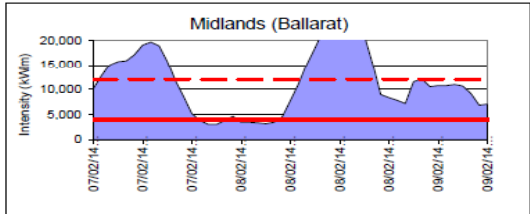
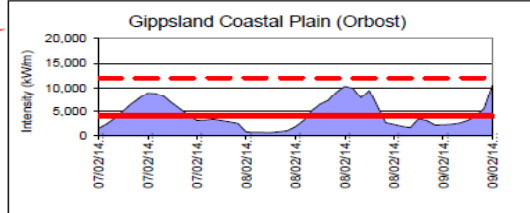
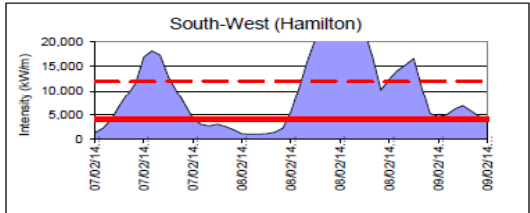
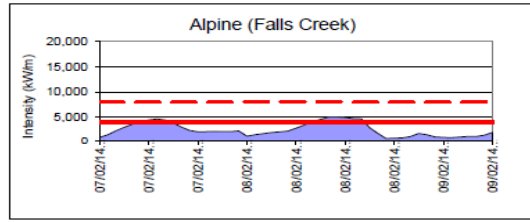
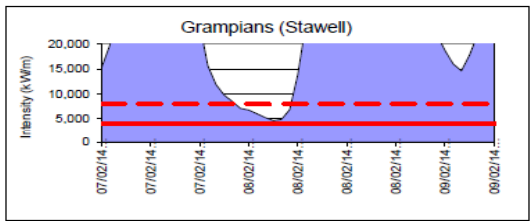
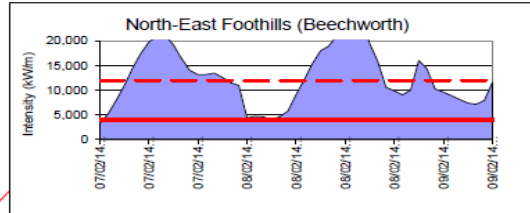
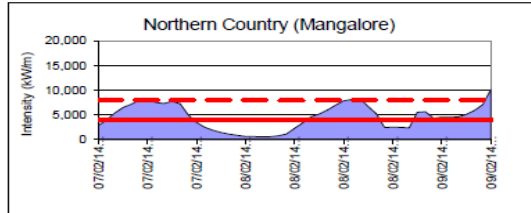
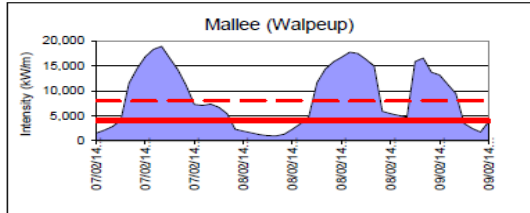
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Two day head-fire Intensity (forest)



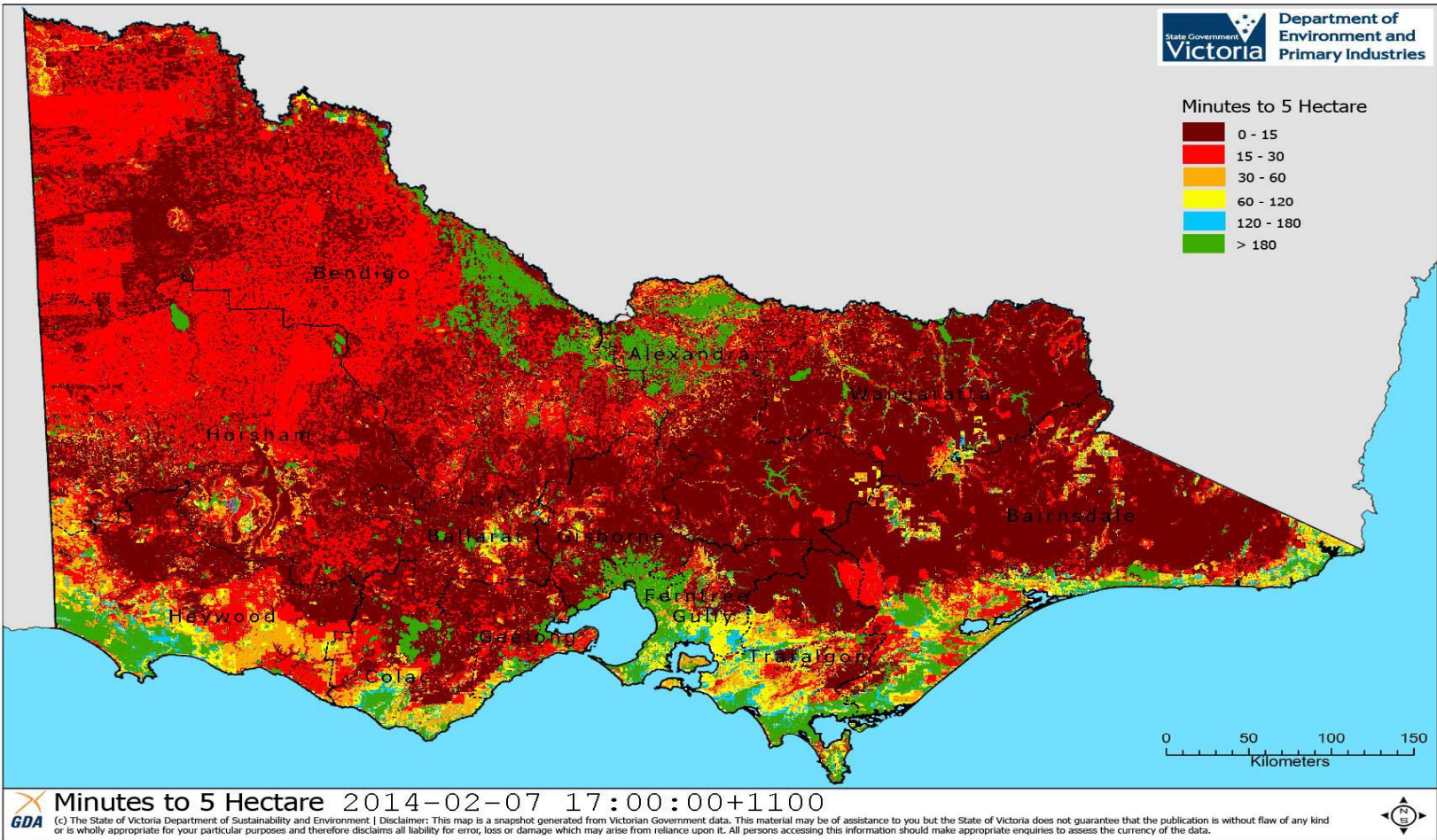
Fire Behaviour Estimates - 2 day Head Fire Intensity (forest areas)
Based on gridded weather data issued Fri 07/Feb/2014

- Head fire intensity (kW/m)
- - - Crown fire threshold
- Frontal attack threshold



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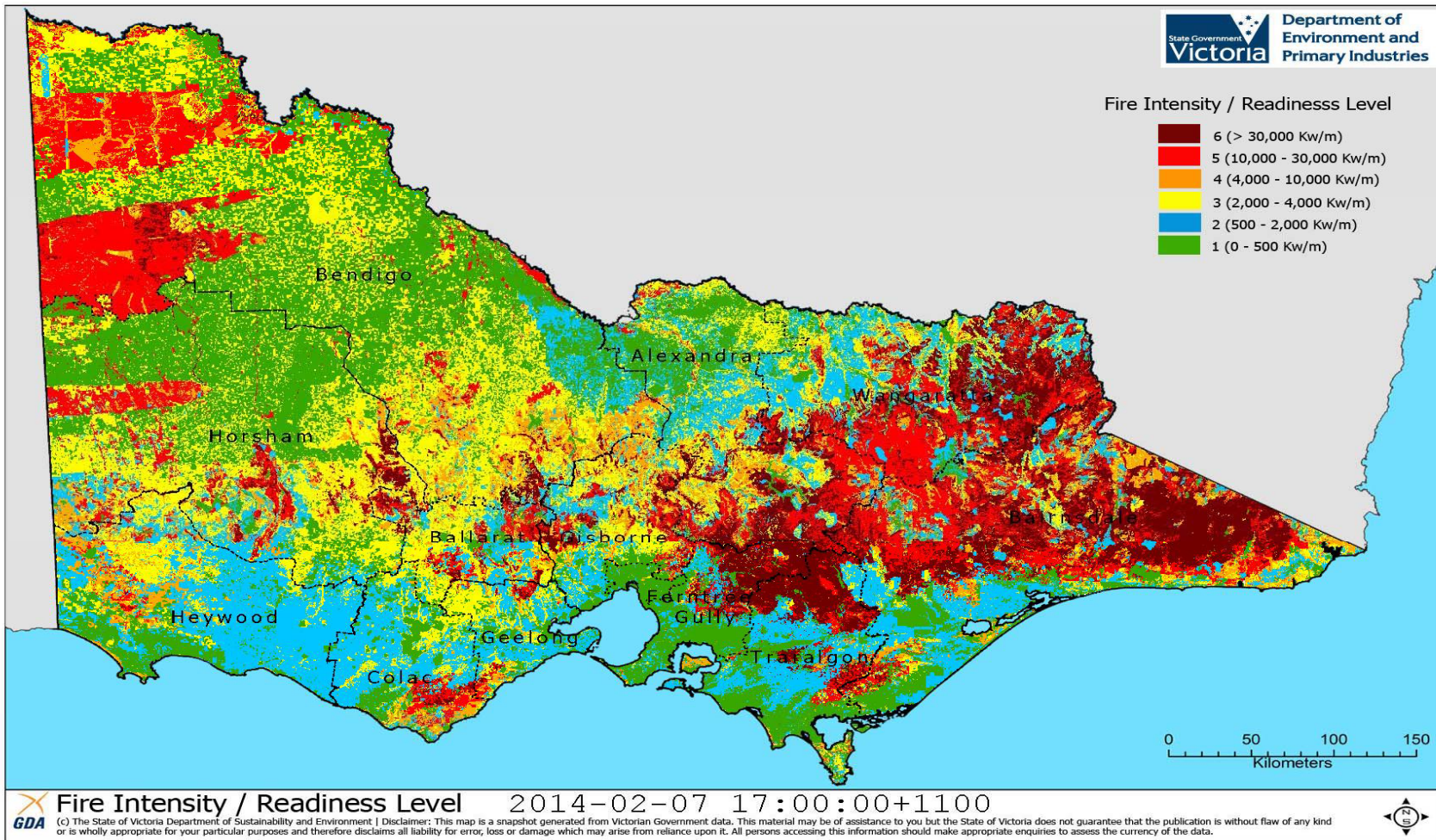
Minutes to 5 ha today – 1700 hrs



B:\Workspace\SaI\SmallProjects\Map outputs\Hourly fire behaviour\Hourly fire behaviour JAVA template.mxd (B:\Projects\Fire Behaviour Outputs\Hourly output) Last update on 20/10/2012 by SaI (SA25)

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Head fire intensity today – 1700 hrs



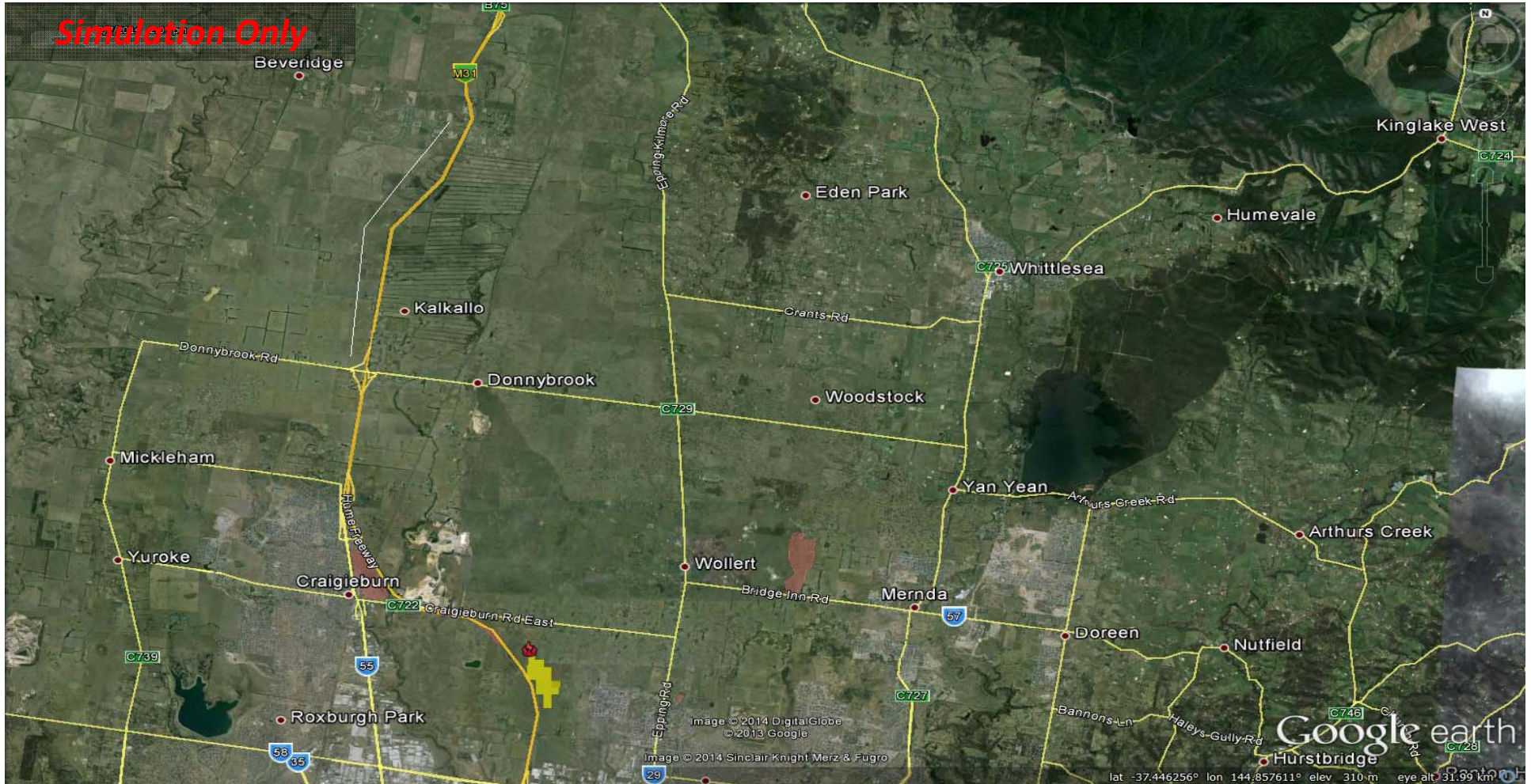
B:\Workspace\SaI\SmallProjects\Map outputs\Hourly fire behaviour\Hourly fire behaviour JAVA template.mxd (B:\Projects\Fire Behaviour Outputs\Hourly output)

FOR OFFICIAL USE ONLY Last update on 20/10/2012 by SaI (SA25)

Ignition at 1300 near Craigieburn (1 hr spread)

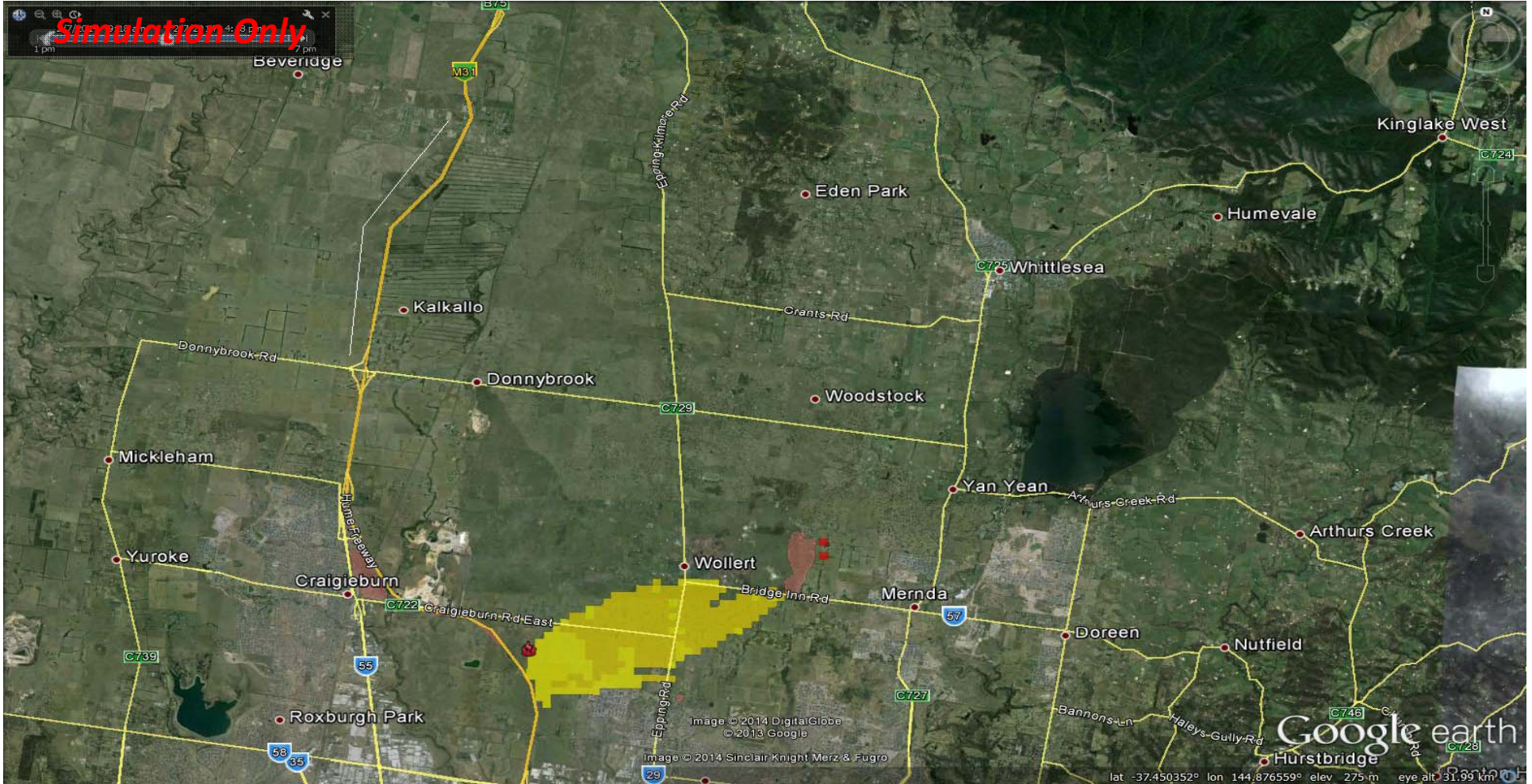


FOR OFFICIAL USE ONLY



Ignition at 1300 near Craigieburn (3 hr spread)

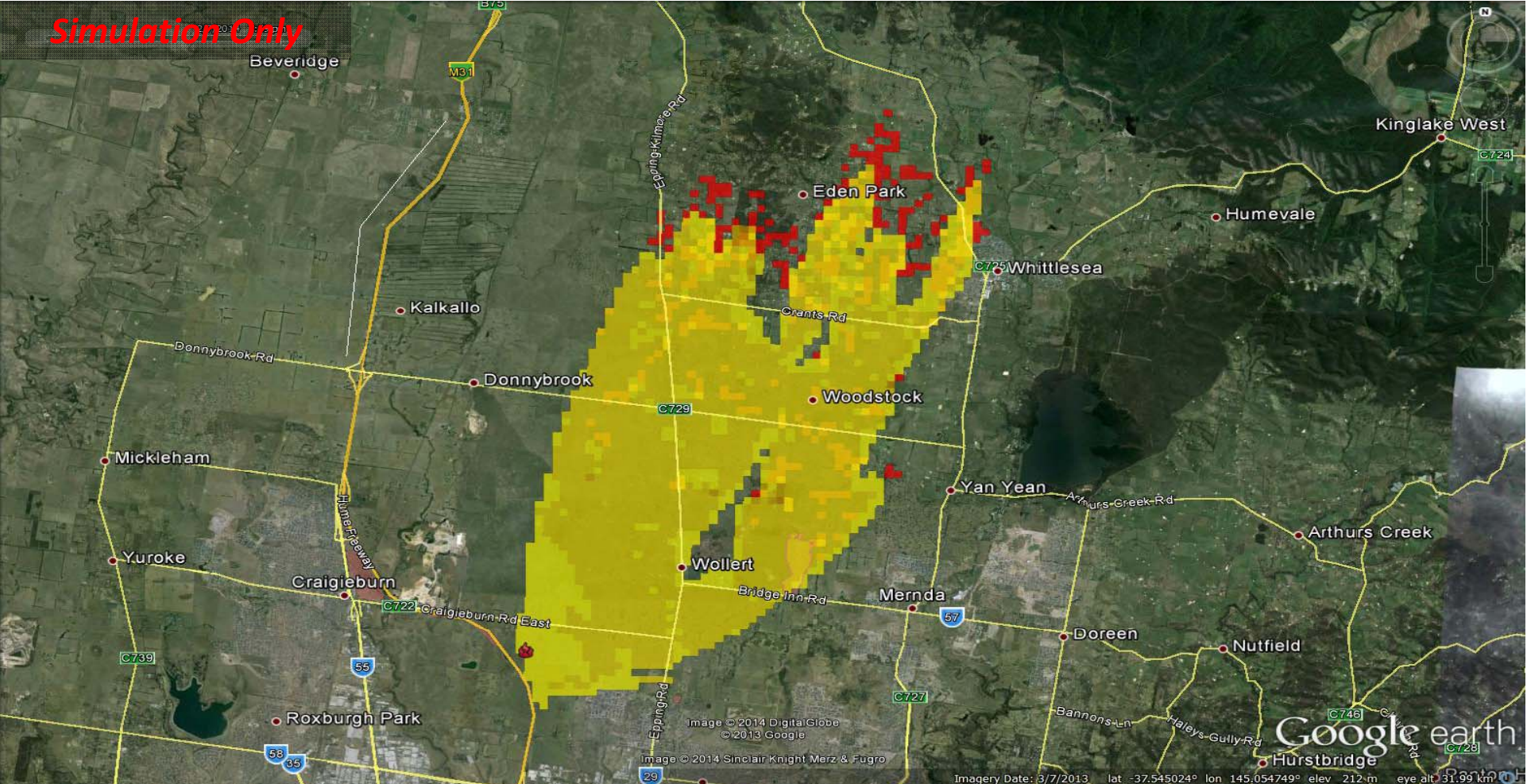
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Ignition at 1300 near Craigieburn (6 hr spread)

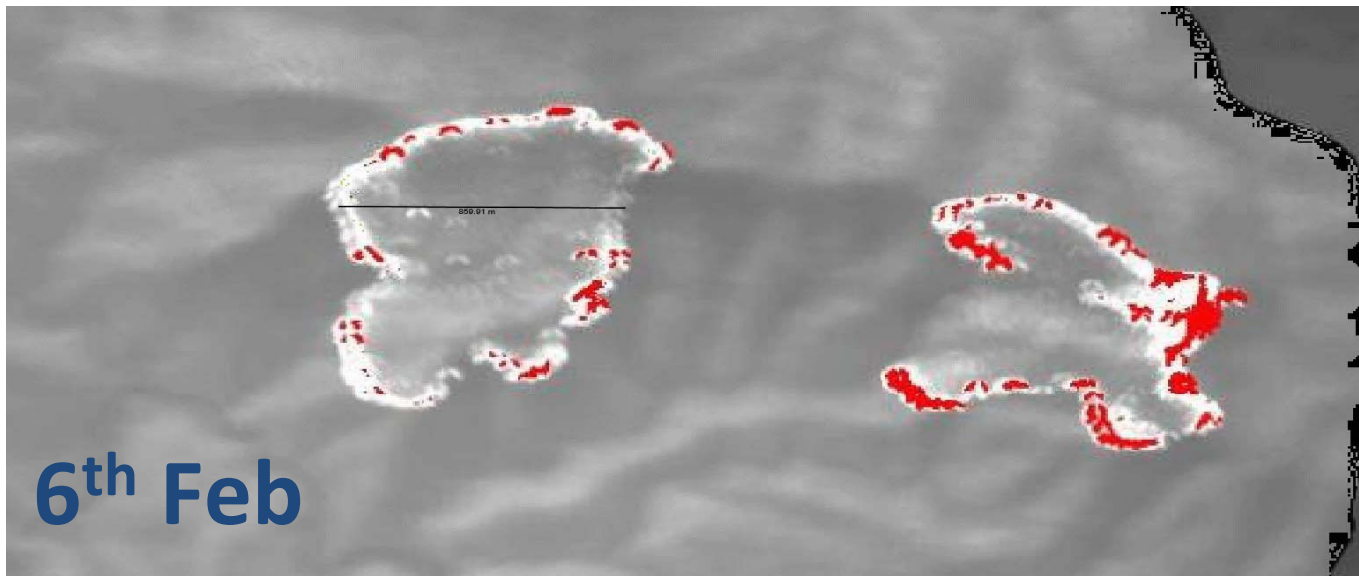
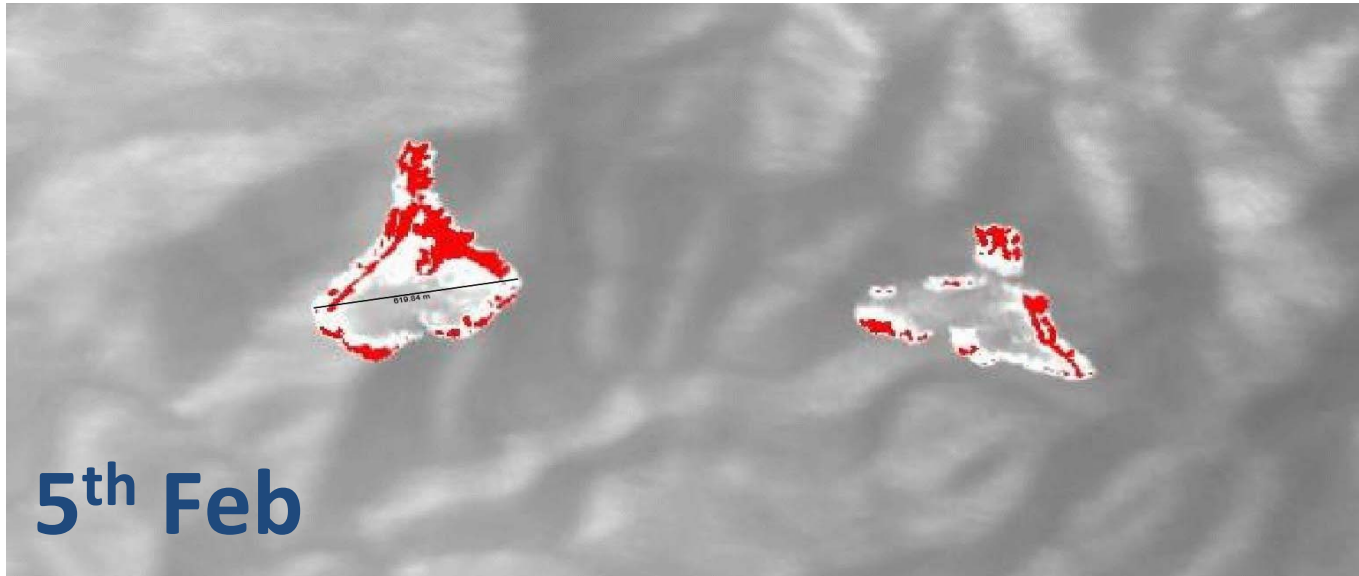


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Spotfires north of Deddick Trail Fire



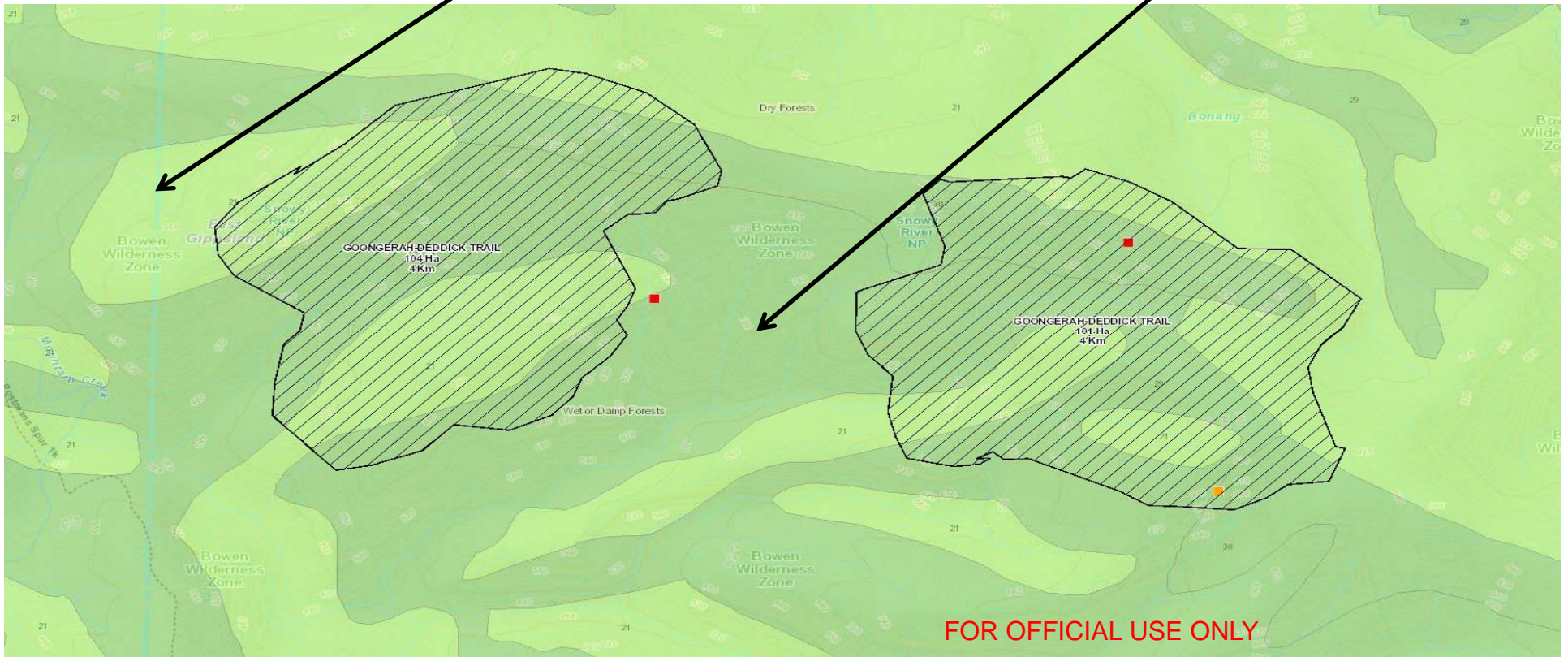
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Forest Type



Dry

Wet or Damp



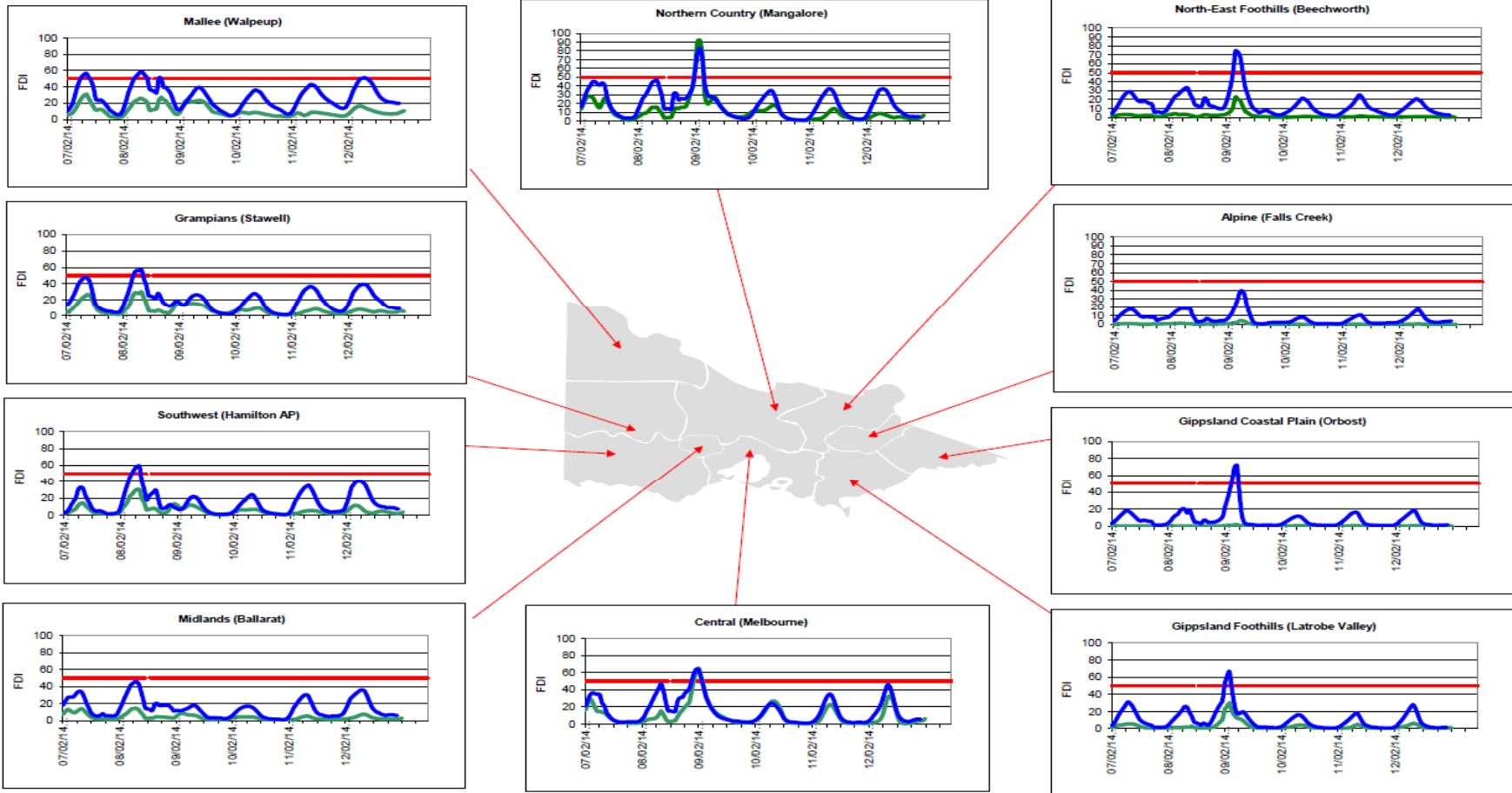
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7 day FDI Forest and Grass



Fire Behaviour Estimates - 7 day Forest / Grassland FDI
 Based on gridded weather estimates issued Fri 07/Feb/2014

— Forest FDI
 — Grassland FDI
 — Severe FDI



Key Messages



- Significant grassfire spread potential today
- Potential new starts from lightning
- Going fires likely to increase perimeters:
 - Wetter forest fuels have become available across much of the State
- Burning period starts this morning and continues onto Sunday afternoon (active fire growth at night)
 - Saturday night represents significant risk
 - Potential for convective fire Saturday and Sunday, including overnight

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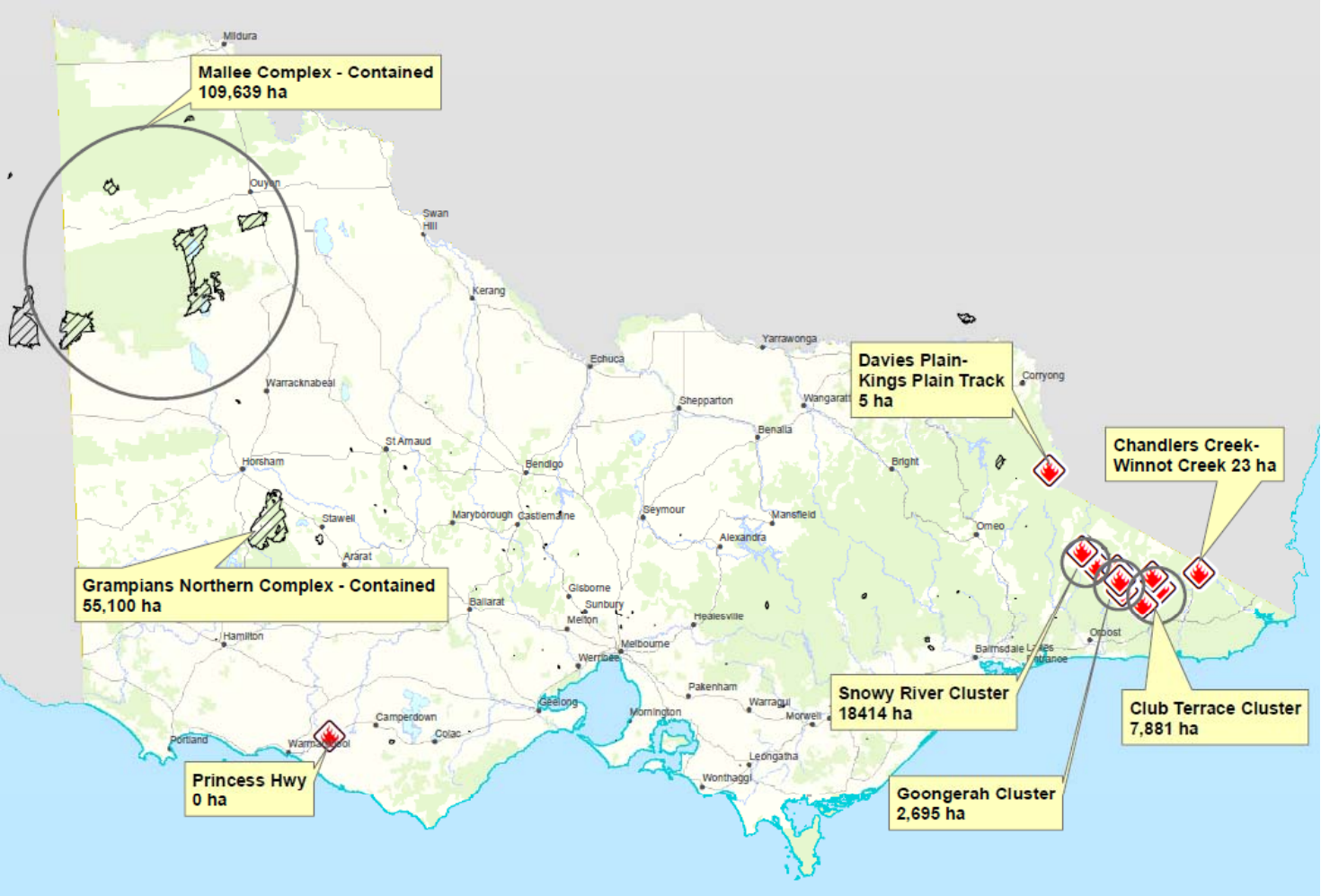


State Situation Update

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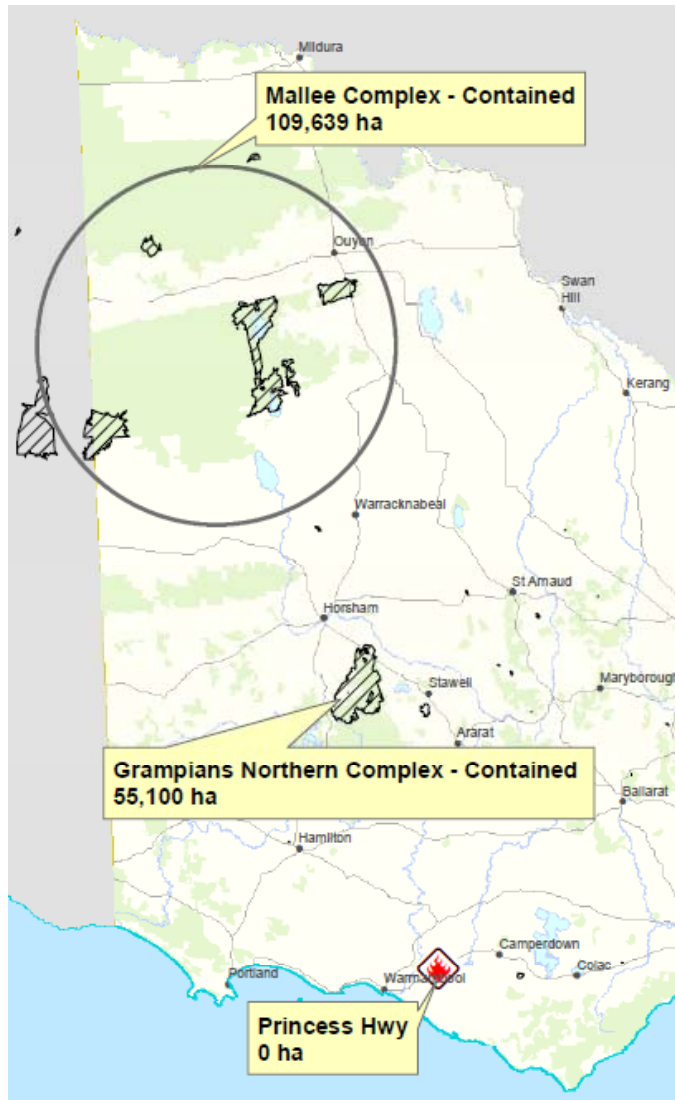
State Overview



FOR OFFICIAL USE ONLY



State - West



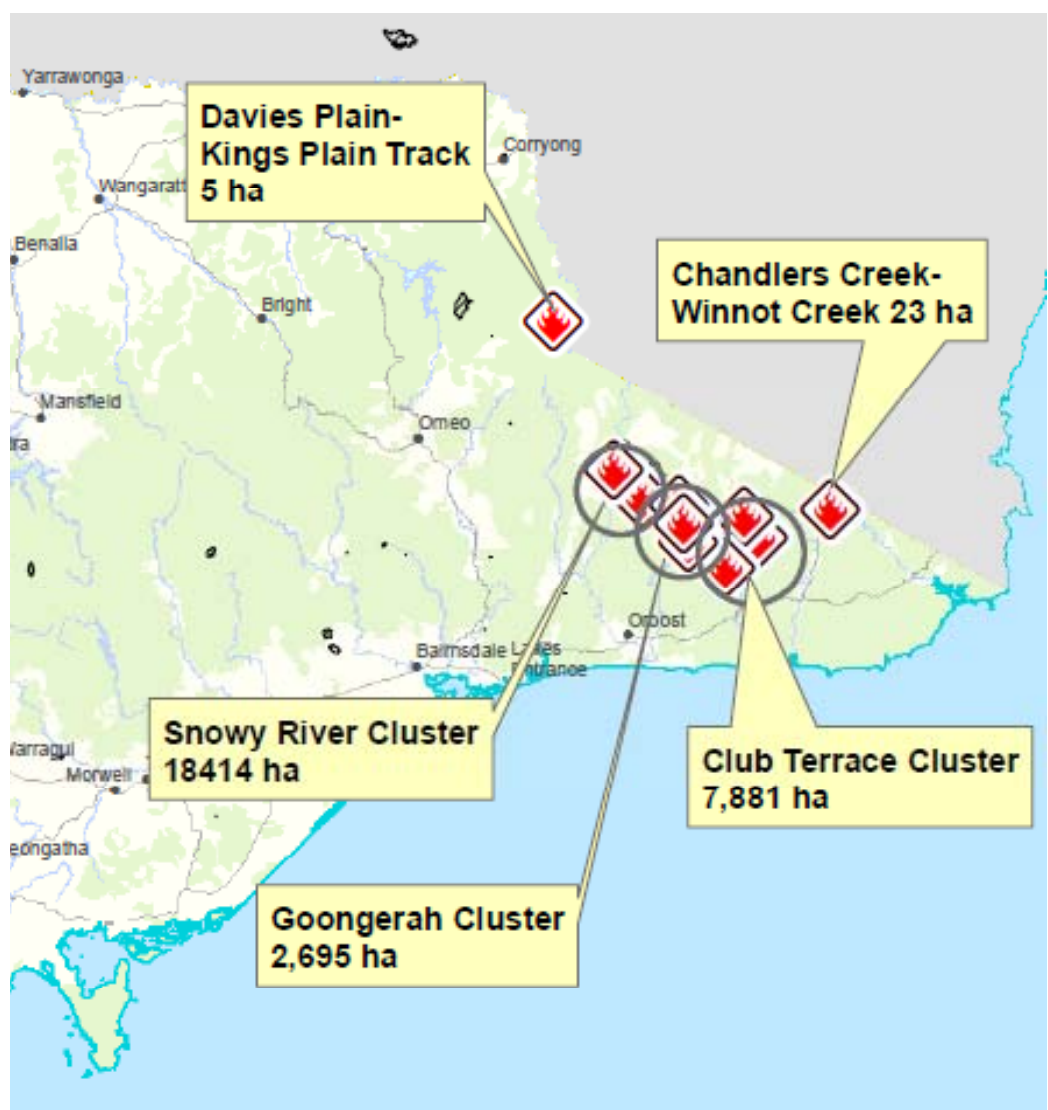
Grampians – Northern Complex – Contained

- Crews continue to identify and treat hot spots – these are becoming less frequent
- Traffic management points replaced with road signs, some roads and parts of park still closed
- Key tourist areas in Halls Gap are open (fire affected areas of the park remain closed)

Mildura – Mallee Complex – Contained

- Crews have patrolled the fire with a number of hotspots located and treated
- Periodic air observation will continue

FOR OFFICIAL USE ONLY



State - East



Chandlers Creek – Winnot Creek – GOING

- 3.3km of line complete
- Numerous hazardous trees to be treated
- New crews flown into fire ground today

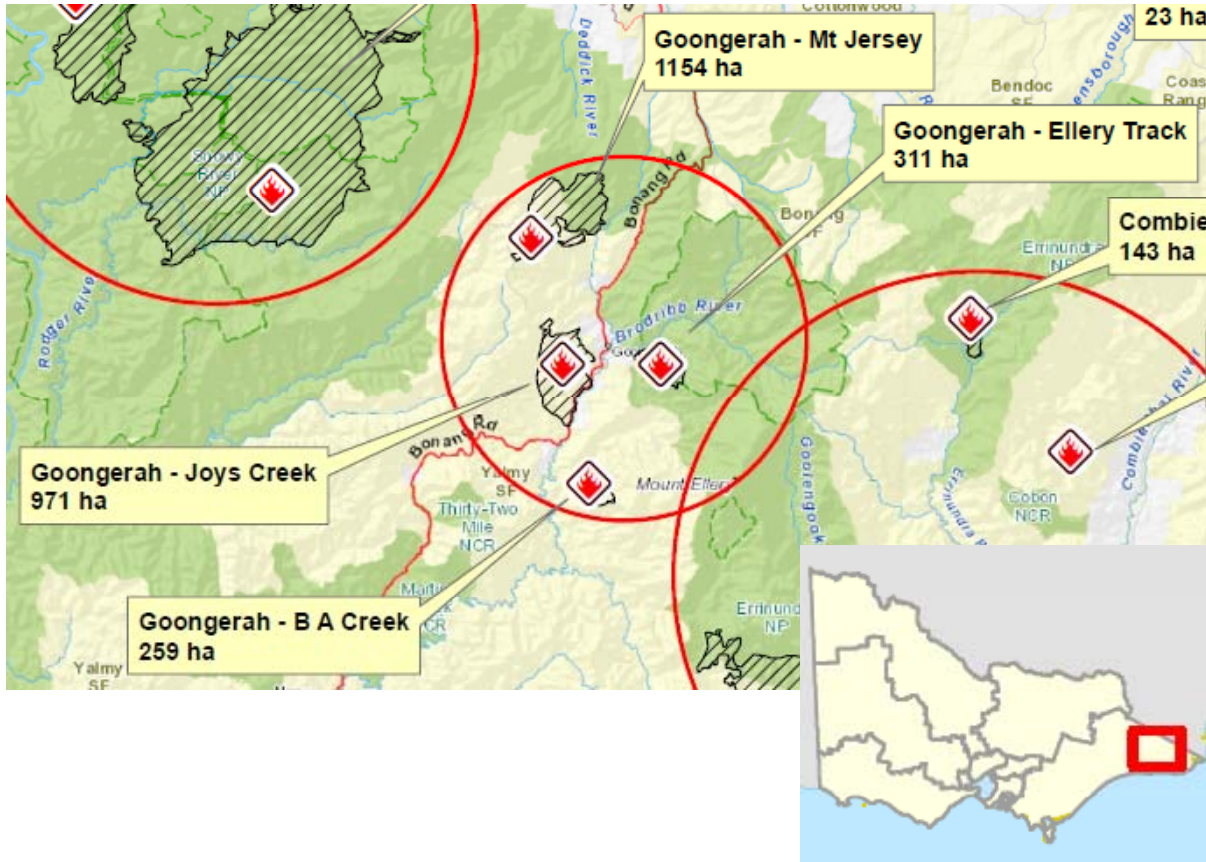
Davies Plain – Kings Plain Track – GOING (5ha)

- NSW taken control of aircraft management to free up resources
- Dozers in both VIC & NSW consolidating control lines

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Goongerah Cluster



4 **GOING** fires in this cluster

Goongerah – Mt Jersey – GOING

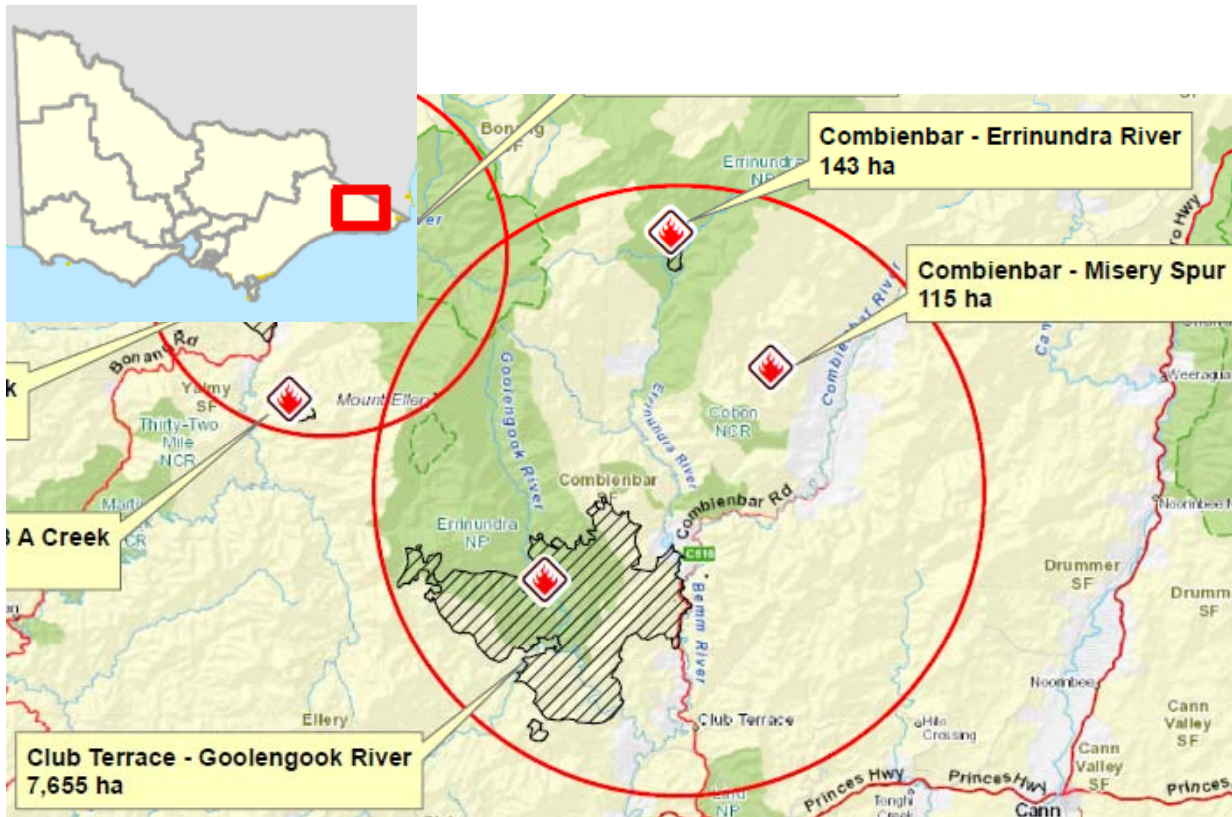
- Fire crossed east of Goolengook Creek & running uphill
- Air suppression & back-burning being used

Blacking out and construction of containment lines continues at other fires in the cluster. Hot spots being identified by FLIR

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Club Terrace Cluster



3 **GOING** fires in this cluster
Club Terrace – Goolengook River Fire – GOING

- Running edge being tracked but is in difficult terrain
- Northern edge expected to extinguish in gullies

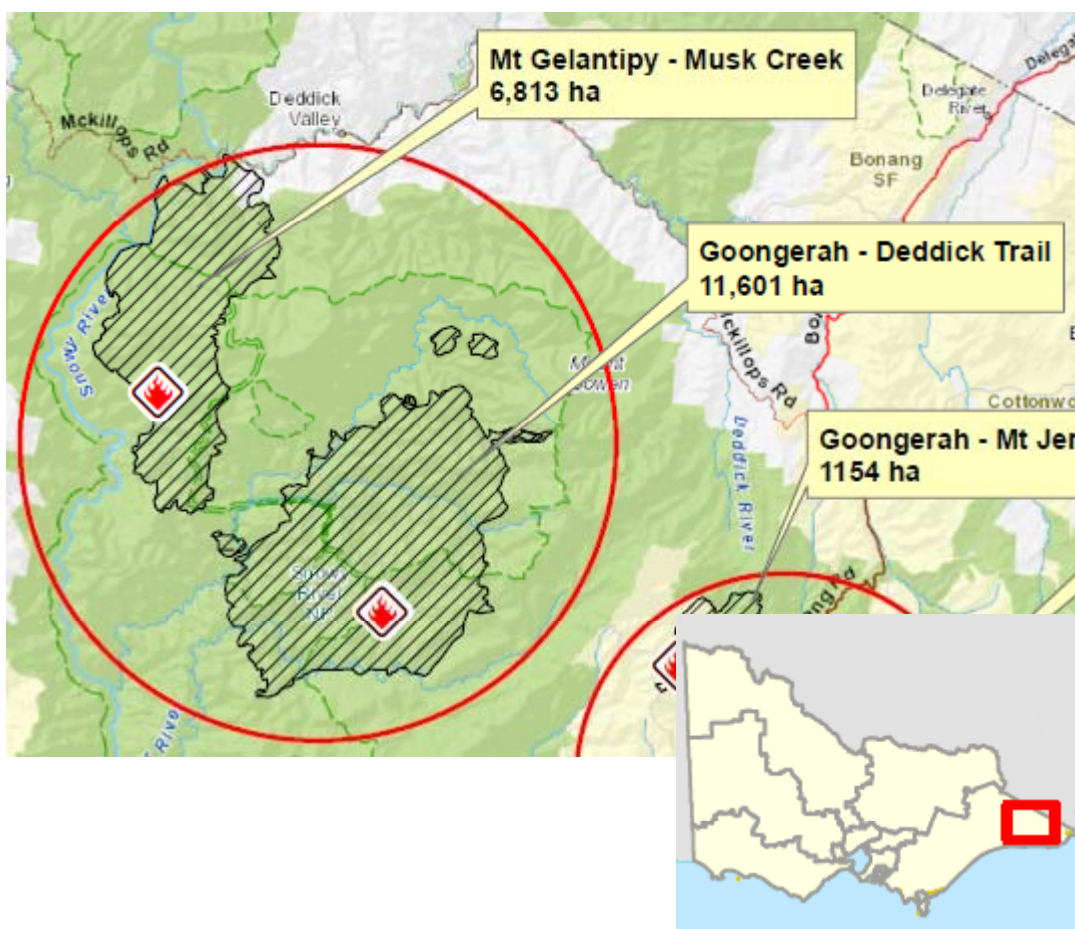
Combiobar – Misery Spur & Errinundra River – GOING

- Some hotspots detected by FLIR, treated by crews

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Snowy River Cluster



2 **GOING** fires in this cluster

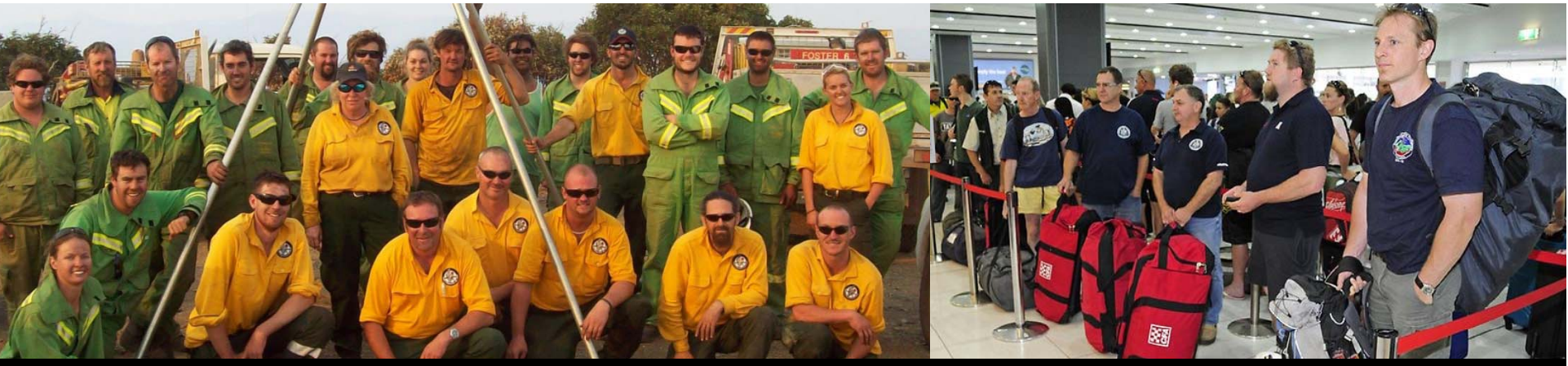
Mt Gelantipy – Musk Creek – GOING

- Significant fire activity near Snowy River – spotting up to 0.5km north
- Plan to close McKillops Road
- Heavy helitak attack to prevent fire spread

Goongerah – Deddick Trail – GOING

- 75% of perimeter actively spreading
- 3 spot fires each over 50ha
- Asset protection assessments underway

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Interstate / International

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IILU Key Messages



- NSW IMT 5 at Geelong ICC and IMT 6 arrive today Seymour ICC.
- QLD IMT 3 at Gisborne ICC and IMT 4 at Bendigo ICC.
- NSW Task Force 5 and 6 (Cann River/Bendoc) in place, Task Force 3 and 4 home today.
- 2 QLD FBANs arrived last night. Total of 3 QLD FBANs in SCC today.
- 2 NSW EMLO arrive today - Bairnsdale ICC/Orbost ICC

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QLD IMT 4 at Bendigo ICC



QLD FBANs (l: Justin Francis r: Paul Kale) thanking local FBAN Jenny for her mentoring in the Colac ICC.

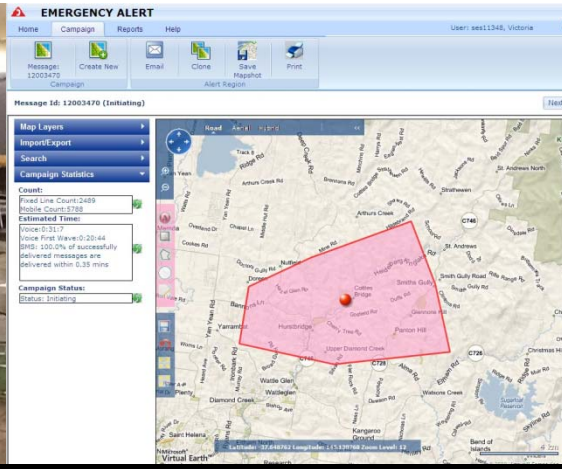


“Bonnet cam” from NSW fire unit at Mt Jersey fire



Morning briefing for NSW troops at Bendoc – don't they look keen!

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Public Information

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Public Information 07/02/2014



Warnings	Current	24 hrs to 0800
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Telephone Alerts:	0	0
Recommend evacuate	0	0
Emergency Warnings:	0	0
Watch and Act:	1	13
Advice:	10	62

VBIL

Total Calls Yesterday:	0000 – 2359 Hours: 249
Total Calls Today:	0000 – 0800 Hours: 33

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Public Information 07/02/2014



Media Key Messages & Recovery Information

- **No Total Fire Bans** have been declared for today.
- Weekend weather expected to be very hot – Heat Health Alert (Sat)
- Fire authority preparedness
- It's important to have access to more than one source of fire information
- Don't wait for a warning to be sent to your phone or a knock on your door, it's your responsibility to know when to leave and where to go, so stay aware of your surroundings, and seek out information about weather and fire risk
- A number of forests, parks and tracks are closed due to fire activity. People are being referred to Parks Vic and DEPI website for further information
- Messaging about Black Saturday remembrance & events



Key State Contacts

State Fire Controller: *Craig Lapsley*
Deputy State Fire Controller: *Peter Rau*
State SES Controller: *Trevor White*

		 Department of Environment and Primary Industries		
State Agency Commander	Duncan Given	Andrew Graystone	David Yousseff	Joe Buffone
State Duty Officer	Susan Fayers	Gil Marshall	Michael Coombes	Tony O'Day

Note: Correct as at 08:05 hours this morning. Source: Fireweb Readiness Tab

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Key Regional Contacts



Region	Fire	SES
Barwon South West	Bob Barry	Matt Maywald
Grampians	Graeme Saunder	Stephen Warren
Loddon Mallee	Rob Price	John Parker
Hume	Shaun Lawlor	Keith O'Brien
Gippsland	Bryan Russell	Jamie Twidale
Southern Metro	David Sherry	Ray Jasper
East Metro	Bernard Barbetti	Ray Jasper
North & West Metro	Darren McQuade	Ray Jasper

Note: Correct as at 08:10 hours this morning. Source: Fireweb Readiness Tab

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Key State Control Centre Contacts



SCC Duty Manager	BoM Meteorologist	Predictive Services	Planning	Intelligence	Mapping
Steve Riley	Andrea Peace	Greg Mattingley	Andrew Wilson	Cliff Overton	Tom Gretton
Logistics	Strategic Risk & Consequence	Support	Resources	Situation & Analysis	Air Desk
John Bell	Tony Varcoe	Paul Hoban	Lynette Conner	Peter Boicovitis	Wayne Rigg
Public Information	Warnings & Advice	Media Management	SCT Executive	Inter-state Liaison Unit	Strategic Resources
Sarah Henshaw	Paul Harris	Amy Shildberger	Mark Stephens	Michelle Wintle	Wayne Buckman
EMLO Parks Vic	EMLO VBIL	EMLO Telstra	OH&S Executive	DSE – Altona Cache	State Spokesperson
John Williamson	-	-	Graeme Dudly	Jeremy Bowen	Michael Hodder
EMLO VicPol	EMLO AEMO	EMLO ESTA	EMLO AV	EMLO Defence	EMLO DEECD
Danny Nihill	Andrea Rogers	Rod Petty	Marianne Brereton	David Ueda	-

Note: Correct as at 08:10 hours this morning. Source: SCC Joint Shift Roster

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Key State Control Centre OH & S Contacts

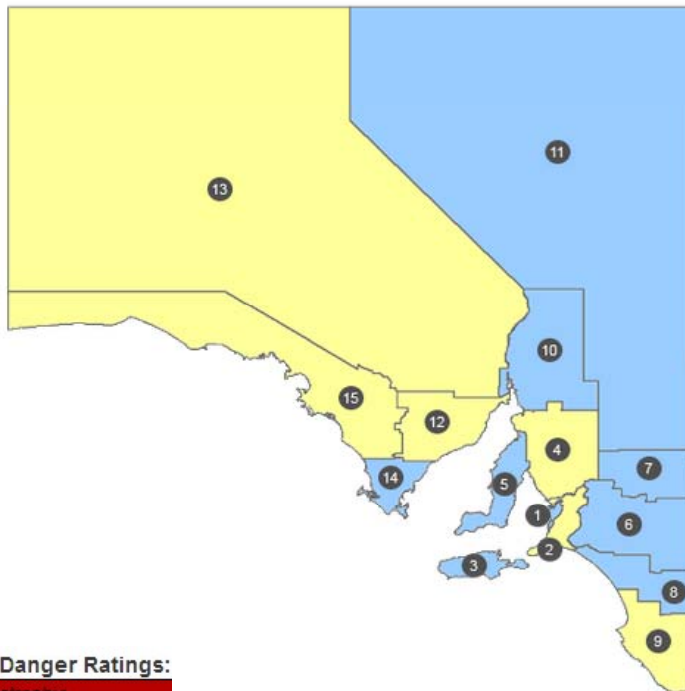
Wardens	First Aiders	OH & S Representative
Luke Heagerty – Floor Warden	Michael Frew – Team A	See Duty Manager
Cain Trist	Christine Henderson – Team B	
Steve Riley		
Justin Kibell		
Jenny Zahara		
Michael Frew – Team A		
Jess Unsworth – Team B		

Note: Correct as at 08:15 hours this morning.
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Fire Danger Ratings / Total Fire Bans - Today



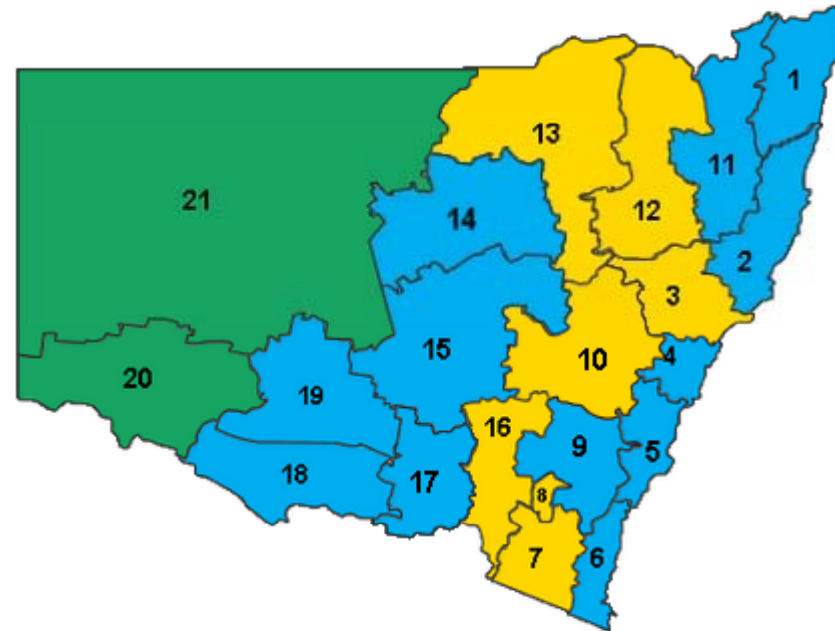
South Australia



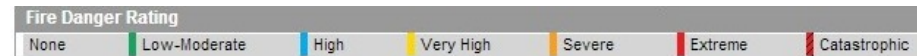
Fire Danger Ratings:



New South Wales



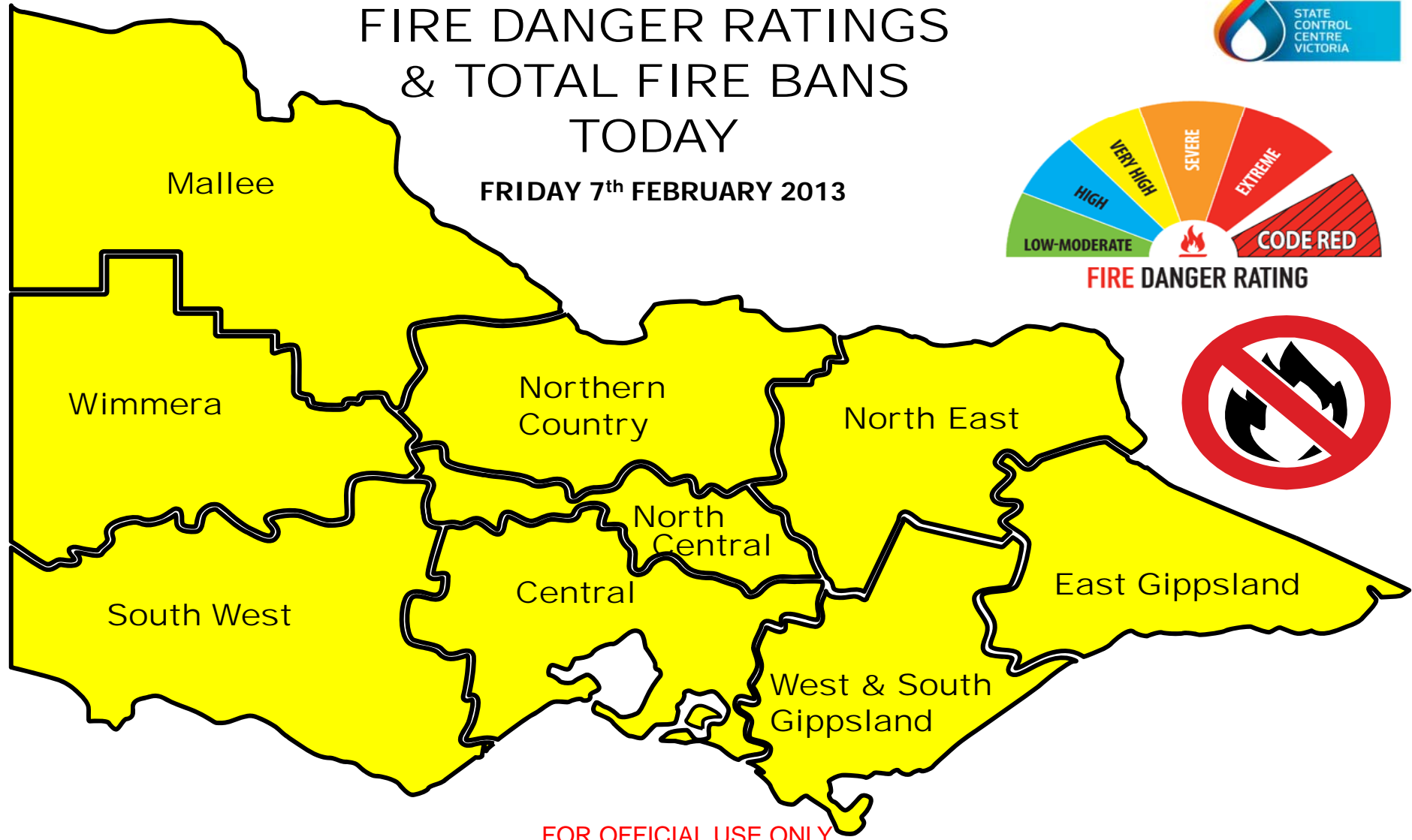
Total Fire Ban in effect.



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FIRE DANGER RATINGS & TOTAL FIRE BANS TODAY

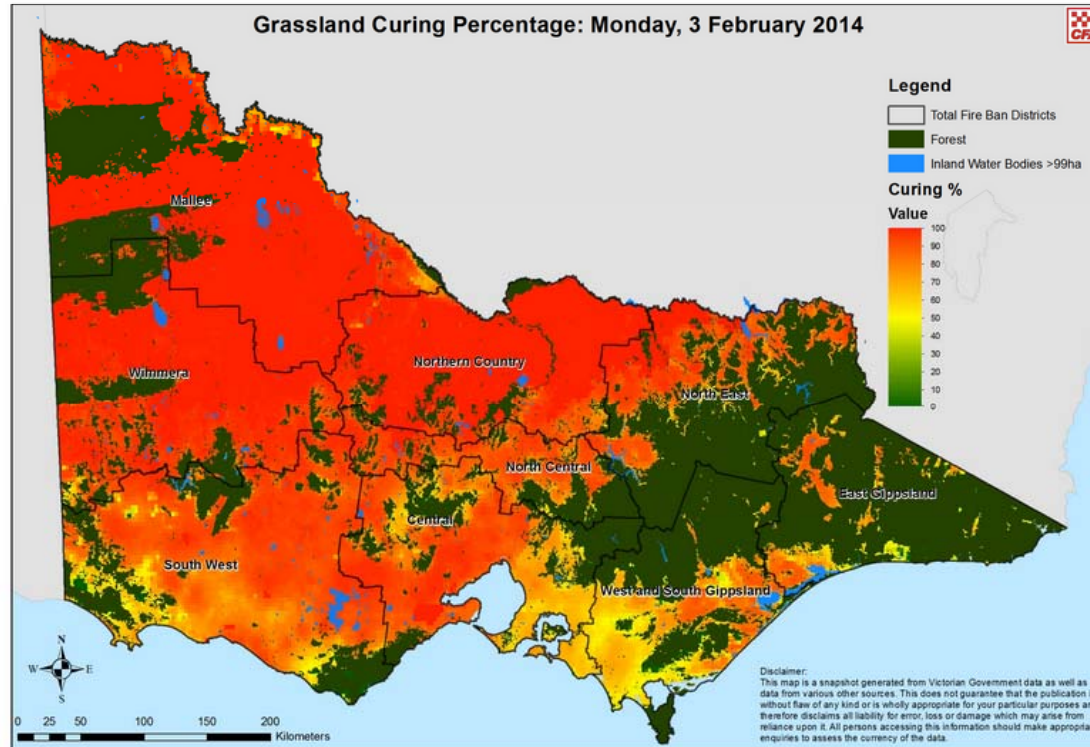
FRIDAY 7th FEBRUARY 2013



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GRASSLAND CURING



**** This is provided by the CFA and is updated midday on Mondays***

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Meetings and Teleconferences



Fri 07 Feb 2014

Time	Meeting Name	Location
07:15	Task Meeting for SDOs & A/Cs (with SC)	Stirling Room
07:30	SCT - State Control Team Meeting **	Stirling Room
08:15	SC/DSC & Functional Unit Leaders Meeting	SEMT Breakout
08:30	Regional Controllers (RC) Readiness	Stirling Room
09:15	Cut off time to submit slides for 09:30 Briefing	Submit to SCC Support
09:30	09:30 Briefing	SCC
09:45	SEMT - State Emergency Management Team	Bogong Room
10:15	Functional Unit Leaders Meeting	EMLO Breakout Area
10:45	Rostering Meeting	Bogong Room
11:00	Strategic Resources Meeting (If required)	Stirling Room
11:30	HU - Heads Up	Oval Table
13:00	Fire Wx - Fire Weather Teleconference	Stirling Room
13:30	HU - Heads Up	Oval Table
15:30	HU - Heads Up	Oval Table
15:30	I-FB Teleconference	Stirling Room
17:30	HU - Heads Up (if required)	Oval Table

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SCC Key Messages



- Today is the 5th Anniversary of Black Saturday.
- Peer Support will be available today if required throughout the centre.
- Significant planning activity underway for the weekend.
- SCC contingency planning for this site.
- Housekeeping
 - New rubbish bins on the floor
 - Original documents – focus on stamps, filing
 - Meals – dietary requirements to Shift Planning / Support Team

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Public Events Awareness



Event Name	Location
St Kilda Festival	St Kilda
Geelong Multi Sport Festival	Geelong
Gippsland Homexpo Leisurefest Roadshow	Morwell
Grampians Jazz Festival	Various Locations
Jayco Herald Sun Tour (Bike Ride)	Ballarat – Bendigo

Note: Correct as at **XXXX** hours this morning. Source: Events Calendar – Victoria Online
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Heat Health Alert: Saturday 8th Feb 2014

The Bureau of Meteorology has forecast temperatures above heat health thresholds in the following weather forecast districts as of Wednesday 5th February

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Who is at risk?

- Central District (based on forecasts for Melbourne, Ballarat & Geelong)
- North Central District (based on forecasts for Seymour)
- South West District (based on forecasts for Hamilton)
- West & South Gippsland District (based on forecasts for Sale)
- Northern Country District (based on forecasts for Bendigo)
- Mallee District (based on forecasts for Mildura)
- Wimmera District (based on forecasts for Horsham)



You and your organisation are encouraged to continue monitoring local conditions and to respond accordingly through your existing service continuity, heatwave or other relevant action plans.

All forecasts and current temperatures are available from the Bureau of Meteorology website at <http://www.bom.gov.au>
 Additional information, including communication resources, is available at www.health.vic.gov.au/environment/heatwave/index.htm
 Heat health alerts will be available from the Chief Health Officer website www.health.vic.gov.au/chiefhealthofficer/index.htm
 Specific queries may be directed to Environmental Health, Department of Health on 1300 761 874 or Environmental.healthunit@health.vic.gov.au.

SCC and Agency – Current Activation Levels



Agency / Date	Fri 07/02/2014	Sat 08/02/2014	Sun 09/02/2014	Mon 10/02/2014
Duty Manager	Steve Riley AM John Simmons PM	Steve Riley AM John Simmons PM	Steve Riley AM John Simmons PM	Steve Riley AM John Simmons PM
SCC	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)
VicSES	Tier 1 (Blue)	Tier 1 (Blue)	Tier 1 (Blue)	Tier 1 (Blue)
MFB	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)
CFA	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)
DEPI	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)	Tier 3 (Red)
DTPLI	Monitoring	Monitoring	Monitoring	Monitoring
Overview / Summary	Supporting Fire Operations			

Note: Correct as at 09:00 hours this morning. Source: SCC Extranet – www.scc.vic.gov.au
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Next briefing scheduled for 0930 hrs – Saturday, 8th February, 2014

Copies of this presentation can be found at:

<http://www.scc.vic.gov.au/daily-state-briefings.html>

Live streaming of this presentation can be viewed at:

<http://www.5stream.com/scc/>

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