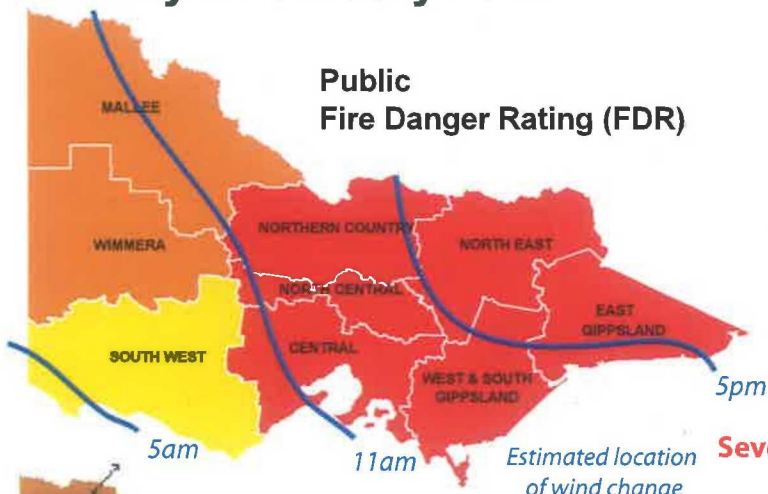




Sunday 9 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 3.00am 9 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

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

Critical fire weather

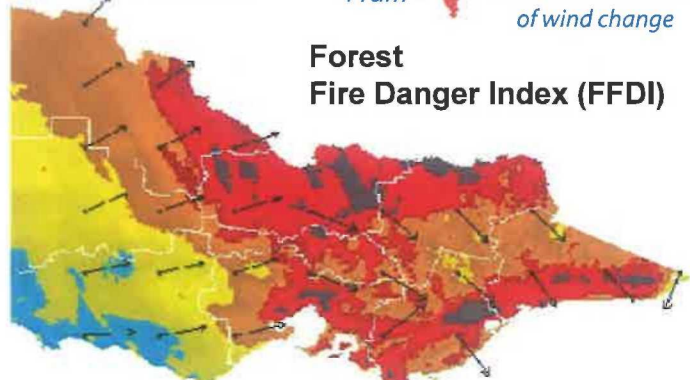
Severe Weather Warning issued for damaging wind gusts

FFDI

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

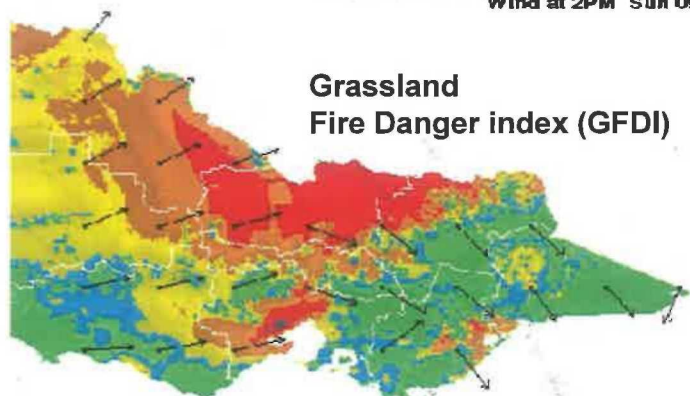
GFDI

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



Forest Fire Danger Index (FFDI)

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



Grassland Fire Danger Index (GFDI)

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

Fire Danger

Warm night with poor humidity recovery early morning. Maximum temps 38-42°C ahead of an early cool change. Afternoon RH generally 8-15% ahead of the change. Strong north to northwest winds ahead of a gusty south to southwest wind change. C-Haines reaching 10-13.

Lightning potential

High-based (dry) storms a risk over the southwest behind the change in the morning. Storms are considered a risk over Gippsland near/ahead of change given there has been development over the last few days.

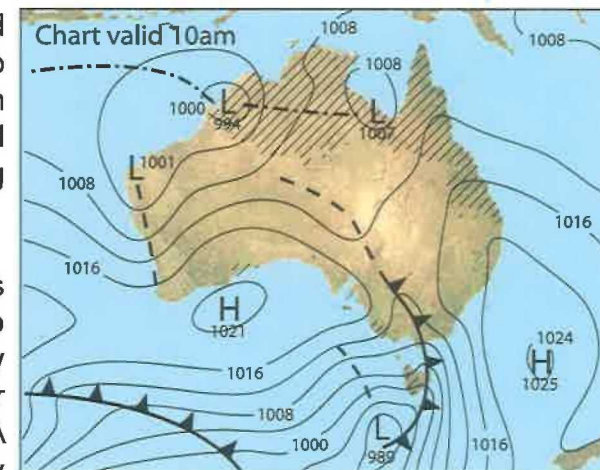
Precipitation forecast

Isolated showers and thunderstorms a chance over southern parts of the State today, with totals typically 5mm or less. Most likely areas Gippsland head/near change and southwest behind change.

Synoptic pattern and forecast

A low pressure trough and cold front are expected to strengthen over western Victoria this morning and sweep across the State during the afternoon and evening.

Hot at first over most districts with freshening north to northwesterly winds, locally strong and squally over central and eastern districts. A gusty cooler southwesterly change in the west early in the morning, moving to central districts and the northwest by late morning then extending into eastern districts during the afternoon. Isolated showers in the southwest with and following the change.

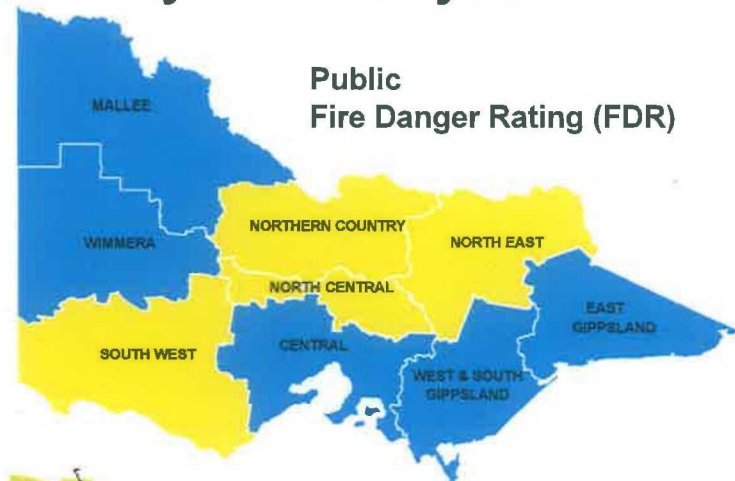


This weather briefing package is prepared by the meteorologist in the State Control Centre to assist fire agencies with preparedness and is not to be distributed without permission.

Monday 10 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 3.00am 9 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

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



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

Fire Danger

Conditions stabilise very quickly on Monday. Maximum temps 32-37°C in the north and 23-28°C in the south. Afternoon humidity grading from 8-15% in the north to 20-40% in the south. Light to moderate southeasterly airflow with locally fresh afternoon coastal seabreezes.

Lightning potential

Nil.

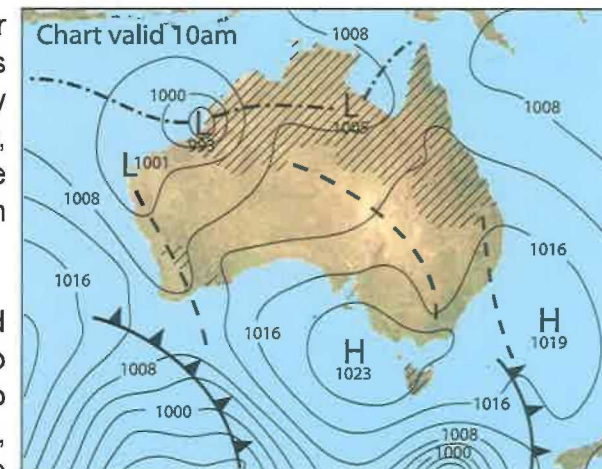
Precipitation forecast

Nil.

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.

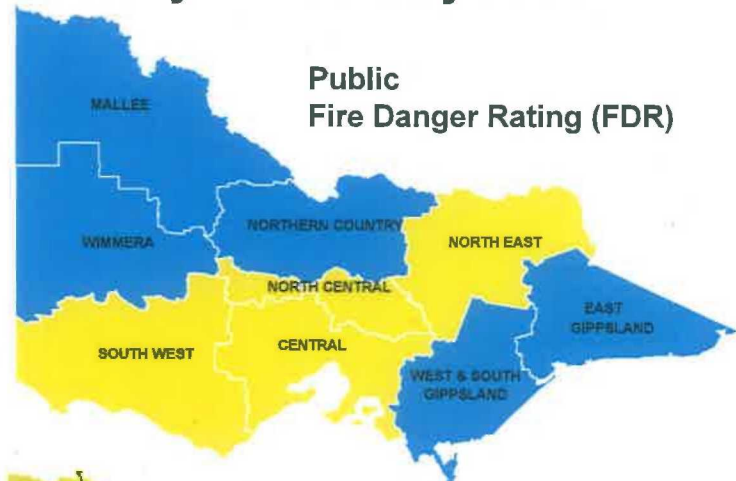


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Tuesday 11 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 3.00am 9 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

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



Forest Fire Danger Index (FFDI)

FFDI

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



Grassland Fire Danger index (GFDI)

GFDI

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

**Max Grass Fire Danger Index Tue 11
Wind at 2PM Tue 11**

Fire Danger

Max temps ranging from 35-39°C in the north and west to 25-32°C toward the coast and Gippsland. Afternoon humidity grading from 8-15% in the north and west to 30-50% near the coast and Gippsland. Light winds inland and afternoon coastal seabreezes.

Lightning potential

Nil.

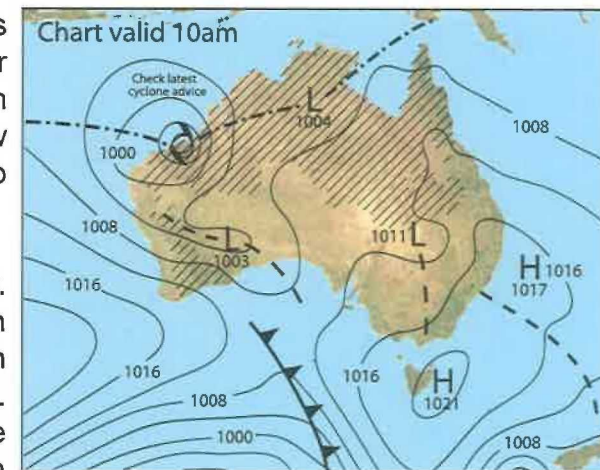
Precipitation forecast

Nil.

Synoptic pattern and forecast

A high pressure system is expected to move slowly over the south Tasman Sea on Tuesday, while an inland low pressure trough extends into northeast Victoria.

Fine and generally sunny. Very warm to hot in the north and west but milder in Gippsland and near the coast. Light to moderate southeasterly wind and fresh afternoon sea breezes.

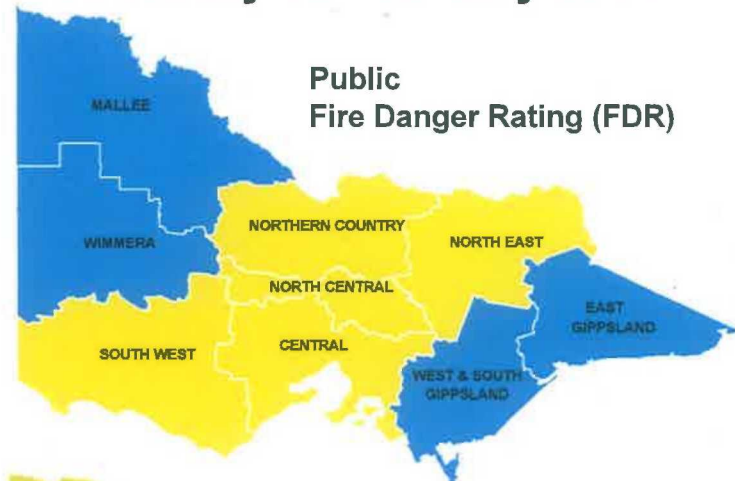


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Wednesday 12 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 3.00am 9 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

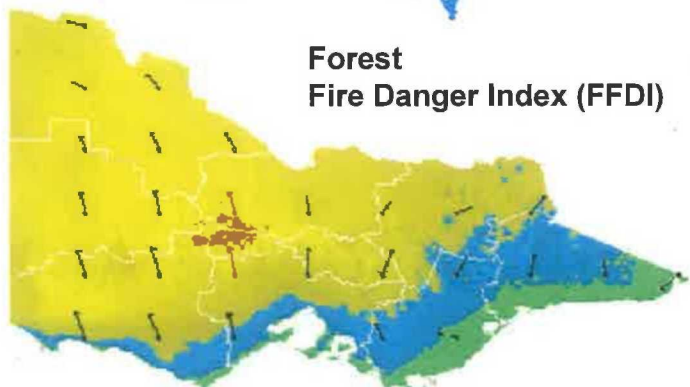
- CODE RED
- EXTREME
- SEVERE
- VERY HIGH
- HIGH
- MODERATE/LOW

Fire Danger

Max temps ranging from 37-41°C in the north and west to 27-34°C toward the coast and Gippsland. Afternoon humidity grading from 8-15% in the north and west to 30-50% near the coast and Gippsland. Light winds inland and afternoon coastal seabreezes.

Lightning potential

Nil.



Forest Fire Danger Index (FFDI)

FFDI

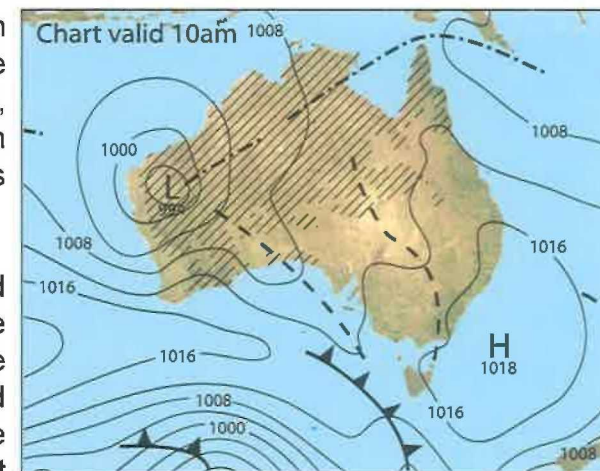
- 100+
- 75-99
- 50-74
- 25-49
- 12-24
- 0-11

Precipitation forecast

Localised falls predominately less than 2mm associated with afternoon showers over the southwest.

Synoptic pattern and forecast

A weak high pressure system is expected to reside over the Tasman Sea on Wednesday, while a low pressure trough over the Bight approaches Victoria.



Fine apart from isolated showers developing in the southwest during the afternoon. Warm to hot inland with light to moderate southeasterly winds but milder near the coast with afternoon seabreezes.



Grassland Fire Danger index (GFDI)

GFDI

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

Max Forest Fire Danger Index Wed 12 Wind at 2PM Wed 12

Max Grass Fire Danger Index Wed 12 Wind at 2PM Wed 12

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EXTENDED OUTLOOK

Wednesday 12 February 2014

Forecast confidence

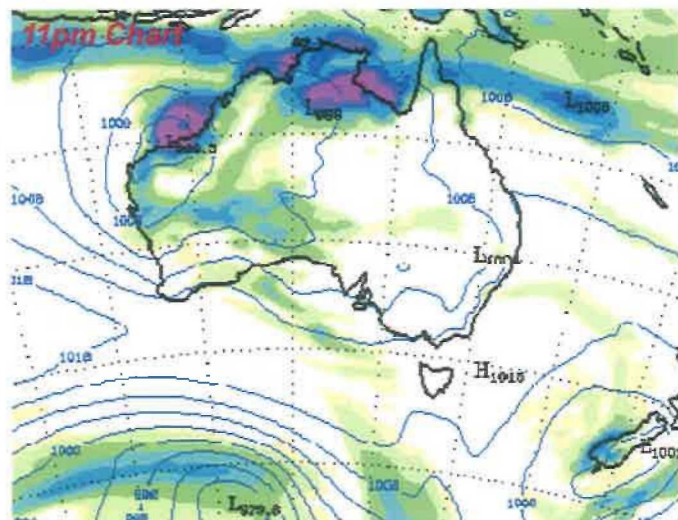
Moderate.

Weather model discussion

The global weather models maintain a weak high pressure system over the Tasman Sea, while the continent is essentially covered by a broad low pressure trough. The guidance tends to indicate a continuation of warm to hot and dry conditions dry across the State on Wednesday with predominately light winds and afternoon coastal seabreezes. There is a chance of isolated afternoon showers over the southwest.

Statement on fire danger

Grassland fire danger reaching High in the north, possibly Very High in the west. Forest fire danger Very High, possibly reaching Severe in the north.



Thursday 13 February 2014

Forecast confidence

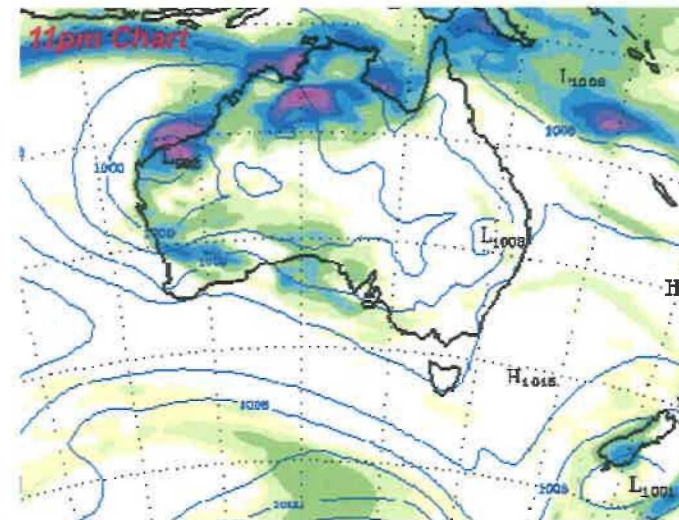
Moderate.

Weather model discussion

Some divergence in between the global weather models but suggest an inland low pressure trough extends from SA into western Victoria. Perhaps the greatest difference exists in the moisture single, which could remain dry or as suggested in the chart below isolated showers may develop during the afternoon in the west and north. Hot in the north with light winds, warm to hot in the south with light to moderate southerly winds and afternoon coastal seabreezes.

Statement on fire danger

Grassland fire danger High grading to Very High over the northwest. Forest fire danger High to Very High grading to Severe in the northwest.



Friday 14 February 2014

Forecast confidence

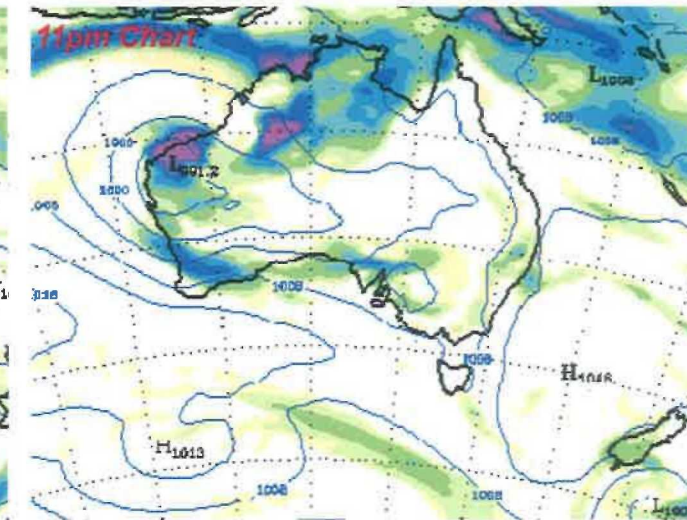
Low.

Weather model discussion

The weak pressure gradient for Victoria, as indicated in the chart below, is a feature of all the global weather models. There is also a precipitation signature in all models surveyed, although as would be expected the spatial extent and amount varies considerably. The airmass is likely to remain warm to hot and could end up being relatively humidity, leading to scattered shower and thunderstorm activity.

Statement on fire danger

Grassland fire danger generally High. Forest fire danger High grading to Very High over the northwest.



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