



ORGANISING AUTHORITY:

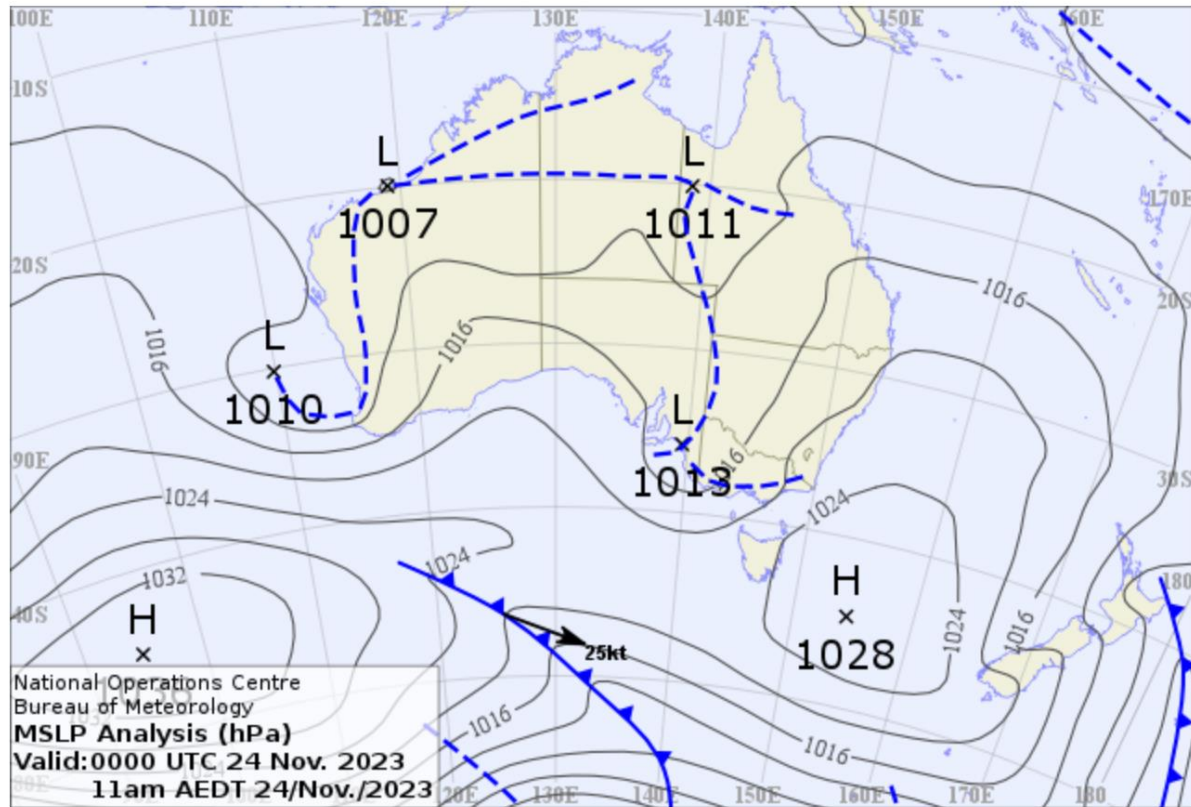


2023 Weather Briefing

Kenn Batt - Meteorologist

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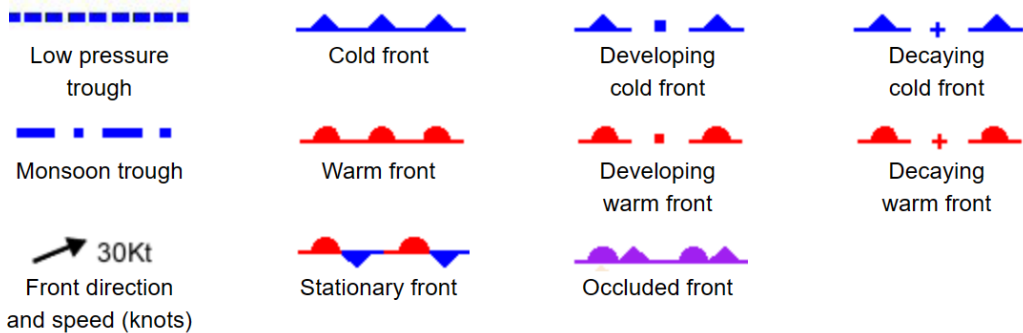




Latest Surface Analysis

- A high pressure system lies to the east of Tasmania.
- A low pressure system and associated trough currently near Adelaide, will move over Bass Strait during Saturday.
- A cold front to the west of Tasmania is moving toward the east.

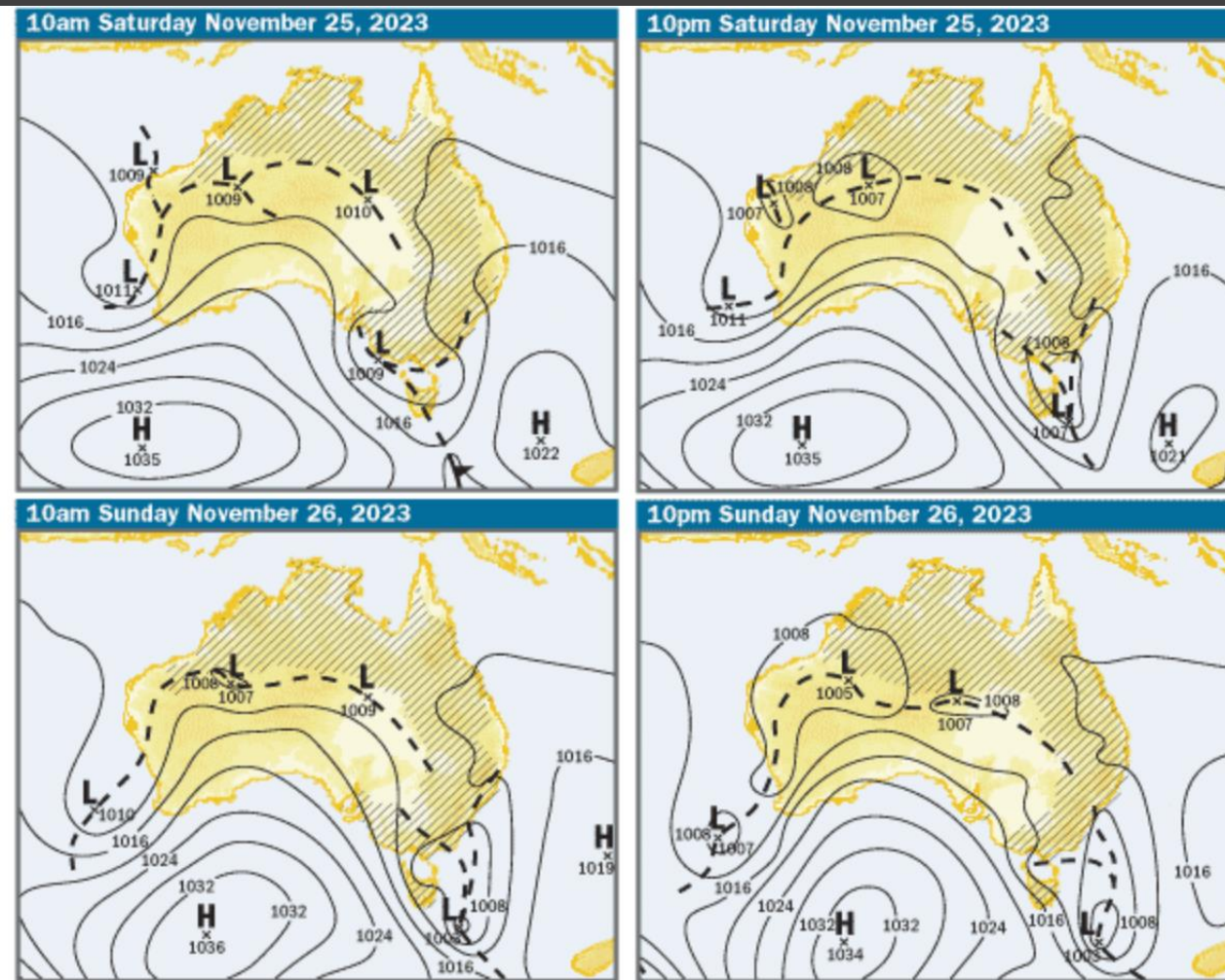
Features:



Top: Saturday 25th Nov 10am/10pm

2 Day Isobaric Forecast Charts – ACCESS G model

- The low pressure system and associated trough near Adelaide is expected to deepen and move over Bass Strait and Tasmania during Saturday. This coupled, with the passage of the cold front over southern parts of the State, will result in a showery, fresh to strong and gusty southerly change over the race-course from late Saturday and on Sunday.
- There is good overall computer model consensus or what we call model convergence.
- The differences surround timings and intensities of systems (the usual stuff!)



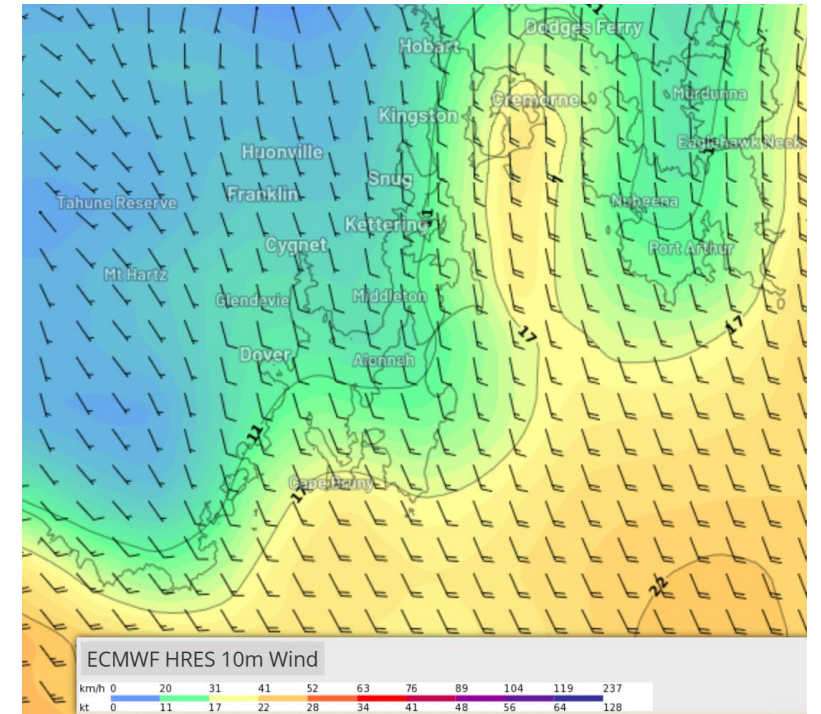
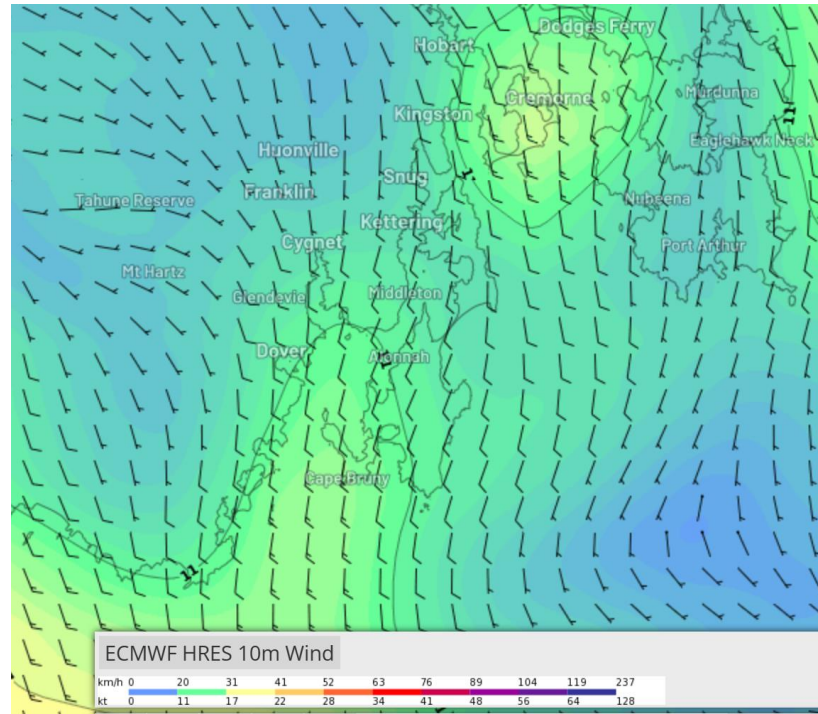
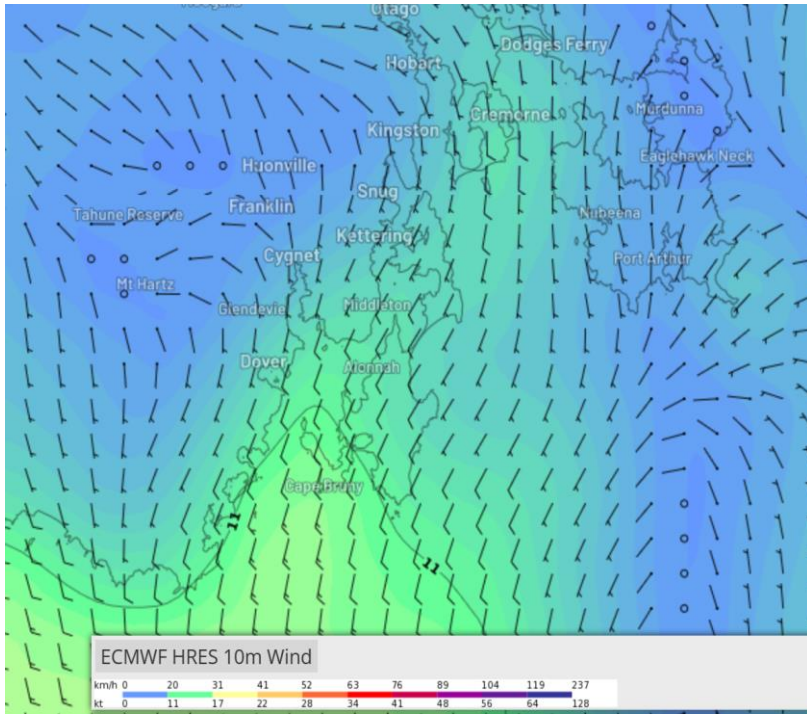
Bottom: Sunday 26th Nov 10am/10pm

Forecast Wind – ECMWF model

Saturday 25th 8am

Saturday 25th 2pm

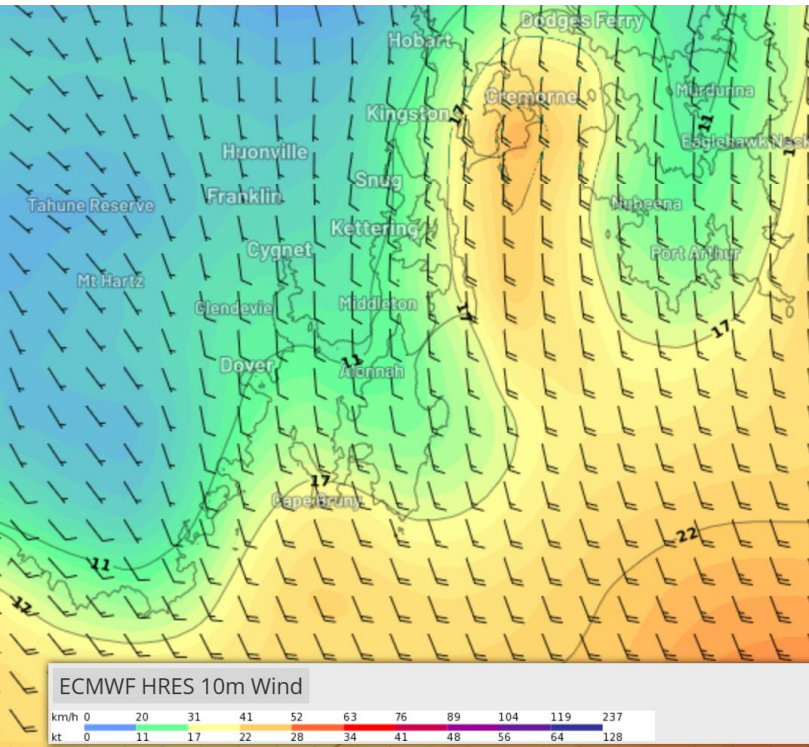
Saturday 25th 11pm



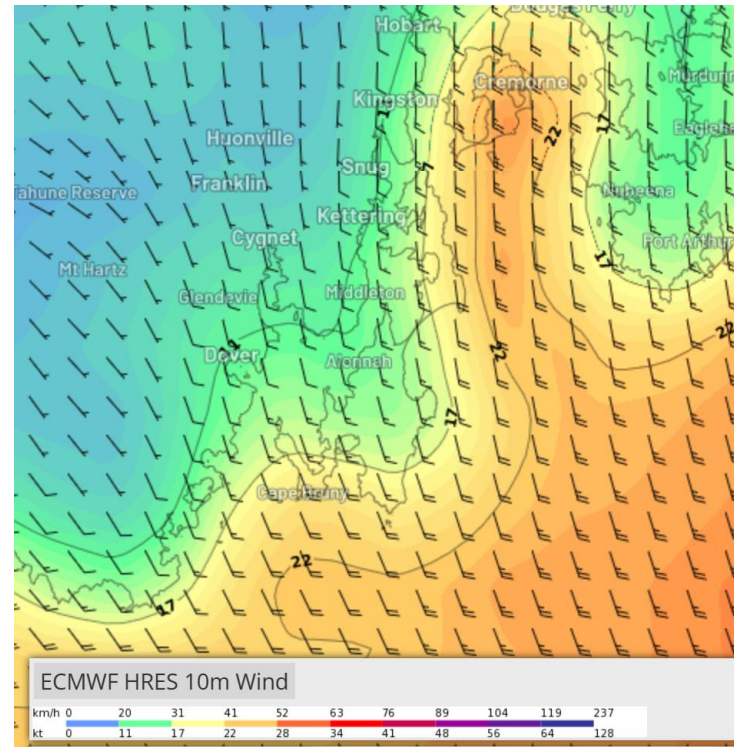
Low pressure trough southern parts during the morning and afternoon. The cold front moves through later in the evening. As a result, southerly winds freshen to around 15-20kt (average) and gusty over the race area by 2300hr. Showers will start to have an influence from time to time on the surface wind field i.e. short period gusty and shifty winds when showers are in the area.

Forecast Wind – ECMWF model

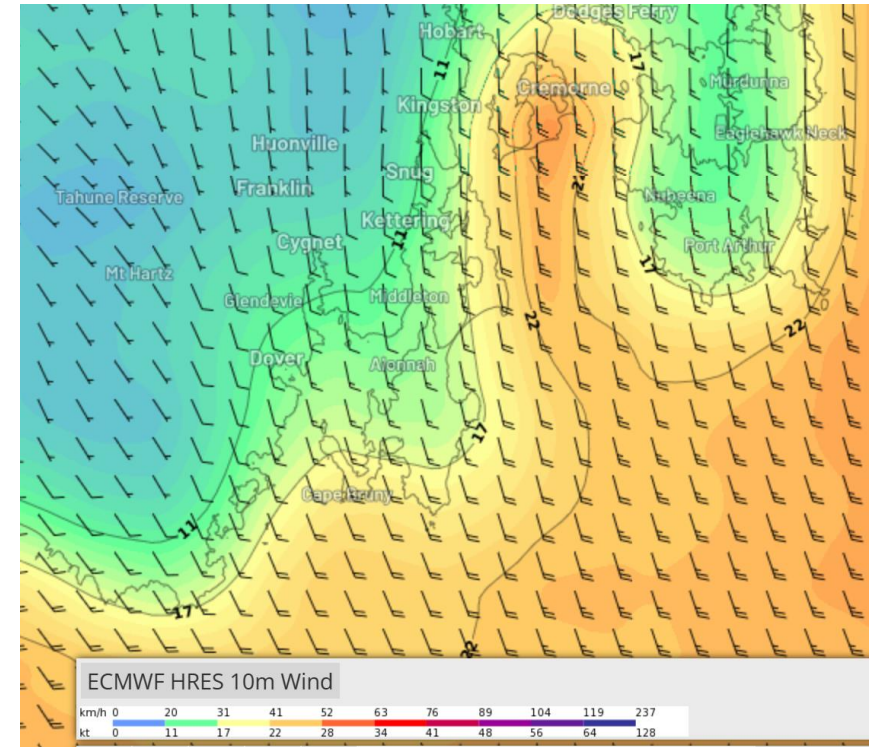
Sunday 26th 2am



Sunday 26th 5am



Sunday 26th 8am

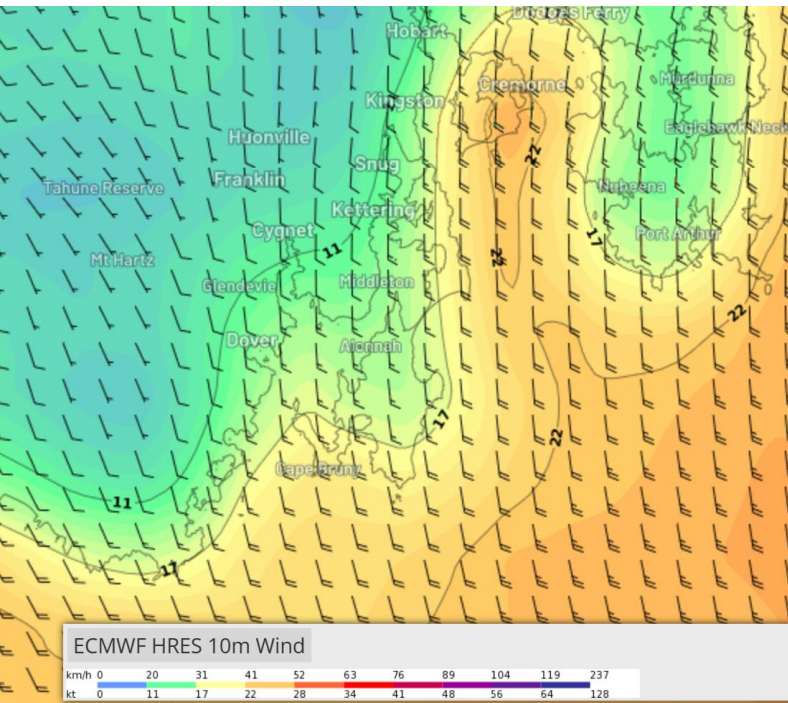


Southerly winds freshen more during the early morning behind the cold front to average 20 to 25kt and gusty, 30kt at times in Storm Bay. Winds becoming 15-25kt (ave) in the Derwent.

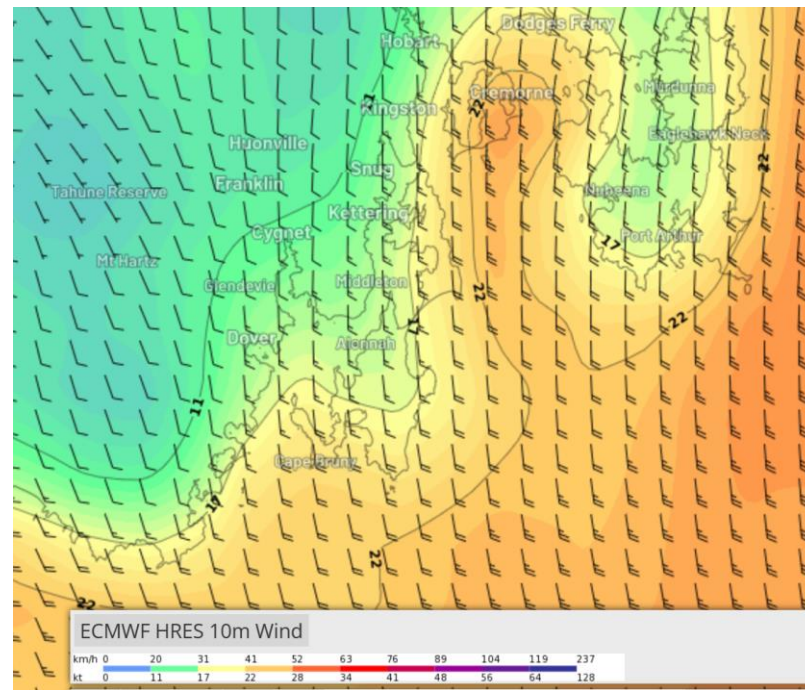
Showers will still have a marked effect on the surface wind flow over shorter time periods when in area.

Forecast Wind – ECMWF model

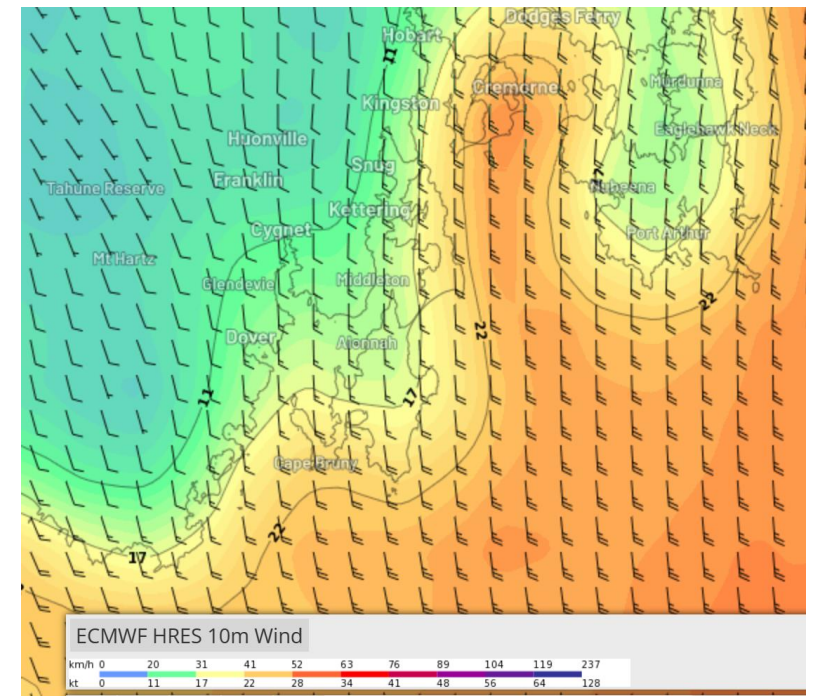
Sunday 26th 11am



Sunday 26th 2pm



Sunday 26th 5pm



Southerly winds averaging 20 to 30kt in Storm Bay, easing 15-25kt (ave) in the Derwent. Showers will persist.

The Bureau Forecast

- Derwent Estuary

Saturday 25 November

Winds	Southwesterly below 10 knots tending southerly 15 to 20 knots in the morning.
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Seas	Around 1 metre.
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Weather	Cloudy. 90% chance of showers.
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Sunday 26 November

Winds	Southerly 20 to 30 knots.
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Seas	1 to 1.5 metres, increasing to 1.5 to 2.5 metres during the morning.
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Weather	Cloudy. 90% chance of showers.
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The Bureau Forecast

- Storm Bay/SE Coastal Waters

Saturday 25 November

Strong Wind Warning for Saturday for South East Coast

Winds	Northwest to northeasterly 15 to 20 knots tending southeast to southwesterly 15 to 25 knots early in the morning then becoming southeasterly 20 to 30 knots in the late evening.
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Seas	1 to 1.5 metres, increasing to 1 to 2 metres during the afternoon.
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Swell	Southwesterly 1.5 to 2 metres, increasing to 2 to 3 metres during the afternoon.
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Weather	Cloudy. 80% chance of showers.
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Sunday 26 November

Winds	Southeasterly 20 to 30 knots turning southerly during the morning then decreasing to 15 to 25 knots in the late evening.
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Seas	1.5 to 2.5 metres.
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1st Swell	Southwesterly 3 metres, tending southerly 3 to 4 metres during the morning.
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2nd Swell	Northeasterly around 1 metre, increasing to 1 to 1.5 metres during the evening.
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Weather	Cloudy. 70% chance of showers.
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Hobart Tides

SAT 25 NOV

LOW	12:08 am 0.67 m
HIGH	6:51 am 1.40 m
LOW	2:02 pm 0.45 m
HIGH	8:08 pm 1.03 m

SUN 26 NOV

LOW	12:37 am 0.79 m
HIGH	7:30 am 1.46 m
LOW	3:06 pm 0.35 m
HIGH	9:34 pm 1.02 m

Please note: The predictions are in daylight saving time when it is observed.

Last Bit

- Always keep abreast of the weather via radio sources including skeds, the internet (plenty of weather sites including the Bureau of Met) and the Eye Ball Mk1 method.
- Remember in forecasts and warnings that the average wind speed and the Significant Wave Height (Hsig) is forecast.
- Be aware that over short-time scales, wind gusts can be up to 40% more (in heavy showers up to 80% more and in thunderstorms it can be up to 150% more) than the average. Wave heights can be higher, up to twice the Hsig and lower than the Hsig.
- Sea state can be “ugly” in situations where wind wave opposes tidal and ocean currents.
- This is shaping up as a very testy race. Have a great, but a very safe race.