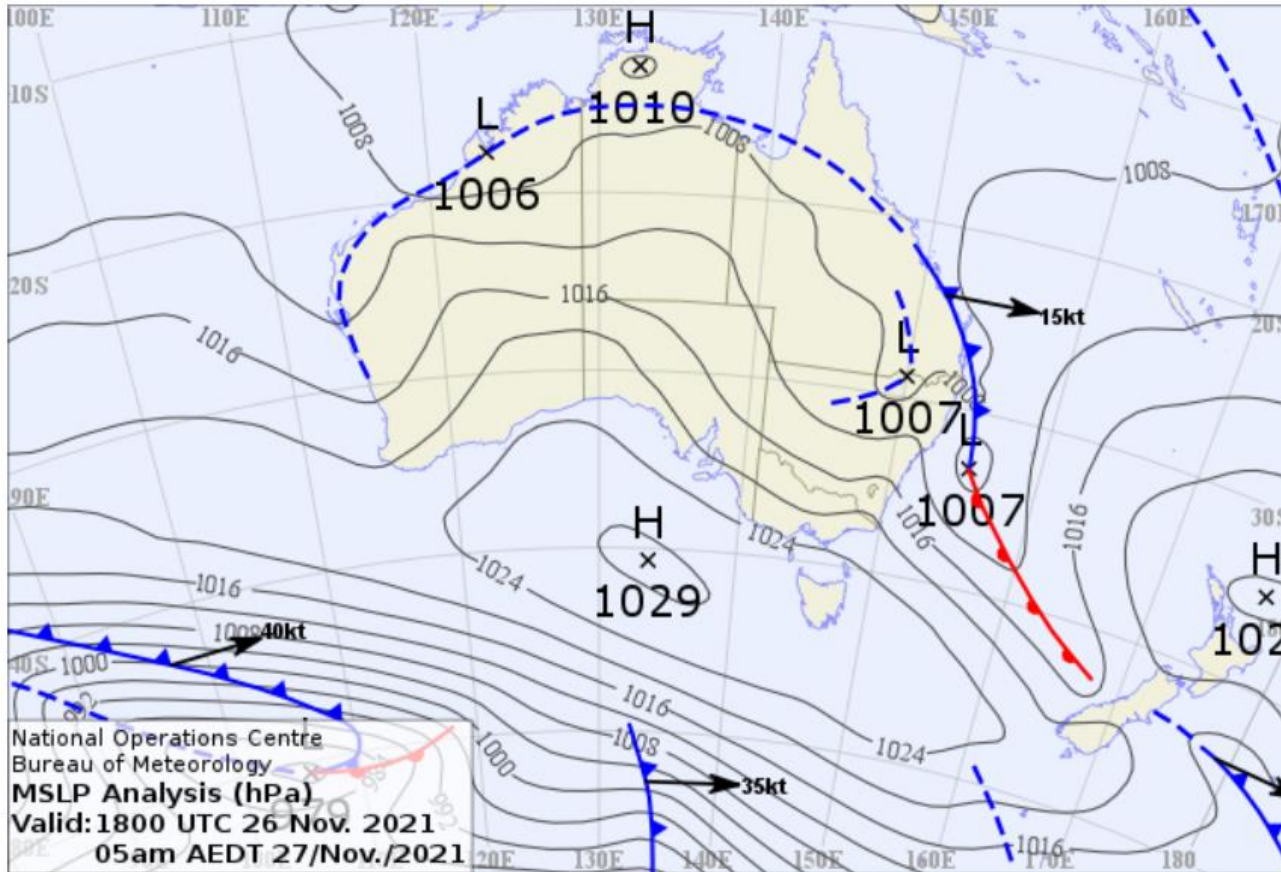




Updated Weather Briefing

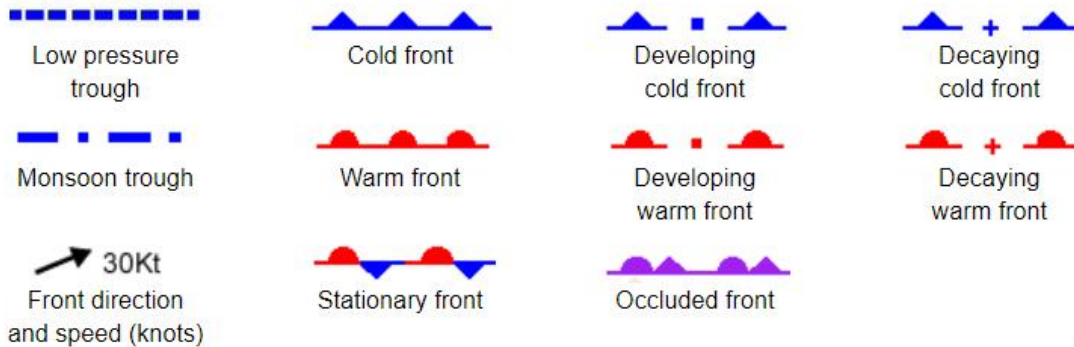
Kenn Batt

Analysis for 18:00 UTC on Friday 26 November 2021



National Operations Centre
Bureau of Meteorology
MSLP Analysis (hPa)
Valid: 1800 UTC 26 Nov. 2021
05am AEDT 27/Nov./2021

Features:



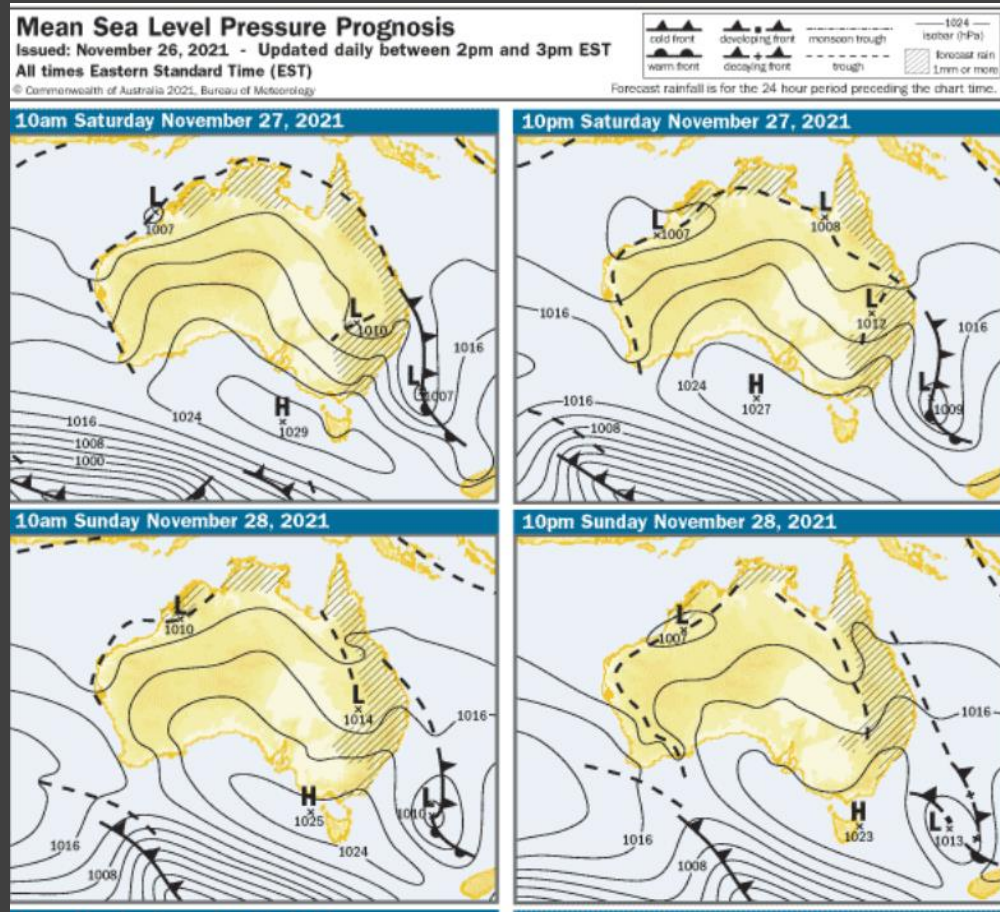
Latest Surface Analysis

A high pressure system is centred to the west of the State and moving eastward. This system is extending a ridge of high pressure over Tasmania.

A cut off low pressure system is located over NSW waters and is moving eastward.

A couple of weak low pressure troughs are located well to the south of the State.

Saturday 27th Nov 10am/10pm



Sunday 28th Nov 10am/10pm

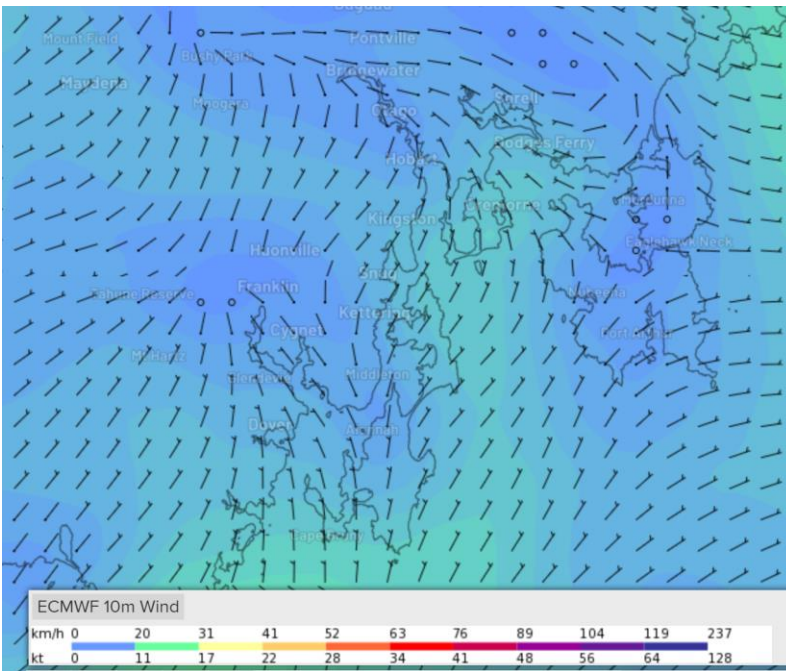
2 Day Isobaric Forecast Charts – ACCESS G3 model

A ridge of high pressure is expected to dominate the State over the weekend.

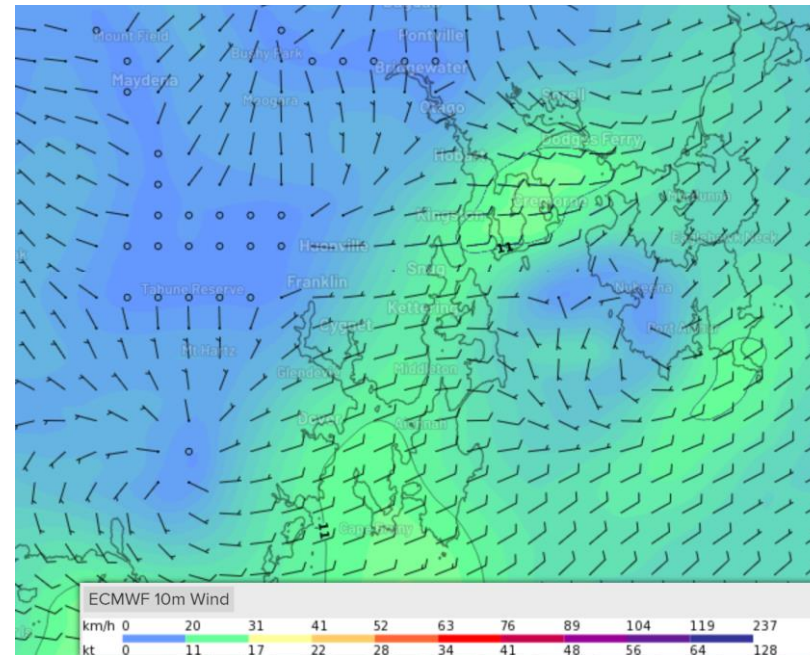
Apart from the result of a change over of high pressure cells (bit like the passage of a trough) during Sunday. This race is expected to be dominated by local winds (sea/land breezes) and effects.

There is still good overall computer model consensus or what we call model convergence. I do have a preference for the ECMWF model though the ACCESS model isn't very far behind.

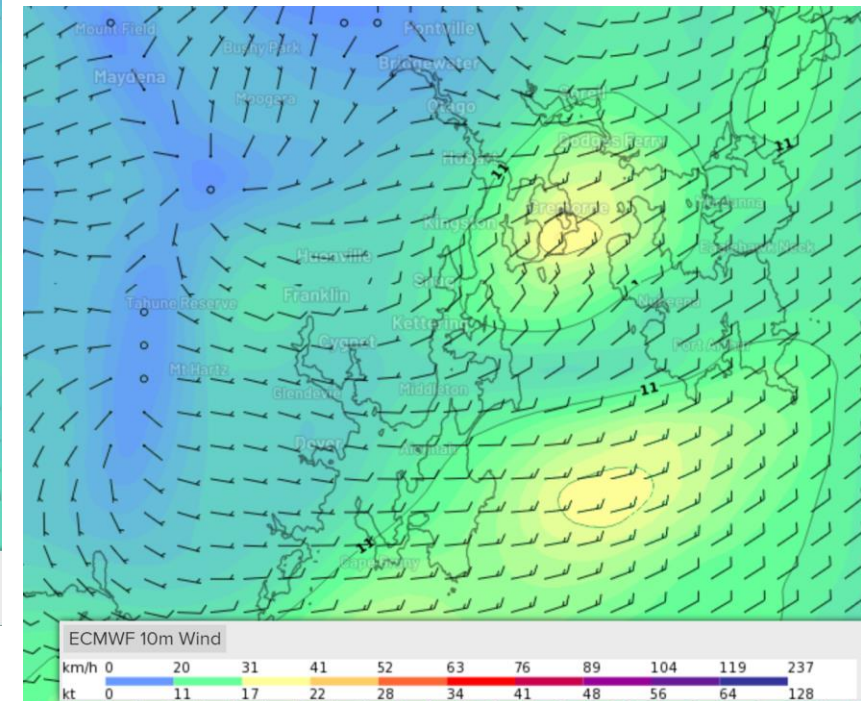
Forecast Wind – ECMWF model via Weatherzone



Saturday 27th 8am



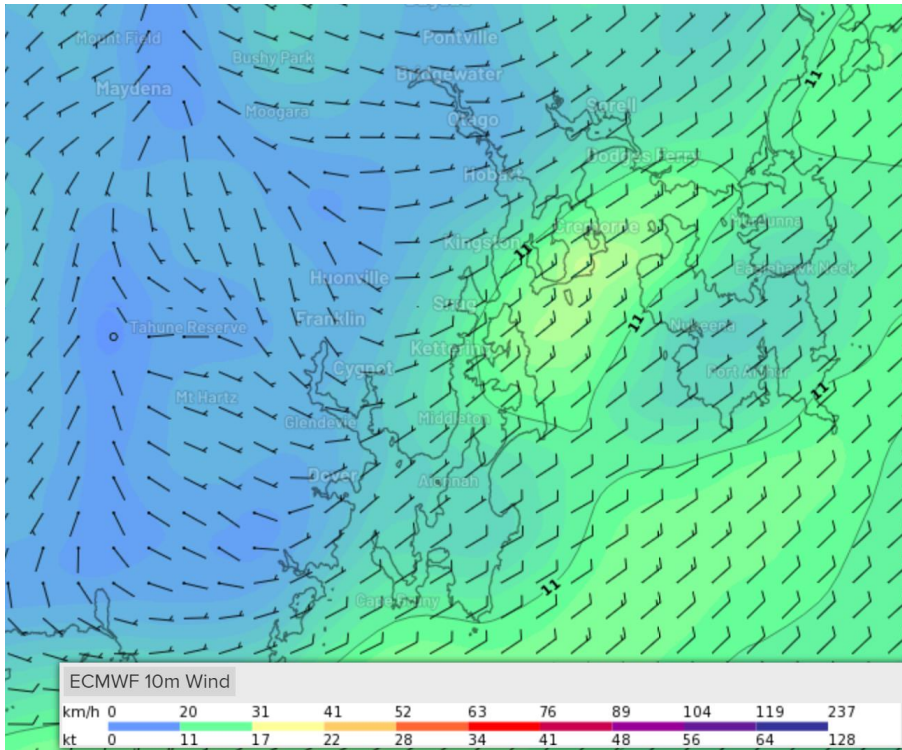
Saturday 27th 2pm



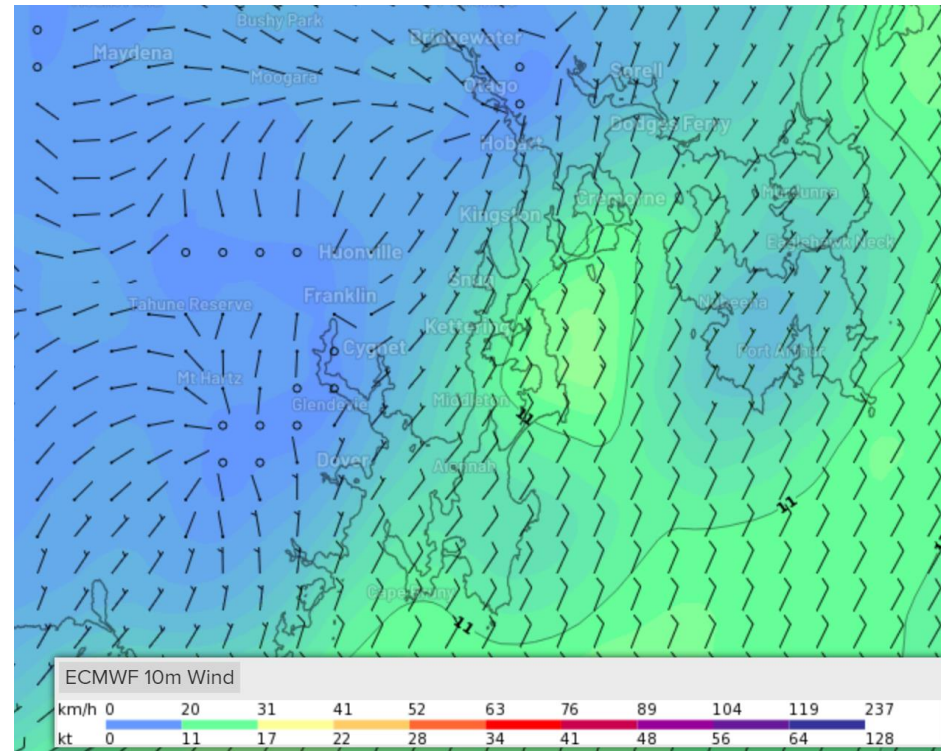
Saturday 27th 5pm

Light, chiefly NW-NE in direction, becoming a light E-SE'ly sea breeze during the morning/early afternoon. Winds tending E-NE'ly from mid-late afternoon and freshening to 7-12kt (ave). Looks like a battle between the E coast NE'ly sea breeze and the Derwent SE'ly sea breeze?? Could be interesting in a nice way!

Forecast Wind – ECMWF model via Weatherzone



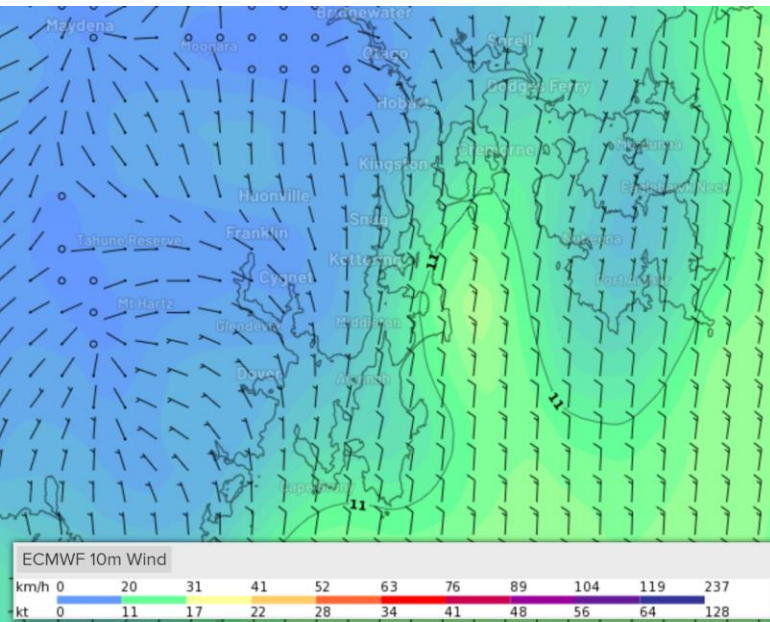
Saturday 27th 8pm



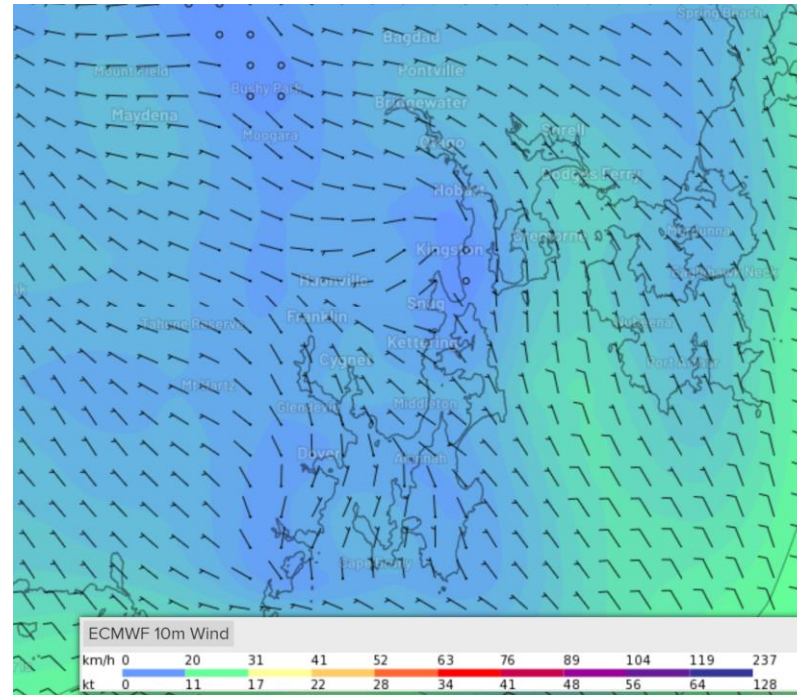
Saturday 27th 11pm

Direction is expected turn more NE'ly and then more N'ly as the speed eases into the late evening. There is good model consensus with the winds, especially speed. But may be 3kt over-cooked on speed??

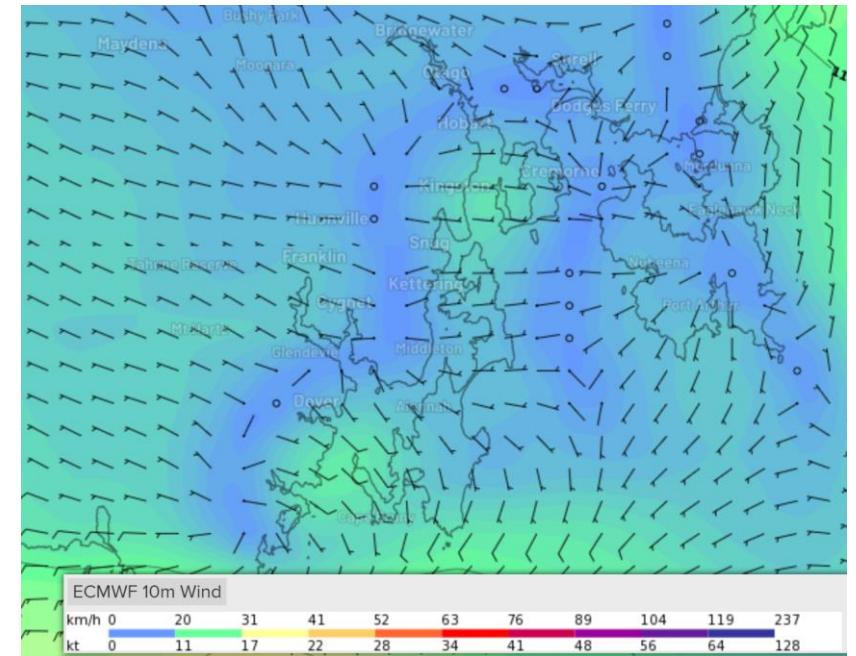
Forecast Wind – ECMWF model via Weatherzone



Sunday 28th 2am



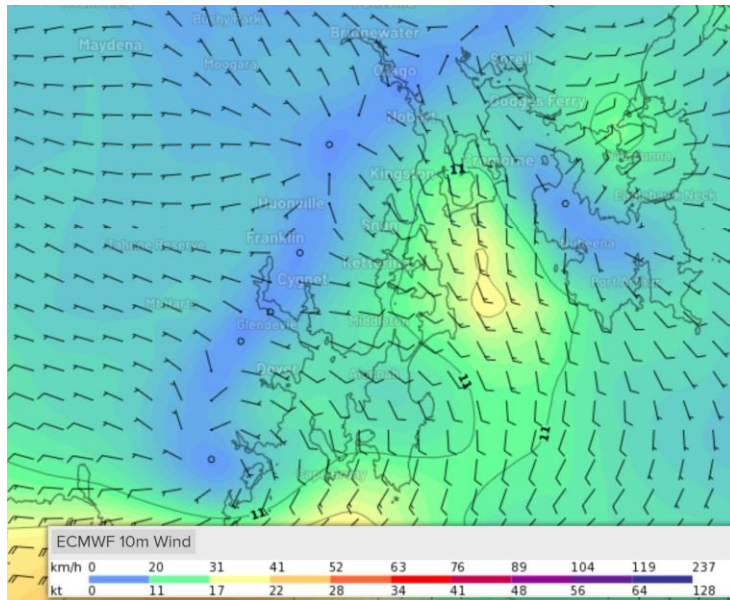
Sunday 28th 8am



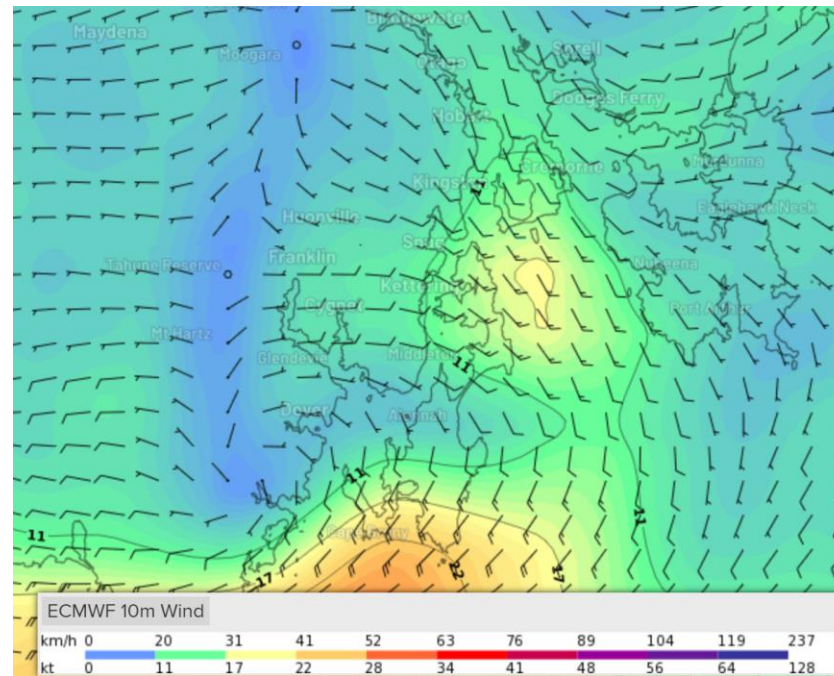
Sunday 28th 11am

NE/NW winds easing and becoming light and variable over the race course. Parking lots becoming readily available. Playing the waiting game!!

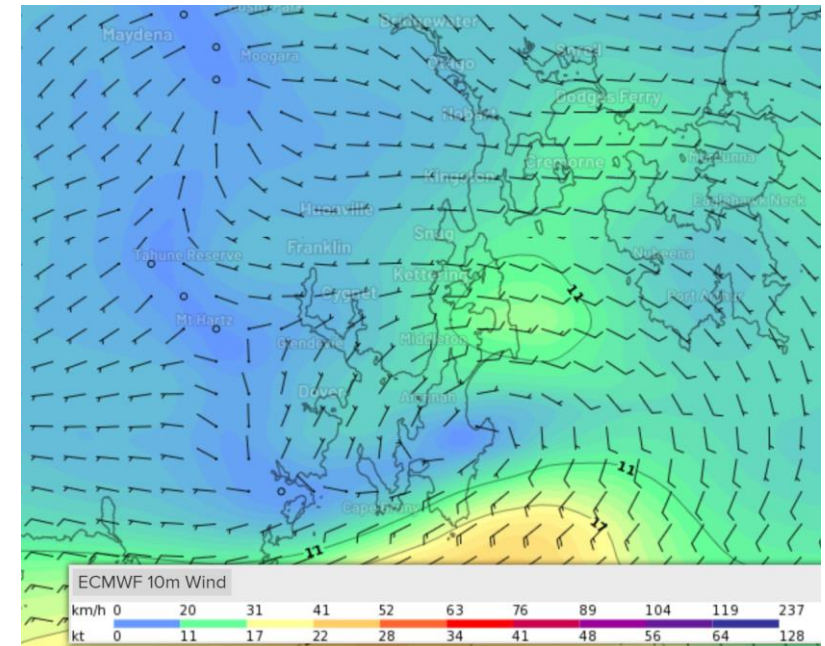
Forecast Wind – ECMWF model via Weatherzone



Sunday 28th 2pm



Sunday 28th 5pm



Sunday 28th 8pm

A change over of high pressure centres (like a trough moving through) will produce a light to moderate S-SE'ly from late morning/early afternoon. The wind should then freshen (sea breeze added) during the afternoon to around 8-14kt (ave), before turning more E-SE'ly and easing into the evening.

Hobart Tides

SAT 27 NOV

HIGH

3:58 am
1.12 m

LOW

8:36 am
0.99 m

HIGH

1:52 pm
1.23 m

LOW

9:29 pm
0.44 m

SUN 28 NOV

HIGH

4:24 am
1.15 m

LOW

9:31 am
0.93 m

HIGH

2:50 pm
1.19 m

LOW

10:04 pm
0.46 m

Last Bit

- Always keep abreast of the weather via radio sources including skeds, the internet (plenty of weather sites including the BoM) and the Eye Ball Mk1 method.
- Remember in forecasts and warnings that the average wind speed and the Significant Wave Height (H_{sig}) is forecast. Be aware that wind gusts can be up to 40% more (in thunderstorms it can be up to 150% more) than the average. Wave heights can be higher, up to twice the H_{sig} and lower than the H_{sig} . Wave heights can be horrific in situations where wind wave opposes tidal and ocean currents
- Have a great but safe race