



LAUNCESTON TO HOBART YACHT RACE 2021

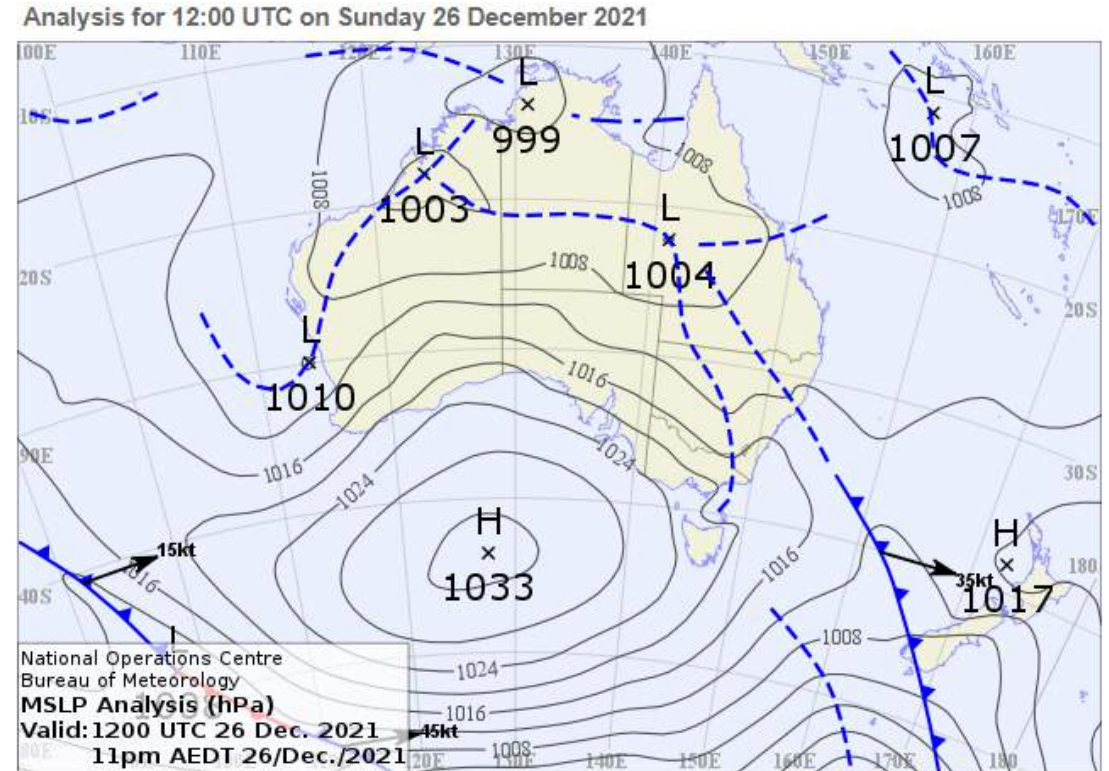
Weather Forecast

Issued by Kenn Batt at 0600hr 27/12/2021

Latest Surface Isobaric Chart

A high pressure system lies to west of the State
With a ridge pushing east over the State .

A trough of low pressure lies from Flinders Island northwards in
Victoria and New South Wales.



Features:



Low pressure
trough



Cold front



Developing
cold front



Decaying
cold front



Monsoon trough



Warm front



Developing
warm front



Decaying
warm front



30Kt
Front direction
and speed (knots)



Stationary front



Occluded front

Overview



- The wind modelling has changed much from the previous issue. This race will be mostly dominated by a ridge of high pressure lying over the State for much of the race period. A trough of low pressure is expected to move along the E Tassie coast on 29th
- A cold front is expected to push up the E Tassie coast on the 30th
- Local winds (sea breezes by day – weak land breezes overnight) and effects are expected to dominate over synoptic flow for much of this race.
- Unfortunately there will be plenty of parking lots during this race, especially during the early hours.
- Banks Strait could prove to be an issue due lighter winds versus tidal flows?

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Weather Forecast Precis

Mon. 27 Dec
 Sunny.
20 °C





N Tamar

Tue. 28 Dec	Wed. 29 Dec
 Mostly sunny.	 Sunny.
21 °C	25 °C
9 °C	11 °C

St Helens

Tue. 28 Dec	Wed. 29 Dec	Thu. 30 Dec
 Partly cloudy.	 Partly cloudy.	 Partly cloudy.
19 °C	19 °C	21 °C
11 °C	12 °C	13 °C

Maria Island

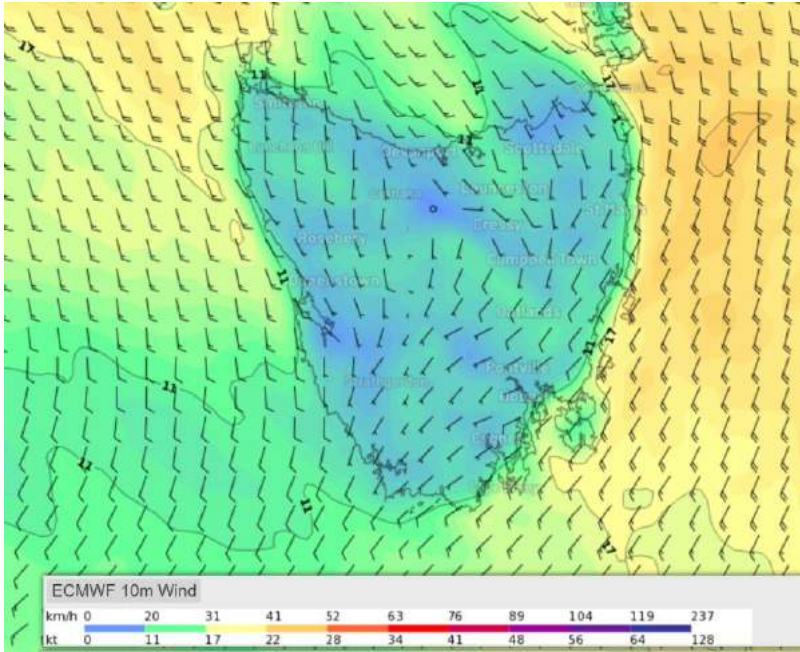
Wed. 29 Dec	Thu. 30 Dec	Fri. 31 Dec	Sat. 1 Jan
 Partly cloudy.	 Partly cloudy.	 Partly cloudy.	 Mostly sunny.
23 °C	25 °C	27 °C	31 °C
10 °C	12 °C	14 °C	15 °C

Hobart

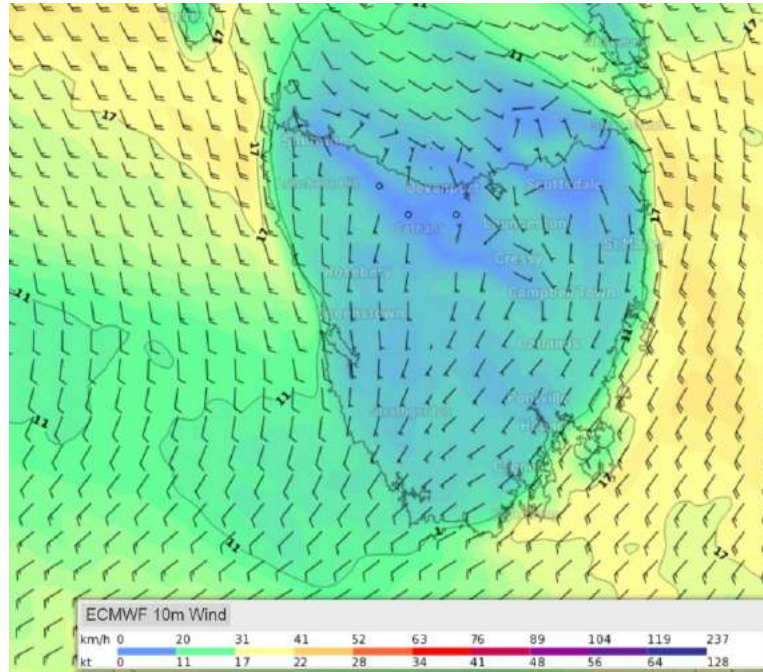
Forecast Winds

- ECMWF Forecast winds below are courtesy of Weatherzone (subscription service)
- [Weatherzone Layers](#)
- My current model of choice is still the ECMWF model.
- Update weather forecasts and warnings regularly via the internet and radio sources.

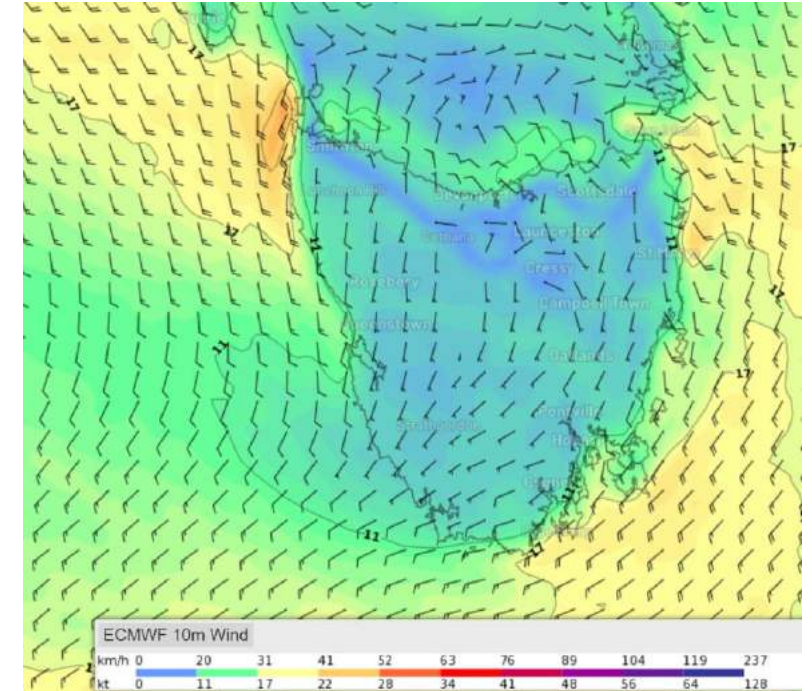
27th December



8am



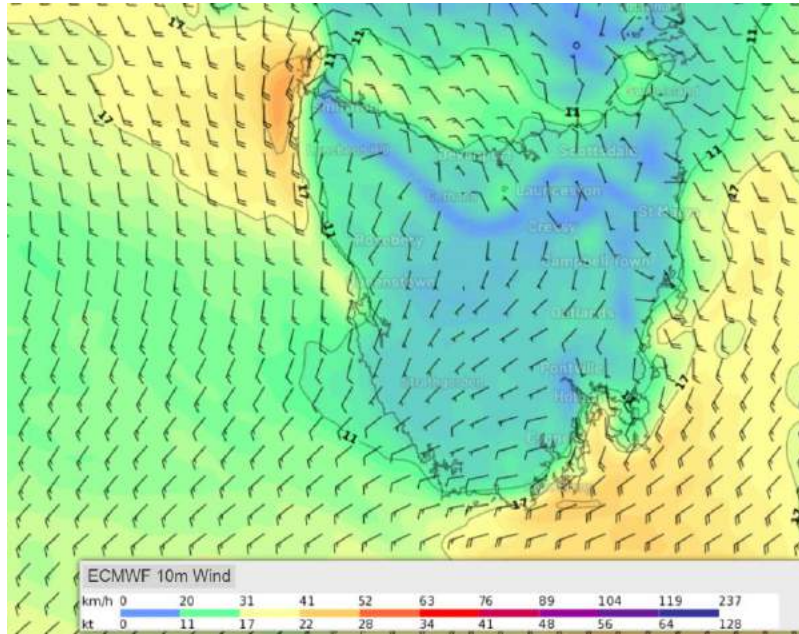
11am



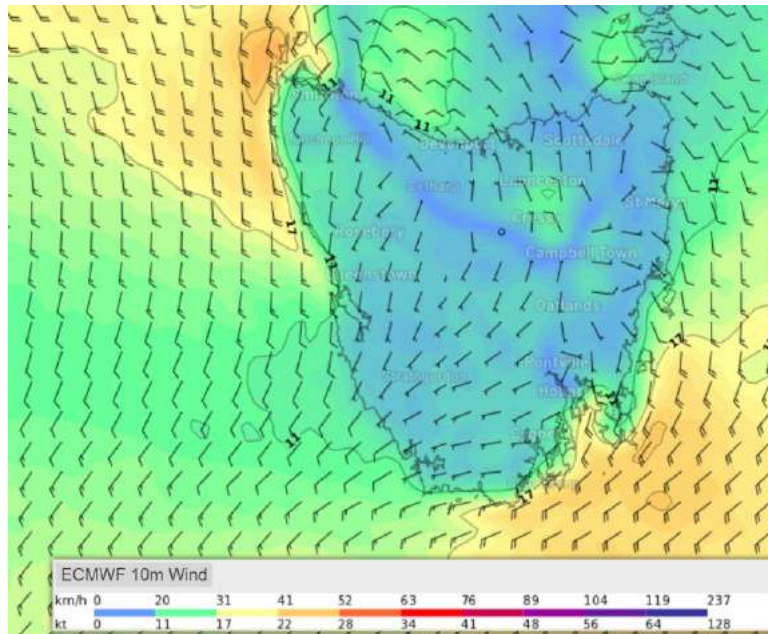
2pm

Light to moderate S-SE winds at first becoming light and variable before turning light to moderate NE-NW during the early-mid afternoon.

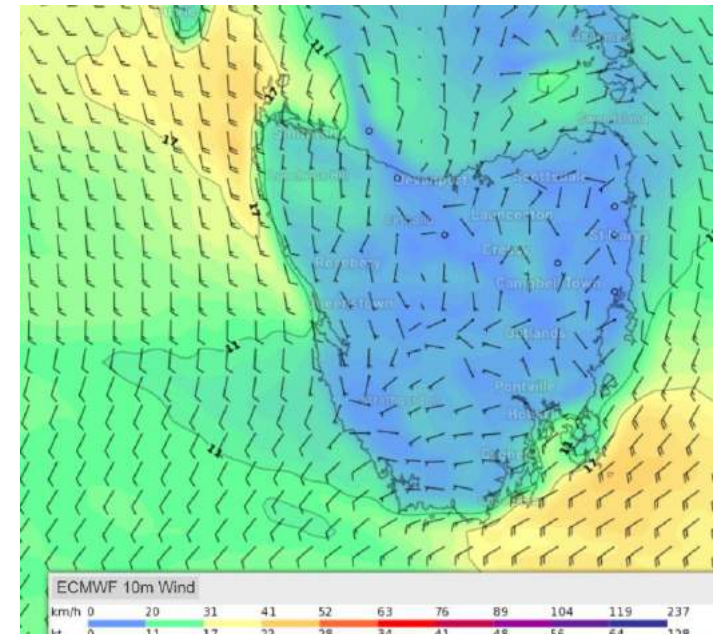
27th December



5pm



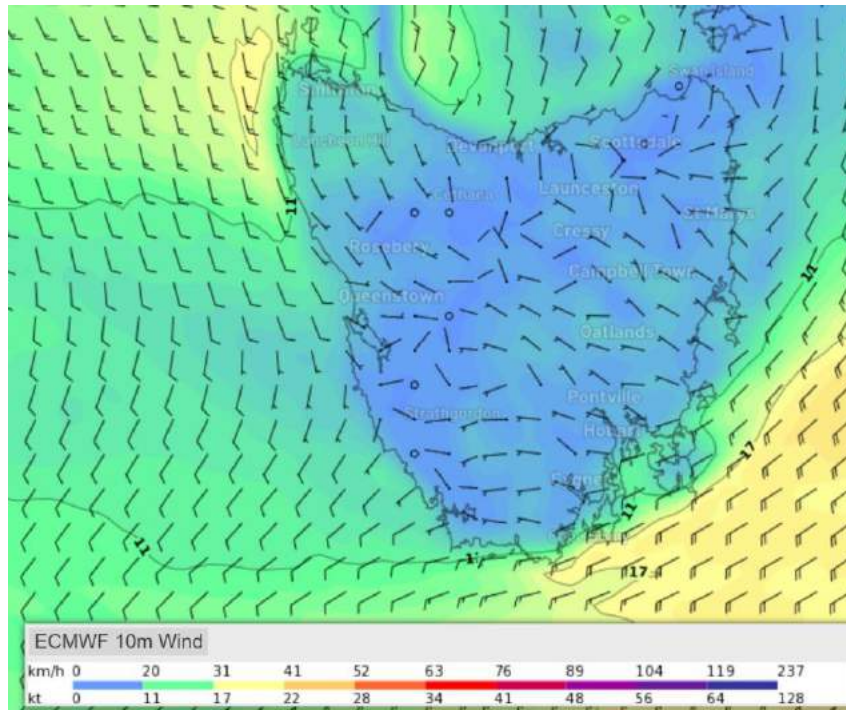
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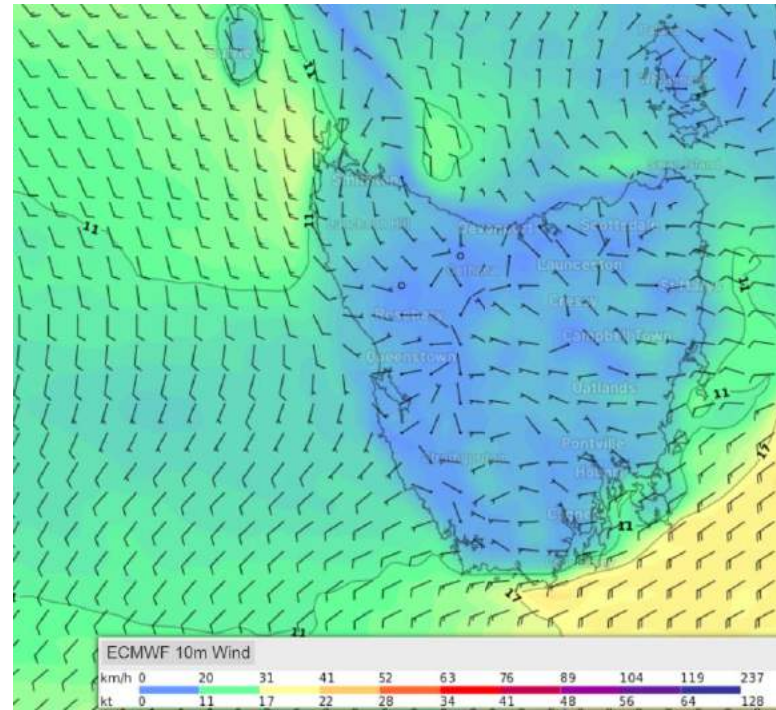
11pm

Light to moderate NE/NW winds becoming NE-SE closer to and in Banks Strait.

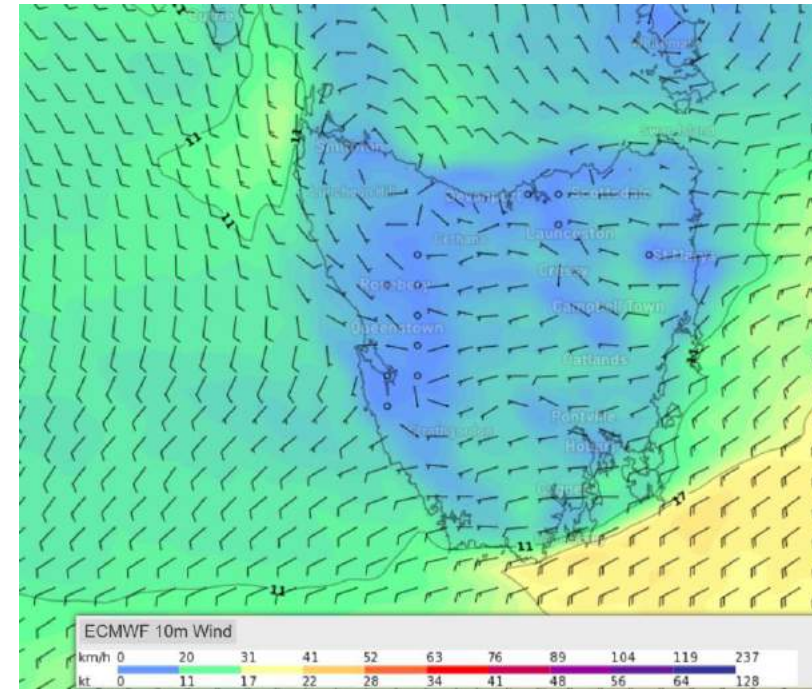
28th December



2am



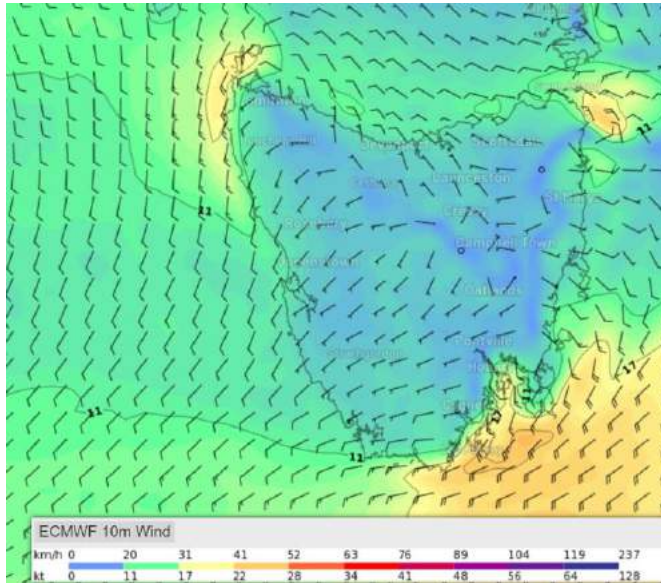
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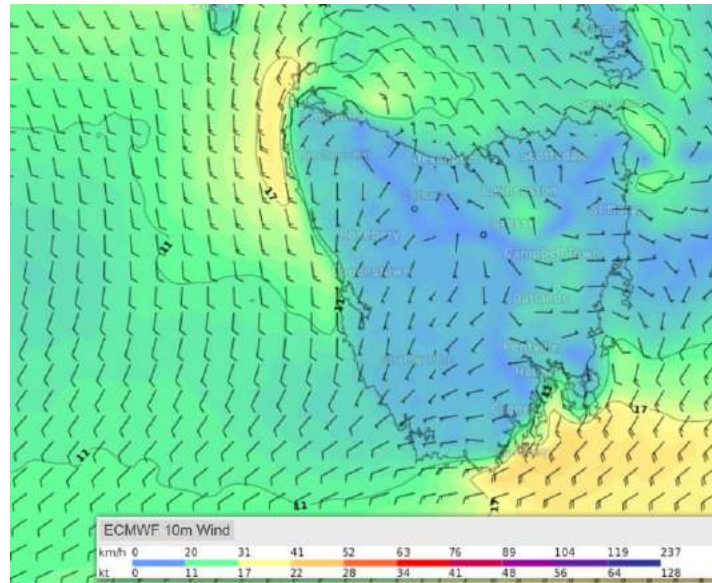
8am

Light and variable winds overnight/early morning becoming mostly light W-NW over NE Tasmania

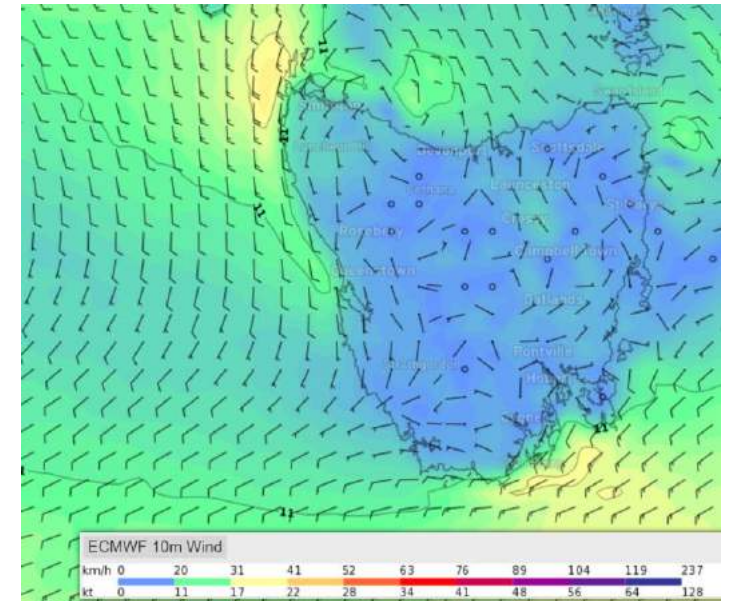
28th December



2pm



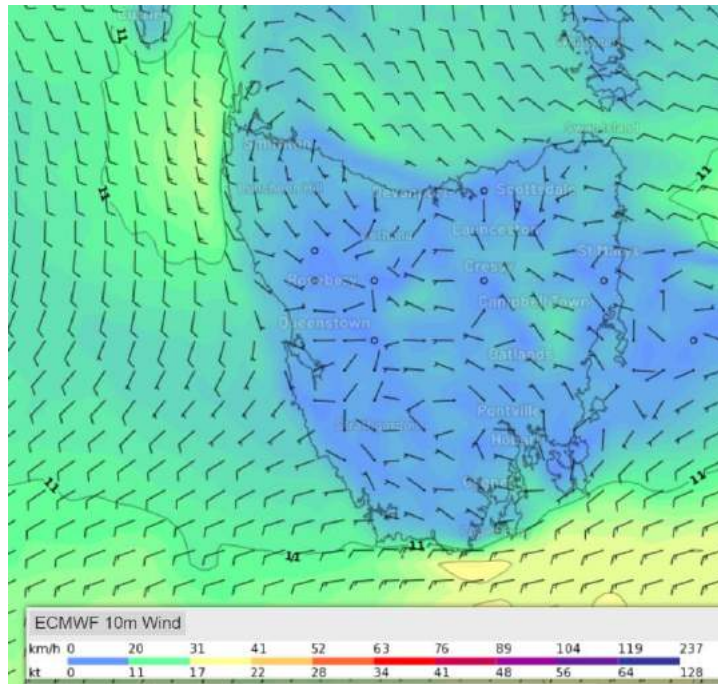
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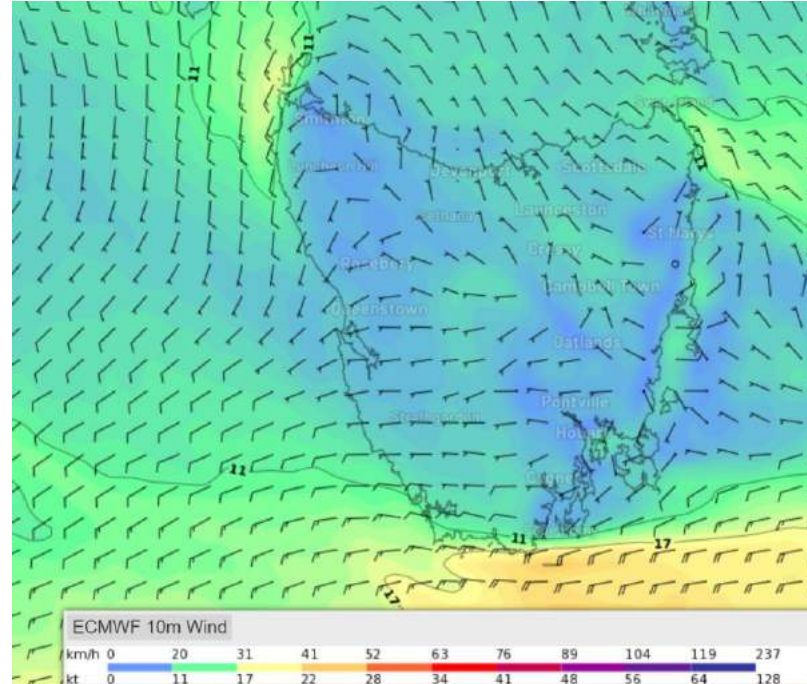
11pm

Light to moderate W-NW winds over NE Tasmania tending more SE-NE over central parts and S-SW in the south

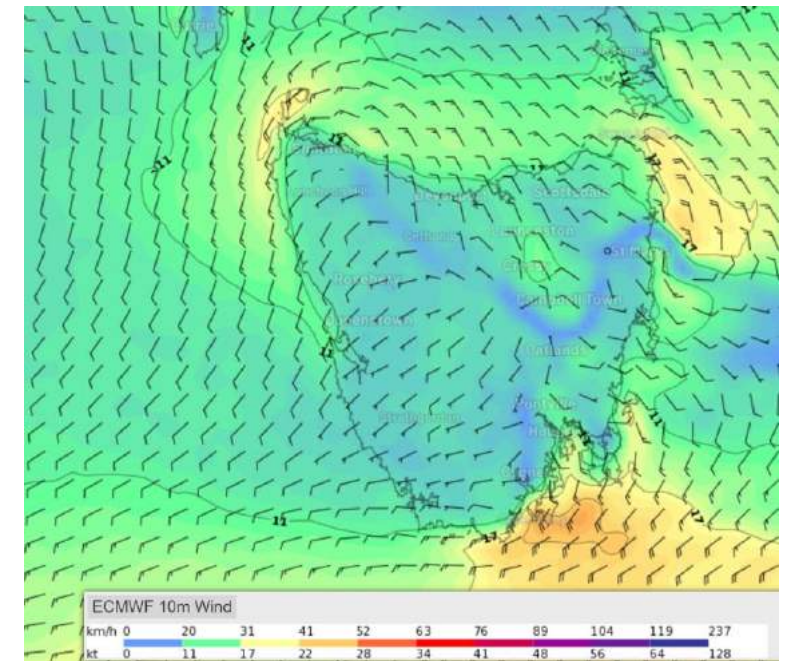
29th December



5am



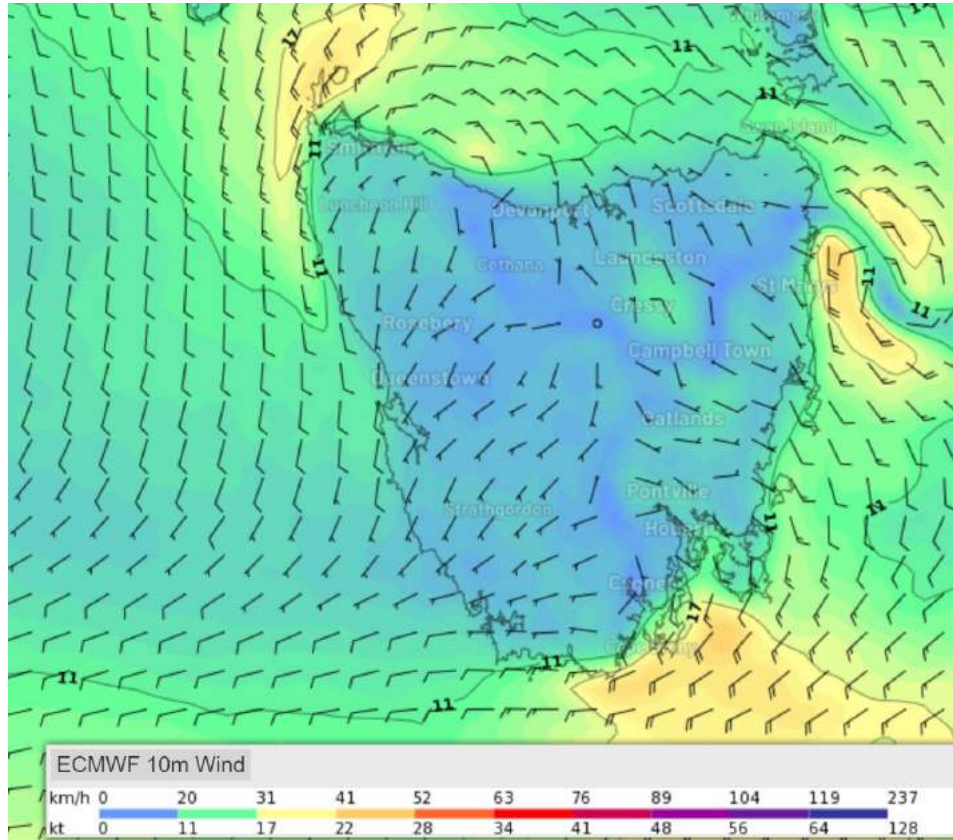
11am



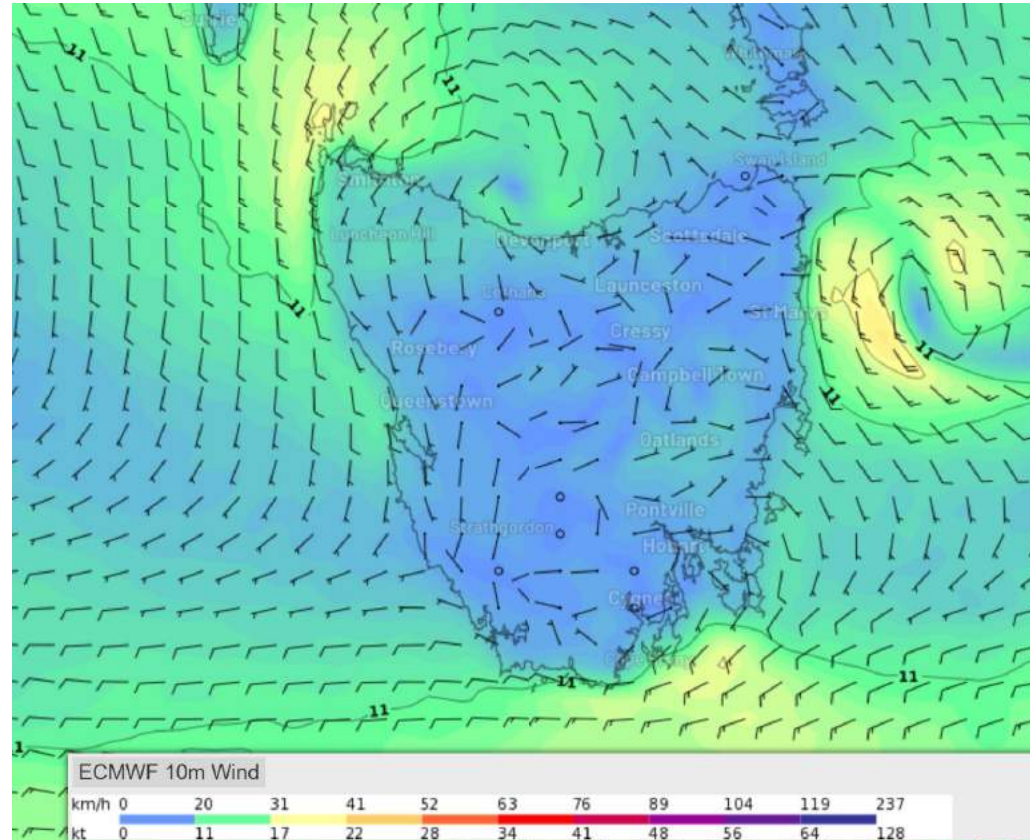
5pm

Light and variable winds early tending light to moderate NW-NE in the north and SW-SE over southern parts. Moderate to fresh S-SE winds developing in Storm Bay and the Derwent late afternoon.

29th December



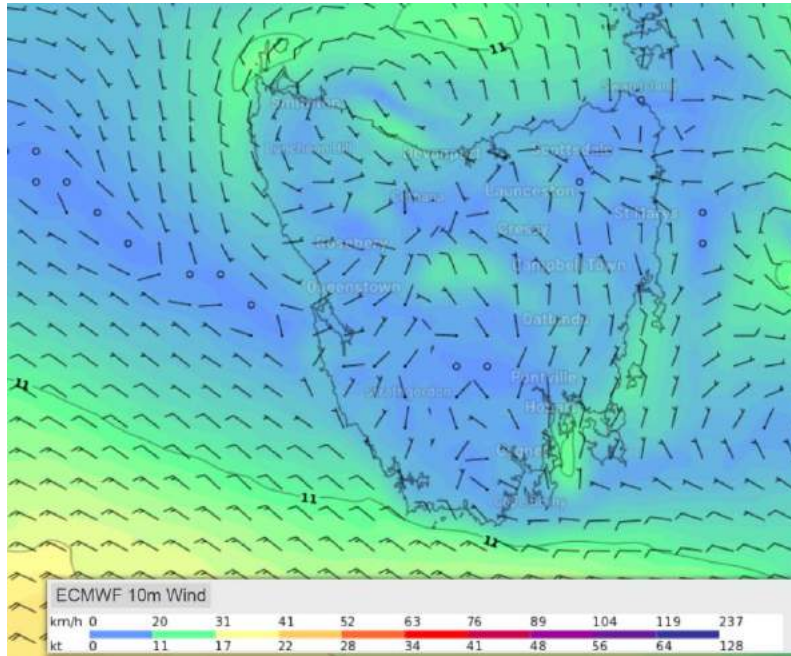
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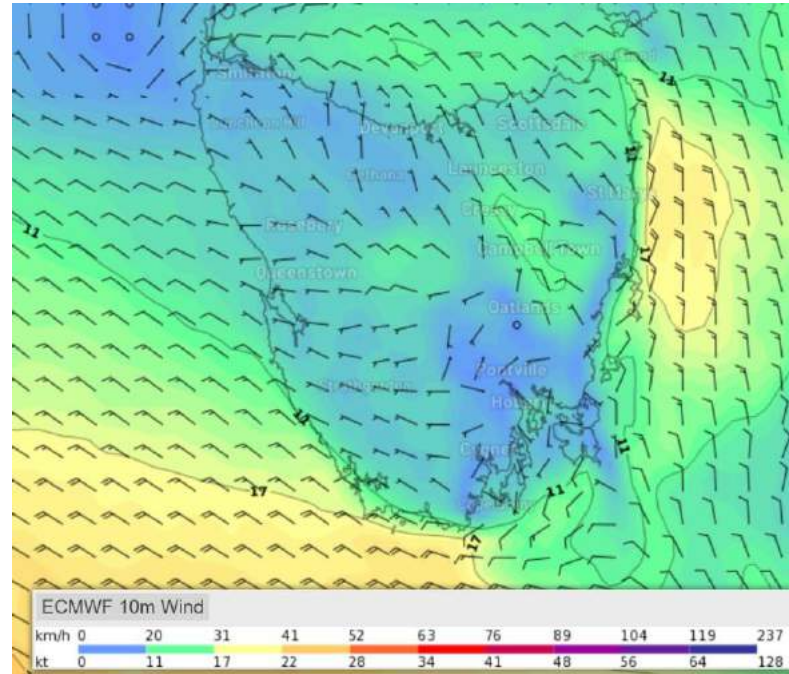
11pm

Moderate to fresh S-SE winds easing late evening

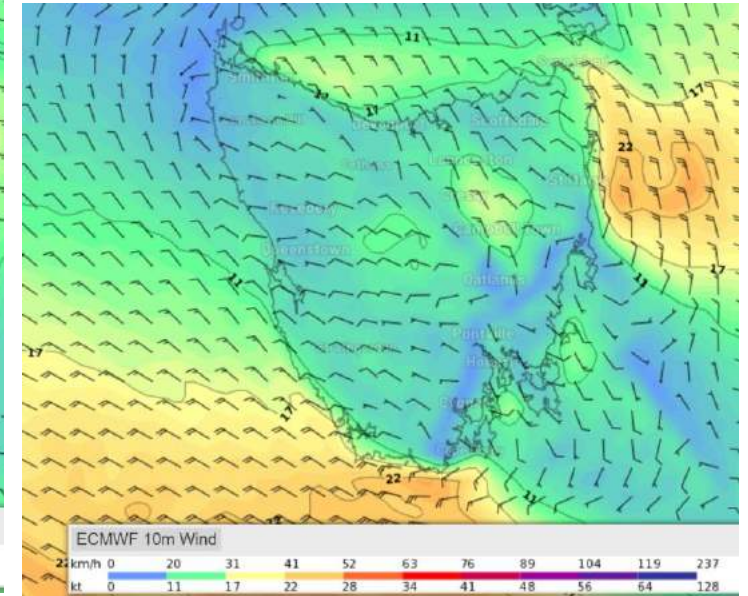
30th December



5am



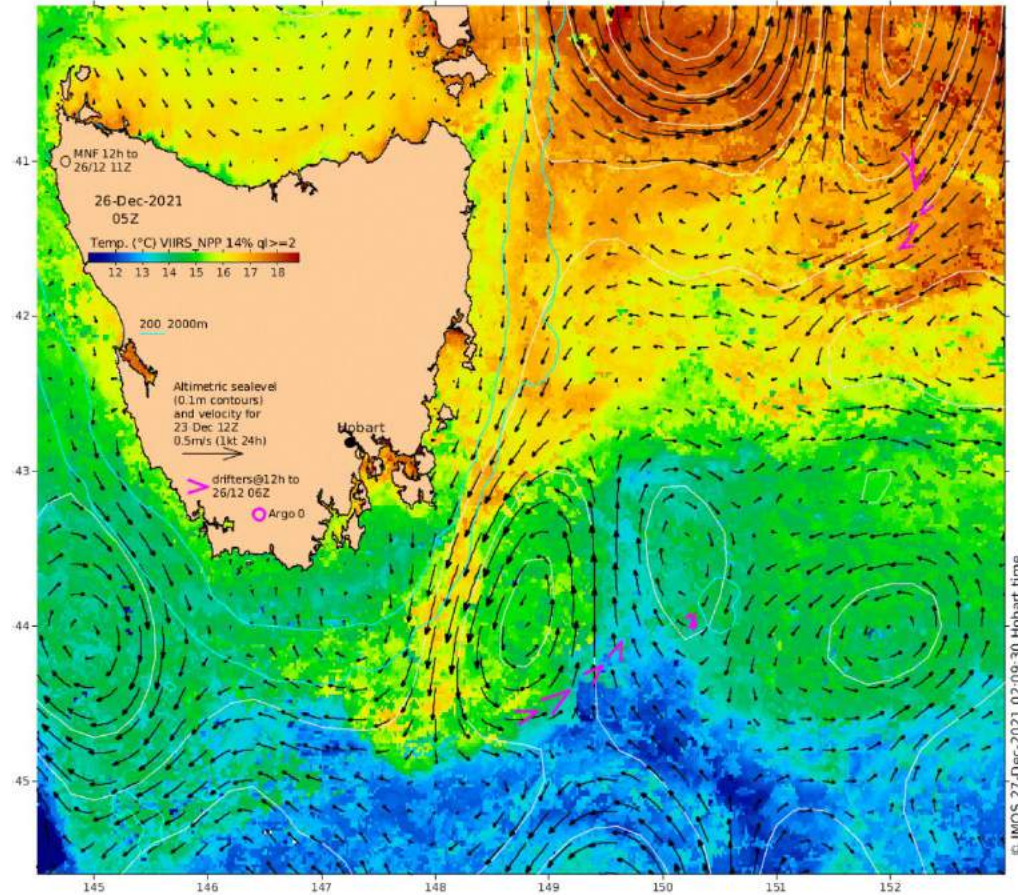
11am



5pm

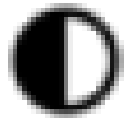
S-SE winds easing overnight and tending N'ly during the morning and freshening ahead of another front. Winds turning light To moderate S-SE behind the front.

Latest CSIRO SSTs and Ocean Currents



The East Australia Current (EAC) is having an effect along the east coast of Tassie. A southward moving current is being indicated along the coast for the race period. **Note:** the situation where ocean current (like tidal currents) oppose Wind and/or swell waves can create a very nasty overall Sea state.

[SST IMOS-OceanCurrent](#)



MON 27 DEC

HIGH

5:57 am
3.30 m

LOW

12:18 pm
1.00 m

HIGH

6:05 pm
3.12 m

Tide at Low Head

 MON 27 DEC

HIGH	4:49 am 1.33 m
LOW	10:51 am 0.41 m
HIGH	4:54 pm 1.34 m
LOW	11:14 pm 0.26 m

TUE 28 DEC

HIGH	5:35 am 1.37 m
LOW	11:47 am 0.33 m
HIGH	5:54 pm 1.32 m

WED 29 DEC

LOW	12:03 am 0.30 m
HIGH	6:20 am 1.42 m
LOW	12:41 pm 0.26 m
HIGH	6:52 pm 1.31 m

Tides at
Swan
Island

WED 29 DEC

THU 30 DEC

FRI 31 DEC

SAT 1 JAN

HIGH	4:38 am 1.34 m	HIGH	5:13 am 1.42 m	HIGH	5:55 am 1.51 m	HIGH	6:42 am 1.59 m
LOW	11:32 am 0.62 m	LOW	12:32 pm 0.48 m	LOW	1:32 pm 0.34 m	LOW	2:32 pm 0.22 m
HIGH	5:09 pm 1.00 m	HIGH	6:34 pm 0.98 m	HIGH	7:58 pm 1.00 m	HIGH	9:12 pm 1.02 m
LOW	10:30 pm	LOW	11:06 pm	LOW	11:45 pm		

Tides in Hobart

Last Bit

- Always keep abreast of the weather via radio sources including radio 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