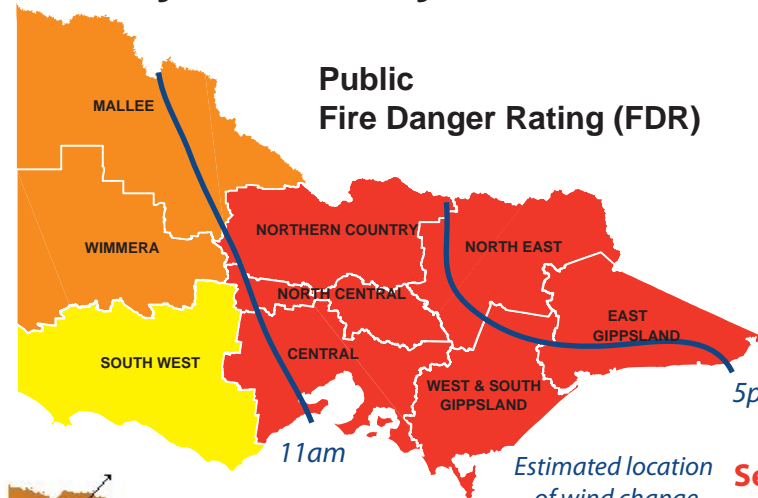


Sunday 9 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 10.30am 9 February 2014

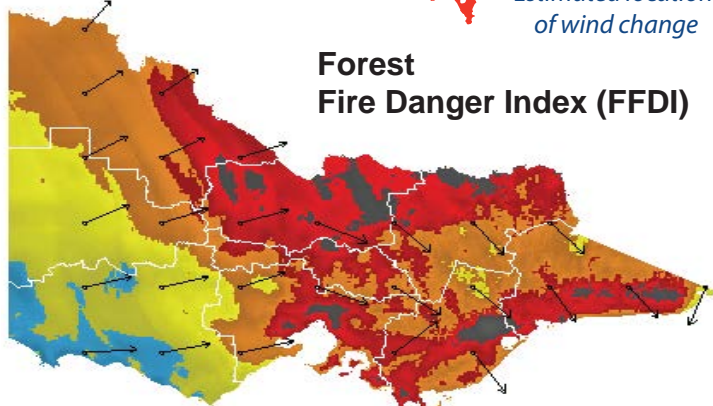


Public Fire Danger Rating (FDR)

Fire Danger Rating

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

Wind Change Chart has been issued



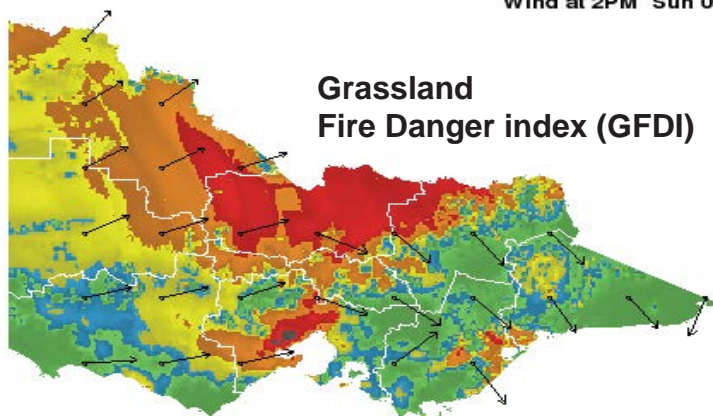
Forest Fire Danger Index (FFDI)

Severe Weather Warning issued for damaging wind gusts

FFDI

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

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



Grassland Fire Danger index (GFDI)

GFDI

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

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

Fire Danger

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

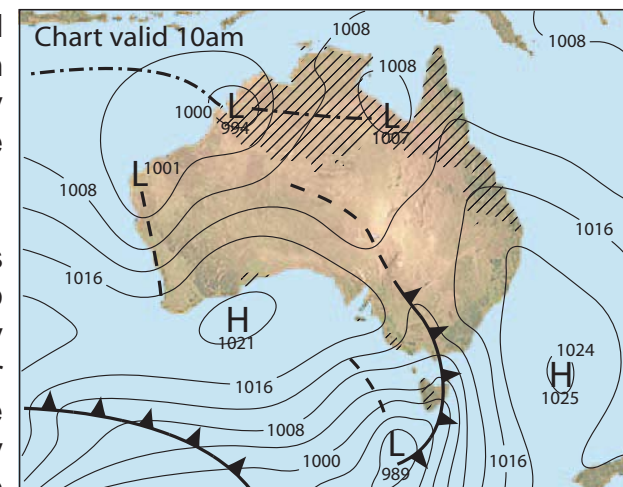
Now considered a remote risk with the greatest instability moving away toward Tasmania. Pyro-convection leading to thunderstorms is considered a high risk today.

Precipitation forecast

Now considered unlikely.

Synoptic pattern and forecast

A cold front and associated wind change over western Victoria is predicted to rapidly move across the rest of the State this afternoon.



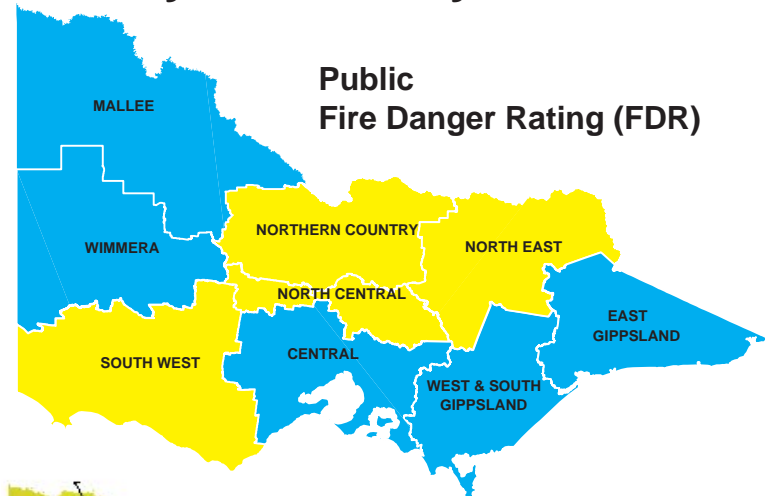
Hot at first over most districts with freshening north to northwesterly winds, locally strong and squally over central districts and the eastern highlands. A gusty cooler southwesterly change in the west early in the morning, moving to central districts and the northwest by midday then extending into 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 10.30am 9 February 2014



Public Fire Danger Rating (FDR)

Fire Danger Rating

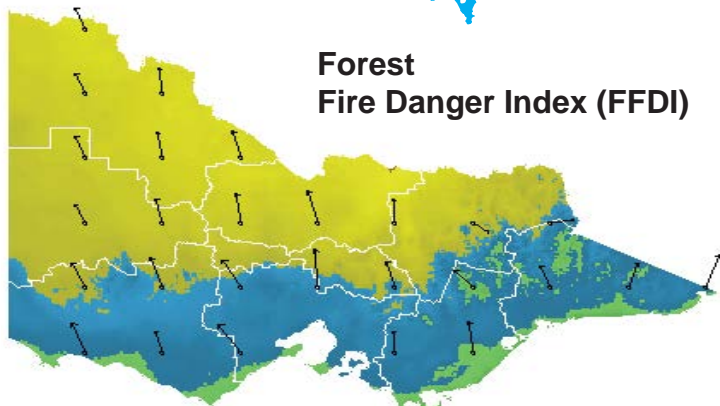
- CODE RED
- EXTREME
- SEVERE
- VERY HIGH
- HIGH
- MODERATE/LOW

Fire Danger

Conditions stabilise very quickly on Monday. Maximum temps 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.

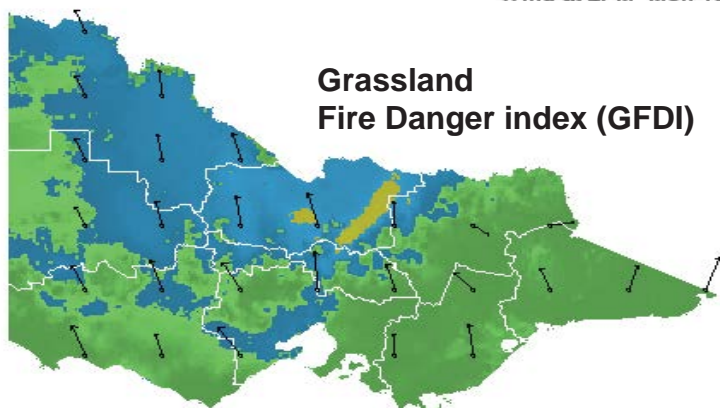


Forest Fire Danger Index (FFDI)

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

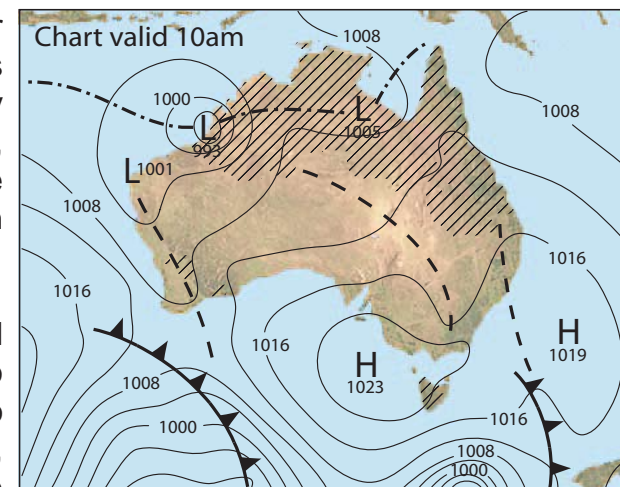
Precipitation forecast

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.

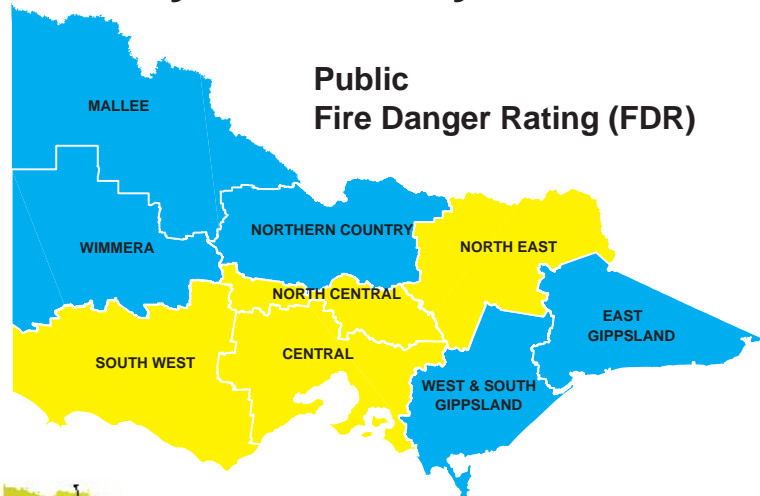


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Tuesday 11 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 10.30am 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 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.

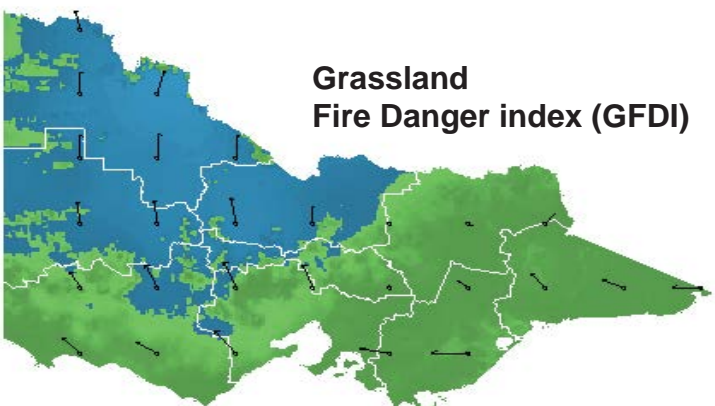


Forest Fire Danger Index (FFDI)

FFDI

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

Max Forest Fire Danger Index Tue 11
Wind at 2PM Tue 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

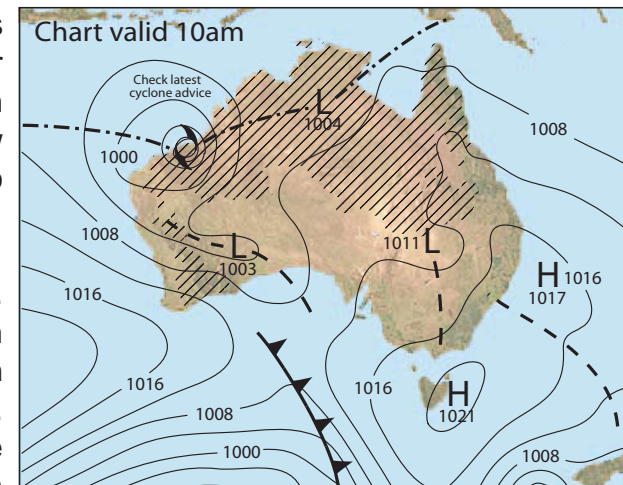
Precipitation forecast

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.

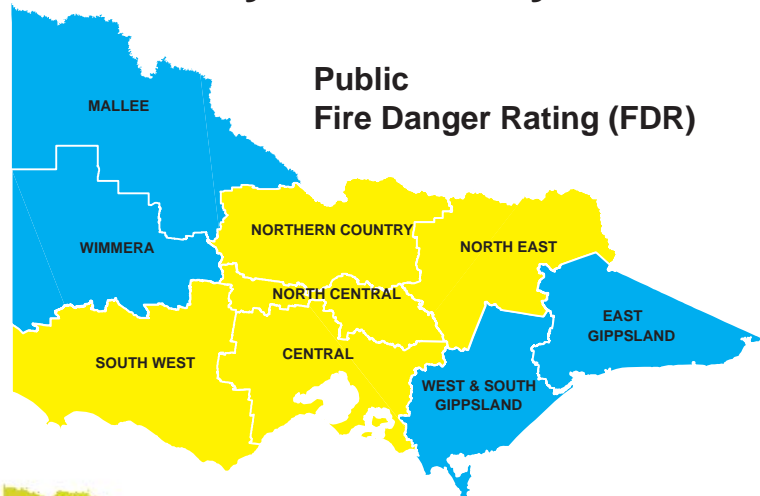


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Wednesday 12 February 2014

SCC FIRE WEATHER BRIEFING

Prepared 10.30am 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.

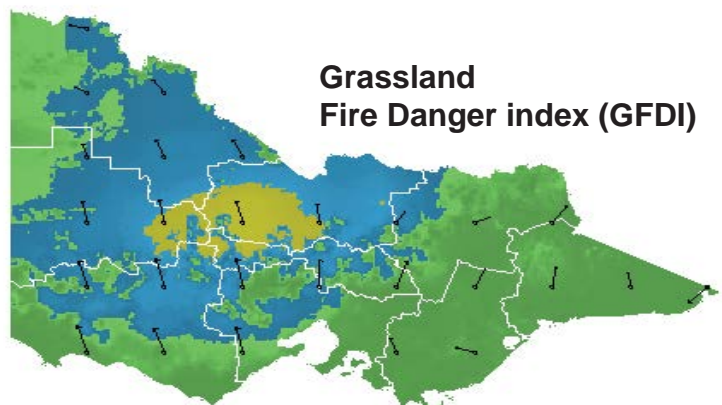


Forest Fire Danger Index (FFDI)

FFDI

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

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



Grassland Fire Danger index (GFDI)

GFDI

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

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

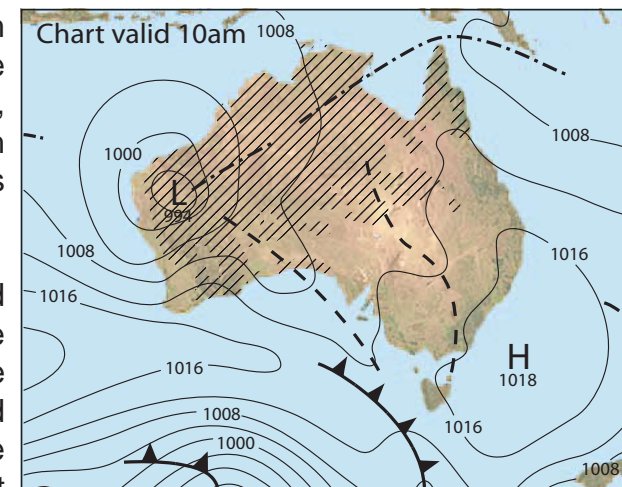
Precipitation forecast

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.



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EXTENDED OUTLOOK

Thursday 13 February 2014

Forecast confidence

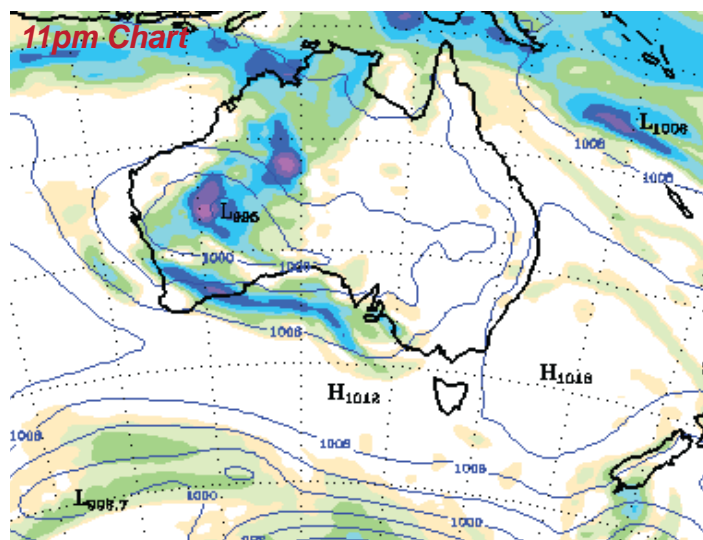
Moderate.

Weather model discussion

The global weather models suggest an inland low pressure trough will extend from SA into western Victoria. Perhaps the greatest difference exists in the moisture single, which could remain mostly dry (as in the chart below) or showers may develop across the State. Depending on moisture, conditions may be warm to hot with light 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

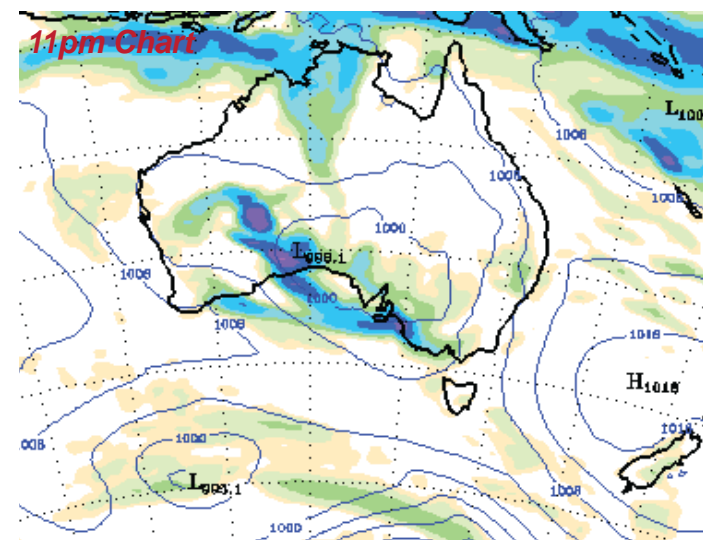
Low.

Weather model discussion

Increasing divergence between the global weather models, but generally indicating that broad low pressure trough over SA will also extend across Victoria. Once again the moisture signal in the guidance varies substantially from widespread rain in the north with totals mostly to 10mm to shower and thunderstorm activity with localised falls. Generally warm and humid with light winds.

Statement on fire danger

Grassland fire danger locally high in the northwest. Forest fire danger High, locally Very High in the northwest.



Saturday 15 February 2014

Forecast confidence

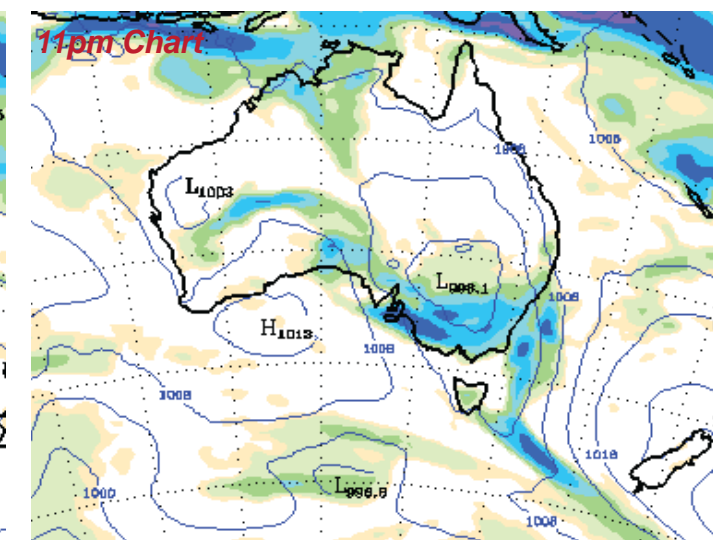
Low.

Weather model discussion

Victoria's weather is likely to remain influenced by a broad low pressure trough associated with moisture, however how the models resolve the precipitation varies considerably, although the bulk of the models do suggest some rain over the eastern half of the State, with a less optimistic signal in the west. The weather is likely to be characterised by a warm and humid airmass with light winds.

Statement on fire danger

Grassland fire danger generally low to moderate. Forest fire danger broadly High.



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