

# DISCOVERY I Lagoon 52F

## WEATHER, WINDS & TIDES

South-Central Dalmatia in summer is a sailing paradise mainly because of the weather. This part of Adriatic enjoys calm and sunny weather most of the time. We've included the characteristics of each wind present in this region.

**MISTRAL**- stable wind from NW, forms during anticyclone so it's accompanied with good weather, perfect for sailing because it's strengths varies between 5-15 knots. Beware of the Venturi effect in channels between Hvar and Brač Islands, as well as Korčula island and Pelješac peninsula where Mistral picks up and can easily blow over 25kts. This wind gradually stops in the evening.

**JUGO**- Stable wind from SE formed by a cyclone, usually brings rain and clouds and low pressure. It's not common during the summer but becomes more frequent in autumn. Although predictable, be aware as it can bring huge waves over 5 m in height.

**BURA** Erratic wind from NE, the most dangerous wind in Croatia. In winter it's known to paralyze road and sea traffic, and can blow over 250kmh, but like jugo, is not that common or strong during summer. Beware however, as Bura can form both during nice and bad weather, and can be really sudden. It's not uncommon to see a change from calm sea to 40kts of Bura in only a few minutes.

**Tramontana** is tricky in the north of Croatia, but in Dalmatia it transforms to a wind very similar to Mistral, maybe a little stronger.

**Pulenat** - Coming from W, also similar to maestral.

**STORMS**- During big heats, it's not uncommon to see small storms forming from bigger Cumulonimbus clouds during the day, but they usually de-escalate really quickly. Be aware of storms coming from the open sea or a weather front, they almost always come from W or NW and can be really strong and unpleasant.

**TIDES & CURRENTS** - Almost insignificant in Croatian waters.



TIME PASSED	BOAT SPEED IN KTS				
	3	3.5	4	6	9
30m	3	3.5	4	6	9
1h	6	7	8	12	18
1:30h	9	10.5	12	18	27
2h	12	14	16	24	36
2:30h	15	17.5	20	30	45
3h	18	21	24	36	54
3:30h	21	24.5	28	42	63
4h	24	28	32	48	72
4:30h	27	31.5	36	54	81
5h	30	35	40	60	90

DISTANCE COVERED in NM

