

29ers Worlds Barcelona

11AM start Sunday 31 July 2022

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Gradient wind at 2PM: 220 degrees true, 08 knots

Weather Forecast

The weather for Sunday's practice session should be fine and generally sunny. The maximum temperature on the shore should be around 28°C and several degrees warmer inland.

There should again be a dominant Mistral wind out of the Gulf of Lyon. Current information has the axis of the clockwise eddy quite close to the sailing course but marginally to the east. This leads to a gradient winds that are expected to be moderate and close to the direction of the sea breeze when mature, which means it will not assist the sea breeze development.

The sea breeze should be slower to develop and become firmest close to the coast for most of the afternoon. firmest close to the coast. Once fully developed there should be a slight pressure advantage for the western-most course.

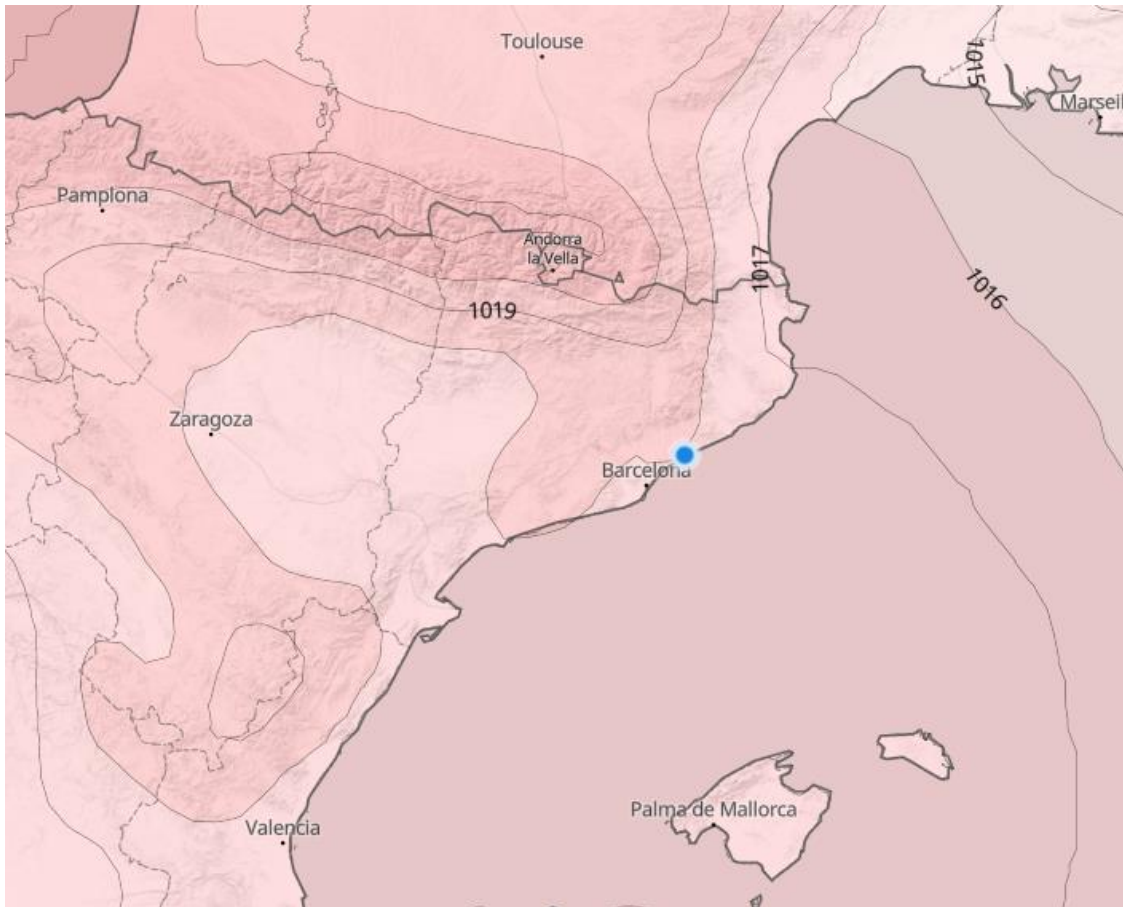
The sea breeze should peak between 3-4PM then slowly weaken.

There should be no geographical advantage while the winds are from the south but once they tend SSW you could pick up a slight enhancement of the sea breeze near the SSW sides of the small headlands along the coast.

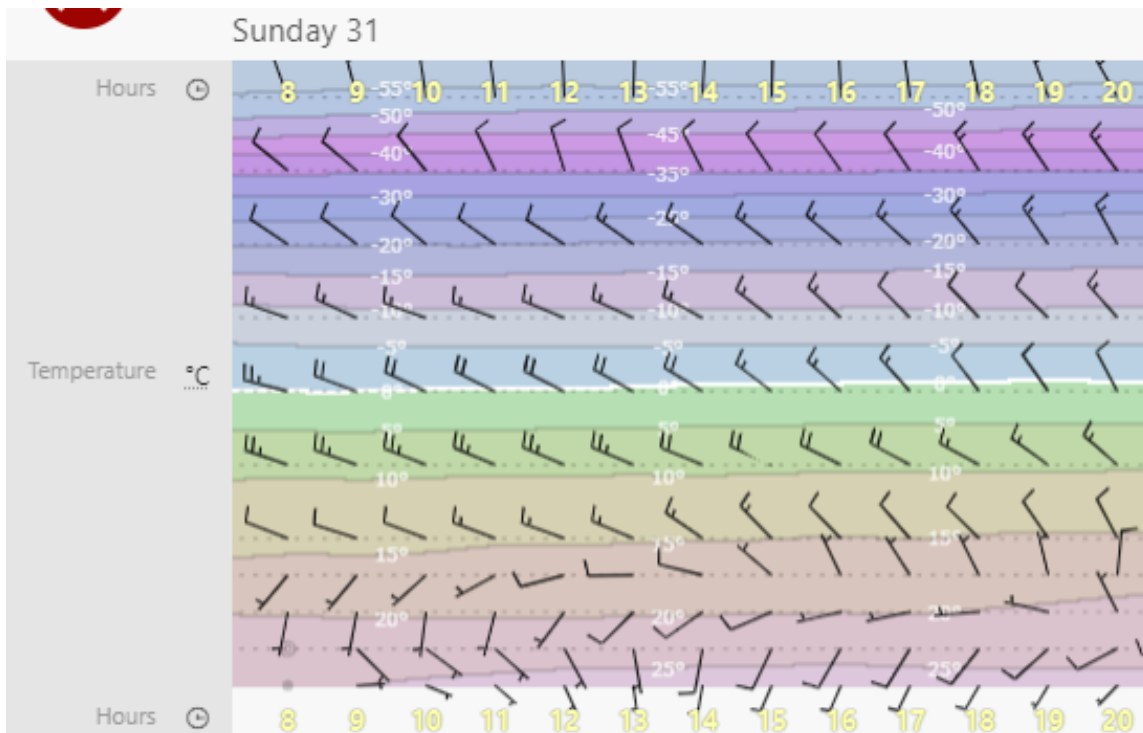
The forecast wind speeds and directions are shown in the table below:

Time	Direction (True)	Wind Speed (knots)	Wind Gusts	Comments
11AM	150-220	02-05 slowly firming	+2	Shifty winds. Sea breeze starting to form.
Midday	160-205	03-07 slowly firming	+2	Slow sea breeze development.
1 PM	180-210	05-08	+2	Slow sea breeze development, best near the coast.
2 PM	190-215	06-10	+2	Steady sea breeze, best near the coast.
3 PM	200-220	08-12	+3	Steady sea breeze, best to west and coast
4 PM	200-220	08-12	+3	Steady sea breeze, best to west and coast
5 PM	205-225	06-10 easing	+2	Sea breeze easing, best to west.

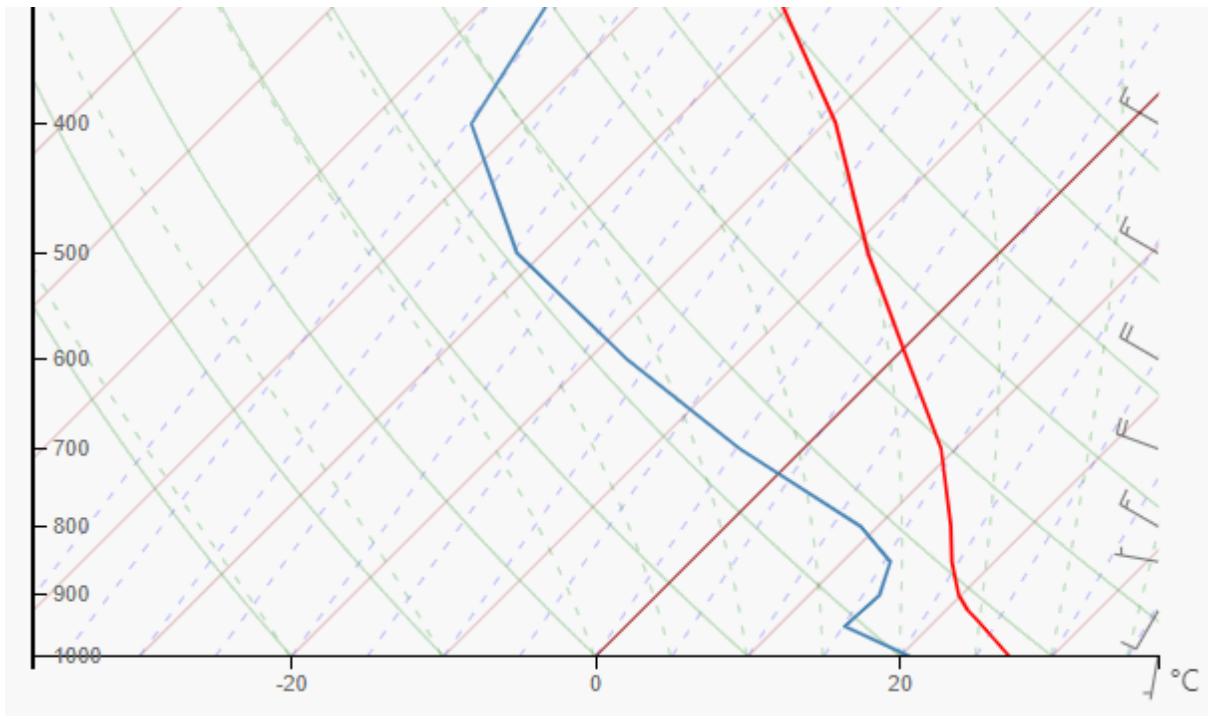
Supplementary Information



Mean sea level pressure chart forecast for 2PM Sunday (MeteoBlue)



Upper-Level time series wind predictions for Sunday (ECMWF model)



Upper-level temperature & humidity prediction for Mataro for 2PM Sunday from the ECMWF model