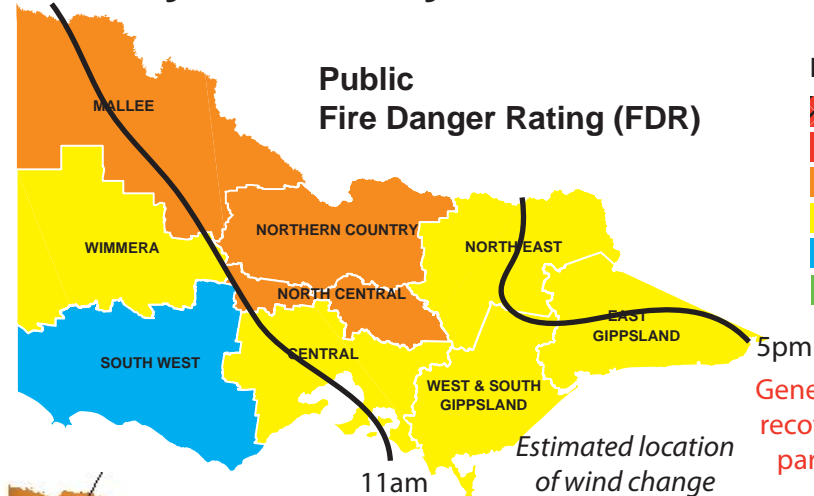


Monday 3 February 2014

SCC FIRE WEATHER BRIEFING

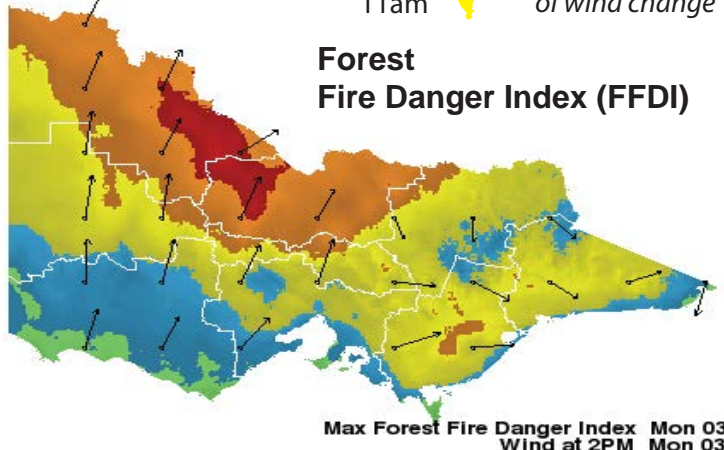
Prepared 10.30am 3 February 2014



Fire Danger Rating

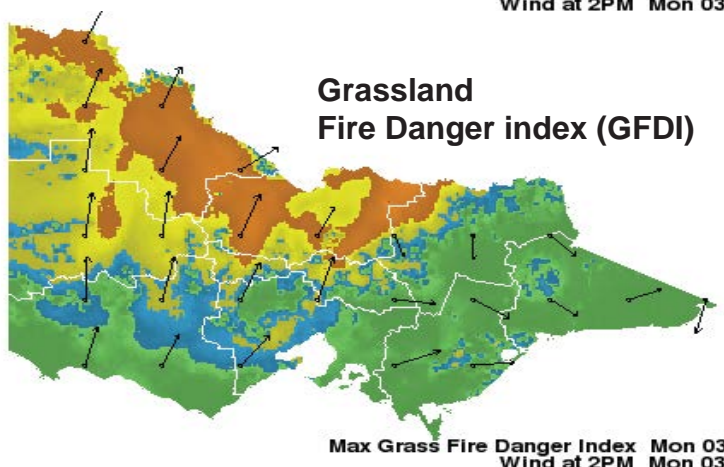
- ▨ CODE RED
- EXTREME
- SEVERE
- VERY HIGH
- HIGH
- MODERATE/LOW

Generally poor humidity recovery early morning, particularly at higher elevations



FFDI

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



GFDI

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

Fire Danger

Max temps reaching 37-43°C with cooler conditions extending from the southwest. Afternoon humidity falling to 10-25% ahead of the change. Moderate to locally fresh northerly winds ahead of a fresh and gusty southerly change gathering strength late afternoon and evening.

Lightning potential

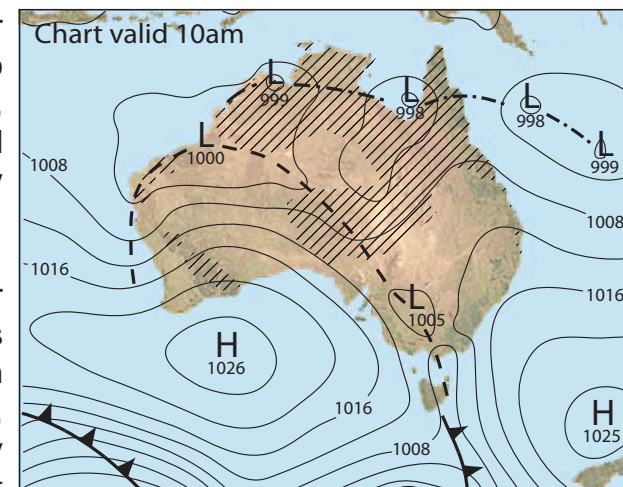
Thunderstorms (mix of wet/dry) are a risk due to upper level instability and the passage of a surface trough. Focus for storm development will be near and ahead of the surface trough and associated wind change.

Precipitation forecast

Showers are possible near and ahead of the wind change and also about the South West and Central coasts late in the day. Little rain expected, only 1mm with showers and up to 5mm with thunderstorms.

Synoptic pattern and forecast

A high pressure system over the Tasman Sea is predicted to move towards New Zealand, while a trough and associated cold front will move rapidly across the State on Monday.



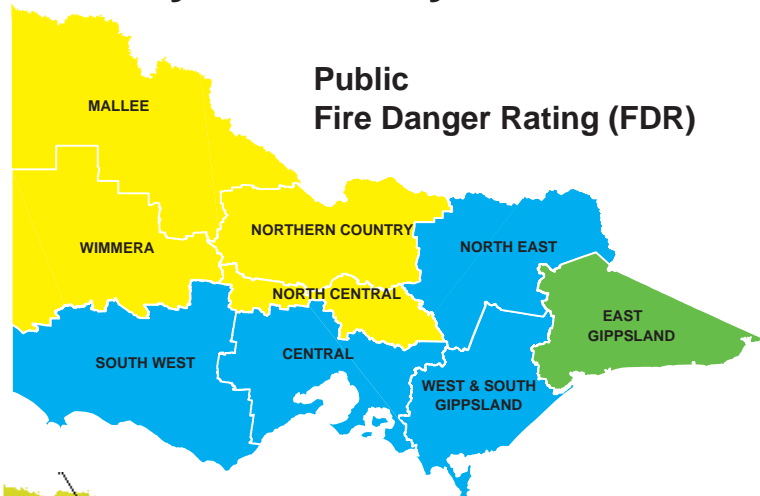
Hot to very hot at first over central and eastern districts with moderate to fresh northerly winds, but a milder, gusty southwest to southerly change over the southwest will extend throughout during the day, but not reaching the far northeast until evening. Isolated showers and thunderstorms possible near and following the change. Areas of raised dust possible over the far northwest this afternoon.

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.

Tuesday 4 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 10.30am 3 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

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

Fire Danger

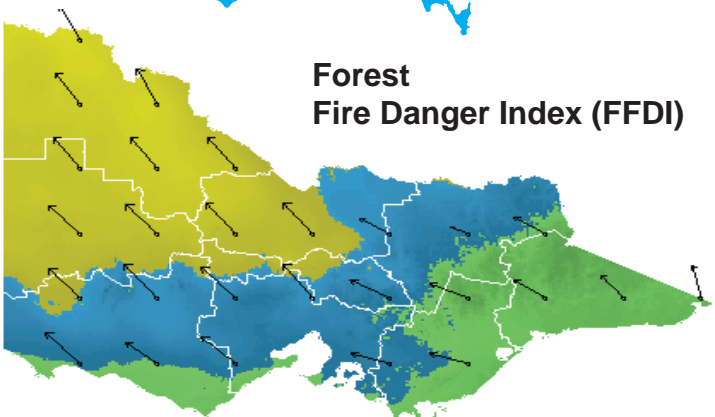
Max temps reaching 27-33°C in the north and 20-25°C in the south. Afternoon humidity grading from 10-25% in the north to 30-50% in the south. Fresh to locally strong south to southeast airflow resulting in elevated fire danger in the north and west.

Lightning potential

Very slight chance that thunderstorms (should they develop on Monday) could persist overnight into early Tuesday morning over the North East and East Gippsland.

Precipitation forecast

Showers and drizzle expected in Gippsland, with possible early morning thunderstorms, producing rainfall totals typically less than 5mm.

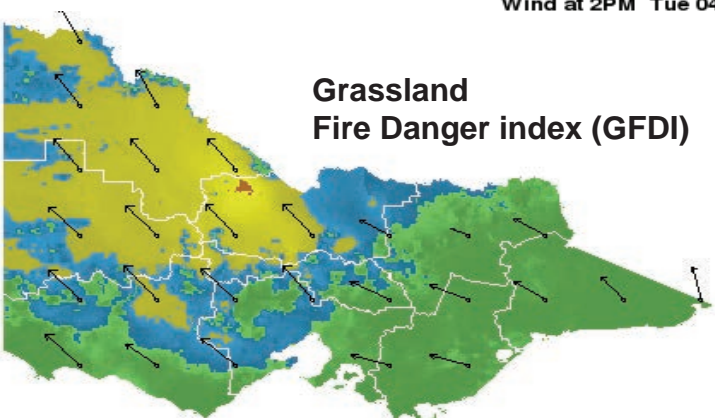


Forest Fire Danger Index (FFDI)

FFDI

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

Max Forest Fire Danger Index Tue 04
Wind at 2PM Tue 04



Grassland Fire Danger index (GFDI)

GFDI

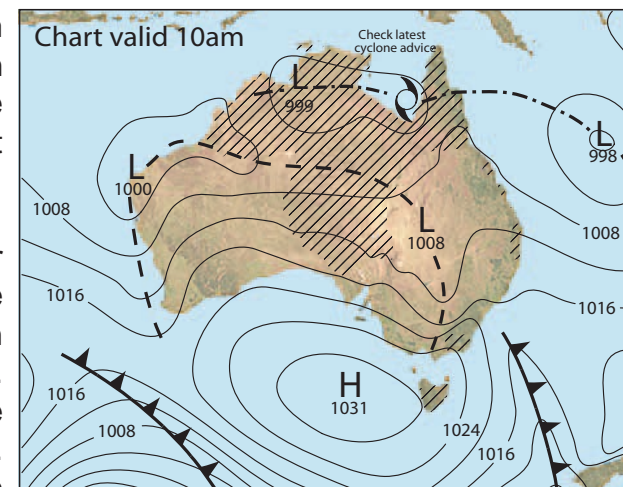
- 150+
- 100-149
- 50-99
- 25-49
- 12-24
- 0-11

Max Grass Fire Danger Index Tue 04
Wind at 2PM Tue 04

Synoptic pattern and forecast

A high pressure system crossing the Southern Ocean is expected to extend a ridge across Tasmania and start building up the NSW coast.

Isolated showers over Gippsland, scattered in the east during the morning then clearing during the afternoon. Dry elsewhere. Mild in the south, warm in the north. Fresh to strong south to southeasterly winds.

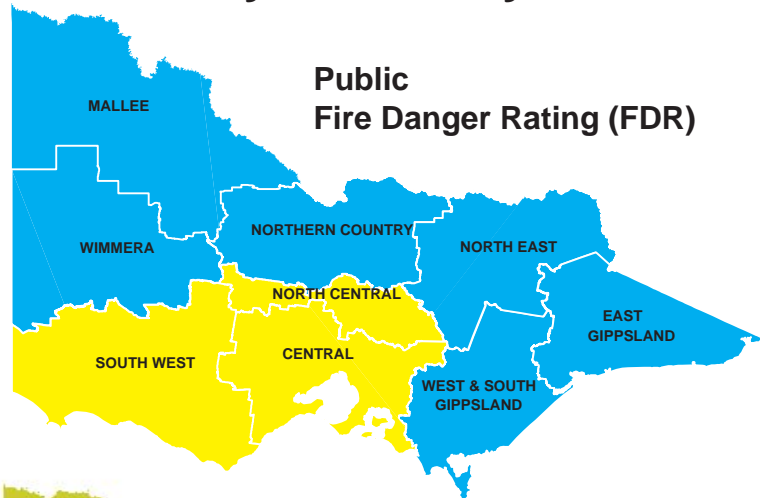


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Wednesday 5 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 10.30am 3 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

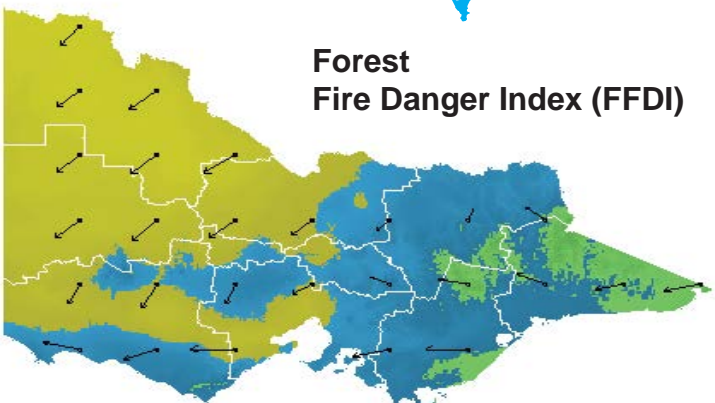
- CODE RED
- EXTREME
- SEVERE
- VERY HIGH
- HIGH
- MODERATE/LOW

Fire Danger

Max temps reaching 32-38°C in the north and west; and 24-30°C over remaining southern parts. Afternoon humidity grading from 15-20% in the north and west to 30-40% in the east. Northeast airflow inland with fresh to strong easterly coastal seabreezes.

Lightning potential

Nil.

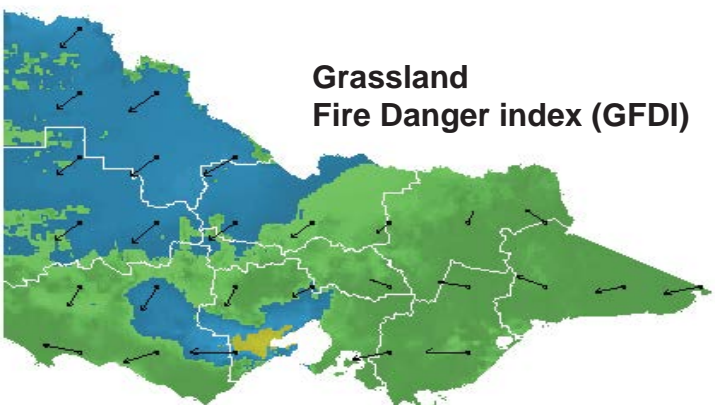


Forest Fire Danger Index (FFDI)

FFDI

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

Max Forest Fire Danger Index Wed 05
Wind at 2PM Wed 05



Grassland Fire Danger index (GFDI)

GFDI

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

Max Grass Fire Danger Index Wed 05
Wind at 2PM Wed 05

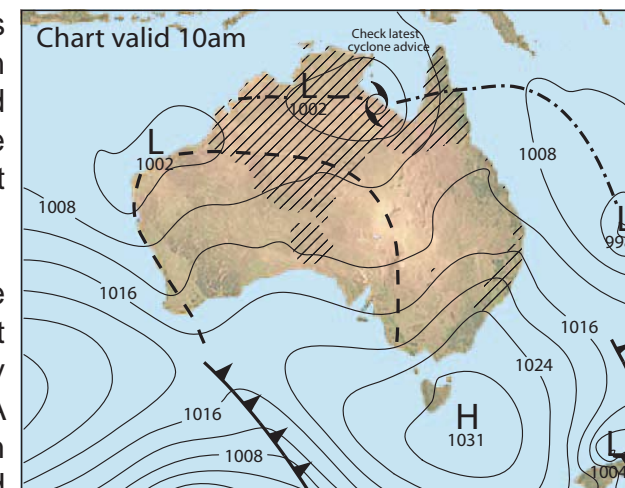
Precipitation forecast

Possible showers about the Gippsland coast producing rainfall totals typically less than 1mm.

Synoptic pattern and forecast

A high pressure system is expected to cross Tasmania on Wednesday, while an inland low pressure trough over the interior dips into northwest Victoria.

Isolated showers possible about the Gippsland coast during the early morning. Dry and sunny otherwise. A generally warm day, though hot over the northwest and milder over Gippsland.

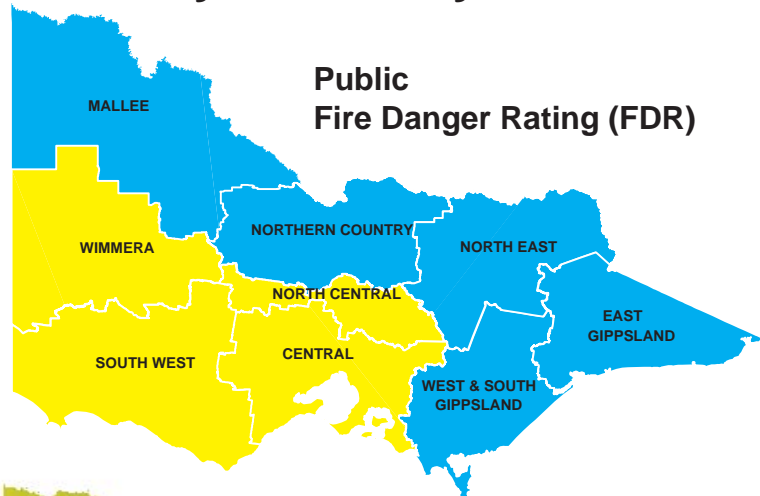


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Thursday 6 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 10.30am 3 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

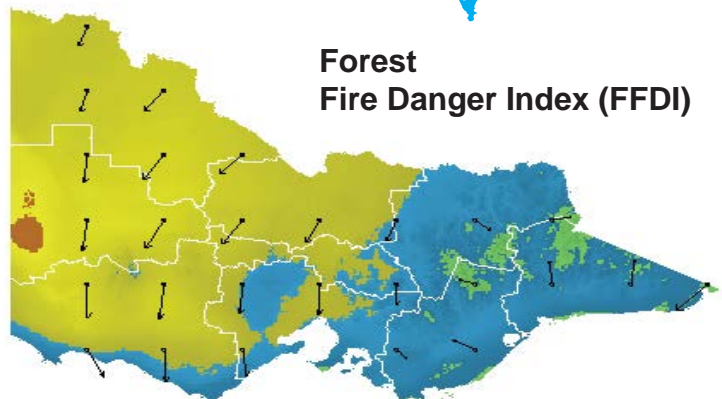
- CODE RED
- EXTREME
- SEVERE
- VERY HIGH
- HIGH
- MODERATE/LOW

Fire Danger

Max temps reaching 35-39°C in the west; and 28-34°C toward the coast and eastwards. Afternoon RH grading from 10-20% in the north and west to 20-35% in the east. Morning low-level northerly jet tending to moderate PM. Southwest wind shift in the west. Seabreezes in the east.

Lightning potential

Nil.

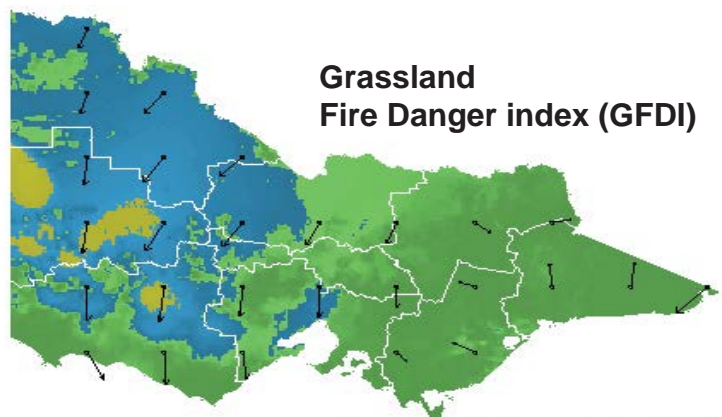


Forest Fire Danger Index (FFDI)

FFDI

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

Max Forest Fire Danger Index Thu 06
Wind at 2PM Thu 06



Grassland Fire Danger index (GFDI)

GFDI

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

Max Grass Fire Danger Index Thu 06
Wind at 2PM Thu 06

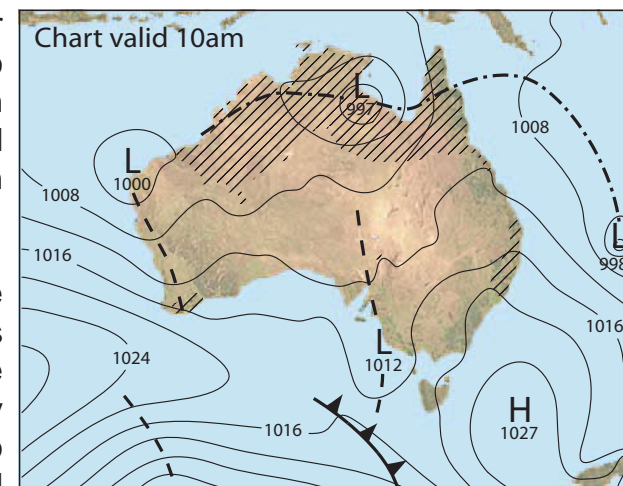
Precipitation forecast

Nil.

Synoptic pattern and forecast

A high pressure system over the Tasman Sea is expected to drift towards New Zealand on Thursday, while an inland trough exists over western Victoria.

Dry and sunny apart from the chance of isolated showers over the northwest during the afternoon. A warm to hot day with light to moderate north to northeasterly winds and afternoon coastal seabreezes.



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EXTENDED OUTLOOK

Friday 7 February 2014

Forecast confidence

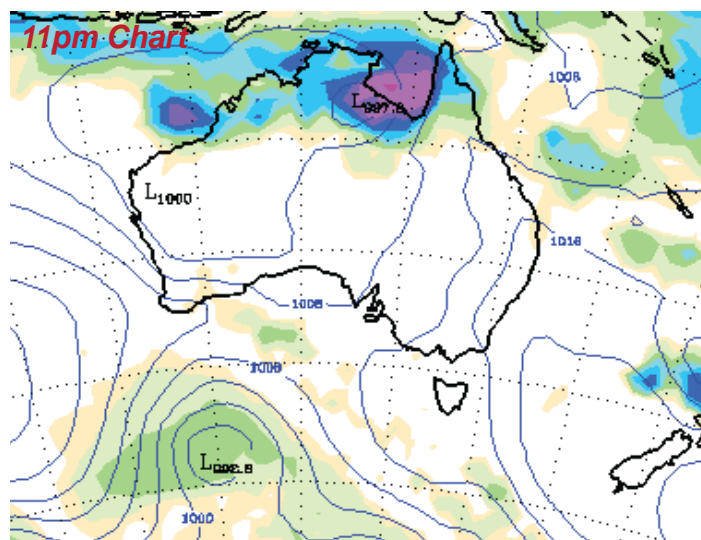
Moderate.

Weather model discussion

A surface low pressure trough is predicted to slowly moving across western Victoria with predominately light winds shifting southerly in the west and afternoon coastal seabreezes. The guidance is becoming more uniform in depicting a hot, dry airmass inland. Generally dry conditions expected with just the chance of some showers about the Otways and Wilsons Prom behind the southerly wind change.

Statement on fire danger

Grassland fire danger High to Very High in the north and west. Forest fire danger Very High, possibly isolated areas of Severe in the west.



Saturday 8 February 2014

Forecast confidence

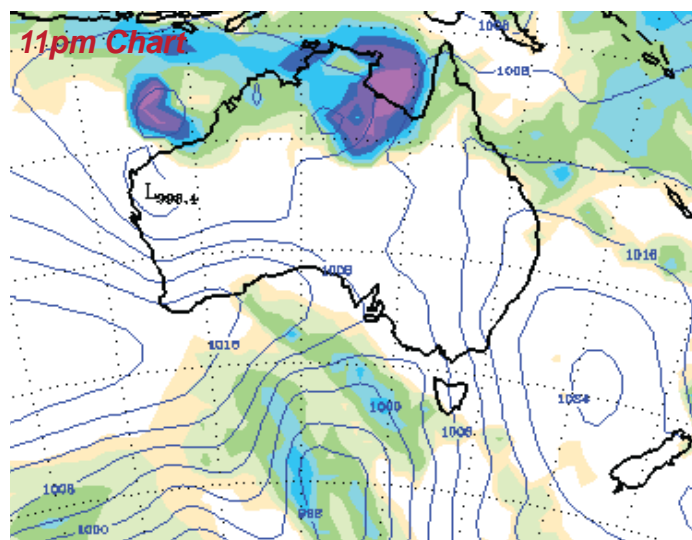
Moderate.

Weather model discussion

The global weather models have an inland low pressure trough crossing South Australia and approaching Victoria's western border with a cold front crossing the Southern Ocean as depicted in the chart below. Some of the models have this system progressing eastwards more quickly. The weather is likely to remain hot and dry with north to northeast winds and coastal seabreezes. The strength of the northerly winds may be fresh over western and central Victoria.

Statement on fire danger

Grassland fire danger High to Very High. Forest fire danger Very High, possibly reaching Severe in northwest.



Sunday 9 February 2014

Forecast confidence

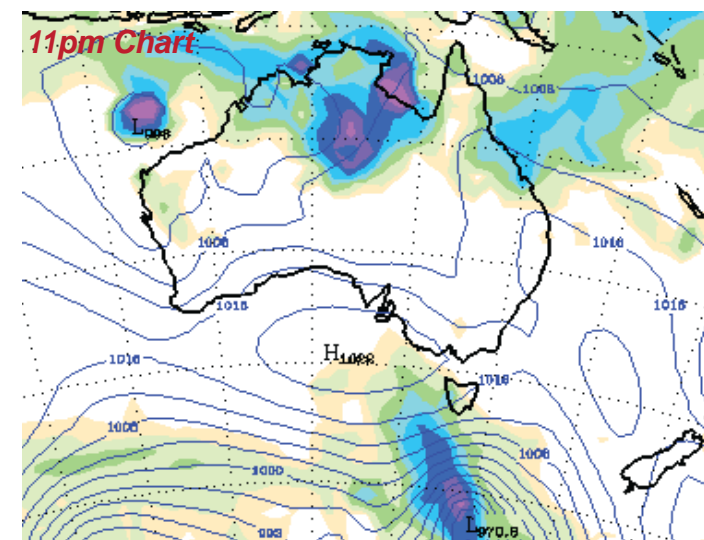
Moderate.

Weather model discussion

The global weather models are pointing at Sunday as the next critical Fire Weather Day, with a southwest change entering the South West early morning, and progressing rapidly into the east of the State by Sunday afternoon. Expectations are for hot and dry conditions ahead of the change with moderate northerly winds. Cool behind the change with fresh southwesterly winds extending throughout. Uncertainty as to whether there will be thunderstorms with the change - very low risk.

Statement on fire danger

Grassland fire danger High to Very High. Forest fire danger Very High, possibly reaching Severe.



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