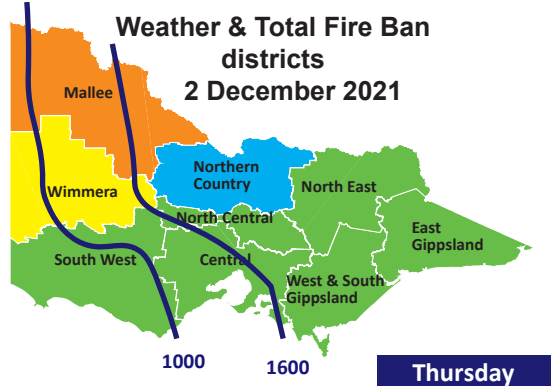


SCC FIRE WEATHER & HEAT INTELLIGENCE BRIEFING

IDV22300

Prepared 6:10pm Wednesday 1 December 2021



Wind change timing

The map of Victoria above will be annotated with the estimated location of a forecast wind change for the current (or following) day.

DISTRICT	Thursday 2 Dec	Friday 3 Dec	Saturday 4 Dec	Sunday 5 Dec	Monday 6 Dec	Tuesday 7 Dec	Wednesday 8 Dec
Mallee	S	H	H	H	H	VH	H
Wimmera	VH	H	H	H	H	VH	H
Northern Country	H	H	L-M	L-M	H	L-M	L-M
North Central	L-M	L-M	L-M	L-M	L-M	L-M	L-M
North East	L-M	L-M	L-M	L-M	L-M	L-M	L-M
South West	L-M	L-M	L-M	L-M	H	L-M	L-M
Central	L-M	L-M	L-M	L-M	L-M	L-M	L-M
W & S Gippsland	L-M	L-M	L-M	L-M	L-M	L-M	L-M
East Gippsland	L-M	L-M	L-M	L-M	L-M	L-M	L-M

← Official FDR forecast at time of issue → ← Unofficial FDR forecast →

Symbol interpretation

Wind change

Highlights a change in wind direction associated with a trough or cold front on days when the FDI ≥ 35 .

Continuous Haines

Highlights when convection may play an important role in fire behaviour; aligned with $cHaines \geq 11$.

Lightning

Highlights occasions when thunderstorms are possible.

Precipitation

District wide forecast rainfall totals of 5mm or more (affecting KBDI).

Heat Wave

Severe (white) or extreme (black) heatwave intensity as defined by BoM.

Forecast confidence

Subjective measure of weather and fire danger forecast confidence. The higher the horizontal bar the greater the confidence (based on variation in weather model guidance for Victoria).

THURSDAY 2 DECEMBER

- Trough in the west slowly moves east, reaching central districts during the late afternoon.
- Warm and humid with freshening N'ly winds ahead of the trough with cooler, gusty SW'ly winds behind.
- Showers & storms developing in the west late morning and extending across the state during the day.
- Severe storms are possible with heavy rainfall likely (large hail and damaging winds also possible).
- Falls generally <5mm, 20-40mm with storms. Moderate ETSA risk about central and eastern districts.
- Max temps mostly 32-38°C in the north, 27-32°C in the south, although just 18-24°C in the southwest.
- Afternoon RH generally lowering to 15-25% in the northwest, 30-45% rest north, 50-70% in the south.

FRIDAY 3 DECEMBER

- The trough slowly moves through eastern districts as a high pressure ridge extends across the south.
- Warm and humid at first in the east, drier in the west as moderate to fresh SW to SE'lies extend east.
- Isolated showers in the south, contracting to Gippsland during the morning. Isolated storms in the east.
- Falls generally 1-5mm, increasing to 5-15mm about the NE ranges/East Gippsland.
- Max temps 27-32°C in the north, 18-23°C in the south.
- Afternoon RH generally lowering to 10-25% in the northwest, 40-60% elsewhere.

OUTLOOK

- A high pressure system is expected to track to the south of Victoria during the weekend. Conditions should be mainly dry and sunny, apart from isolated showers contracting to Gippsland and clearing.
- On Monday, the high pressure system in the Tasman Sea will direct NE'lies across the State with a return of warm, humid, unsettled conditions.
- Global model confidence low from Tuesday with variations in the timing of the next trough to cross the State. Showers and storms are expected, mainly across central and eastern parts. Conditions will be warm to hot in the northwest, becoming milder in the south on Wednesday.

Fire Danger Rating

- CODE RED (CR)
- EXTREME (E)
- SEVERE (S)
- VERY HIGH (VH)
- HIGH (H)
- LOW-MODERATE (L-M)

The forecast Fire Danger Rating (FDR) for each weather district is presented in the table above for the next seven days. Note that the official FDR is only calculated out to four days, while the FDRs for days five to seven are based on the latest available guidance from global weather models.