

Young European Sailing 2010



Date: Saturday, 22/05/10
Issue: 22/05/06
Race area: Courses **Hotel, Golf, Rio, Echo**
Meteorologist Rüdiger Brandt

Synopsis from today 06 UT (08:00 LT) and development:

- today there is a weak pressure gradient over the race area
- high is located over England
- ridge 1 extends towards S-Norway
- ridge 2 extends southeastward towards southern germany
- today the high is stationary
- courses are located at the eastern edge of the high
- weak disturbance / convergence extends from S-Sweden southward
- the disturbance causes some weak instability

Observations 08:00 LT):

Kiel - Holtenau:	Kiel Lighthouse	
270° 6 kts	300° 11 kts	

Today 22/05/2010

WIND

- there is a weak N-NNW-ly gradient
- during the day a land-sea-breeze tries to develop
- therefore wind tends to turn right
- wind pattern tends to become unsteady
- especially on Course HOTEL unsteady conditions very likely
- Cumulus clouds cause fluctuation in TWD

Average wind field in detail: times are local time, wind direction is true=magnetic_

Szenario 1: 65% probability

13:00 LT: 340 – 360 / 6 – 8 kts
14:00 LT: 350 – 010 / 6 – 8 kts
15:00 LT: 350 – 020 / 7 – 9 kts
16:00 LT: 350 – 020 / 7 – 9 kts
17:00 LT: 350 – 020 / 6 – 8 kts
18:00 LT: 350 – 020 / 5 – 7 kts

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Szenario 2: 35% a sea breeze developes

13:00 LT: VAR / 1 – 3 kts
14:00 LT: 020-040 / 3 – 5 kts
15:00 LT: 030 – 050 / 5 – 7 kts
16:00 LT: 030 – 050 / 4 – 6 kts
17:00 LT: 350 – 020 / 3– 5 kts
18:00 LT: VAR / 2 – 4 kts

WARNINGS:
NONE

WEATHER:

- fog dissolves and sun comes out
- during the day clouds (cumulus) develope
- there is a small risk (20%) for weak isolated showers

TEMPERATURES: AIR: 16-18°C (over land) 12-13° C (over the sea)

Water: 10-11°C

TOMORROW, Sunday 23/05/2010

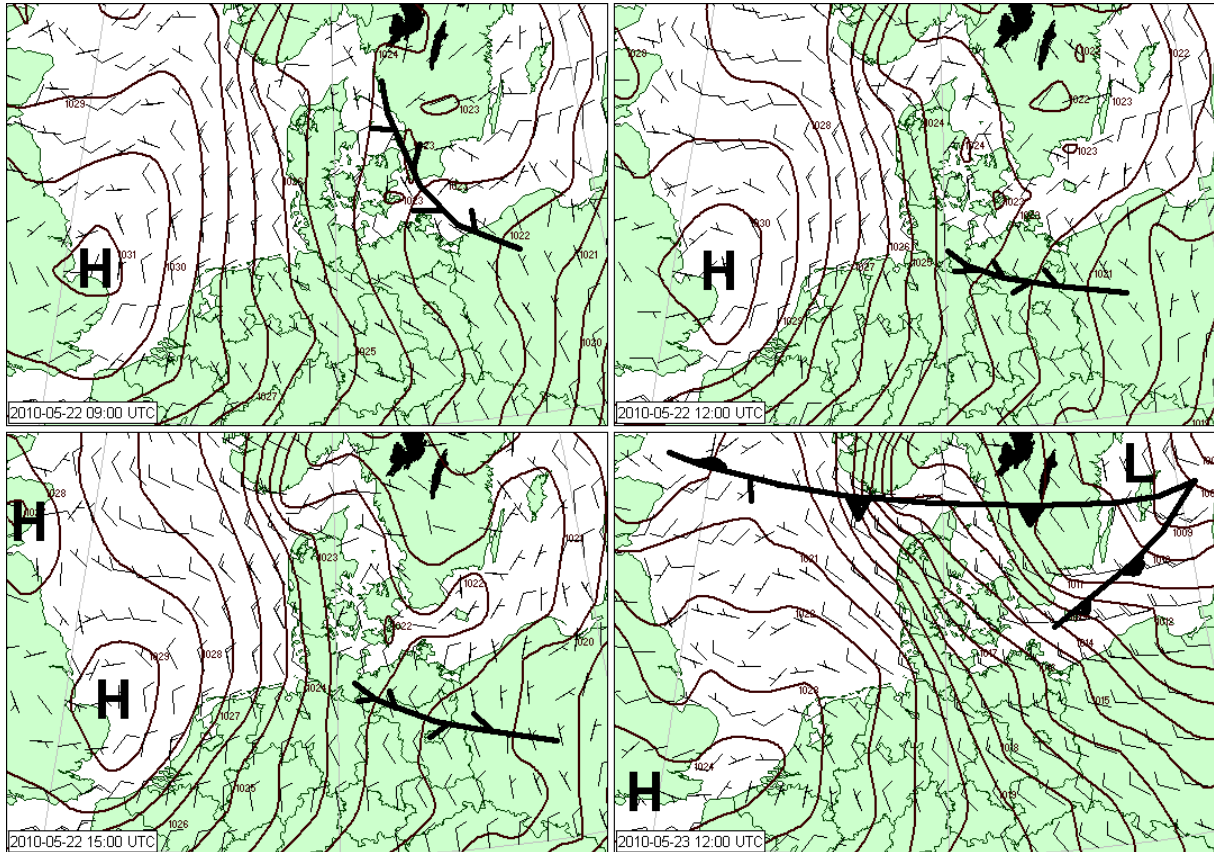
TWD 290 - 320 Grad. TWS 12 to 15 kts, gust up to 26 kts. Maximum temprature over land: 18° C. partly sunny, partly cloudy, dry.

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Synopsis

Today 11:00 , 14:00, 17:00 LT + tomorrow 14 LT)



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