



Wetter

J80 Worlds 2015

Date: Thursday, 09/07/2015
Issue: 09/07/2015 07:30 LT
Race Area: Course India
Meteorologist: Dipl.- Met. Meeno Schrader

SYNOPSIS today 06 UTC (08:00 LT) and development:

- A gale like low pressure system is moving from S-Norway into Mid-Sweden
- Midday sees the centre of the low (993 hPa) S of Lake Vättern / Stockholm
- Low will reach the E coast in the evening
- By this move we are seeing the backside of the low (trough area), where a NW-ly flow sucks cold air
- Next high pressure is over the Bay of Biscay with a ridge into the Channel
- Within the range of the trough there is a very strong gradient slipping over Denmark and N-Germany today
- Cold air of high levels is leading to an unusual gustiness for this time of the year
- stratification is unstable

Observations 07:00 LT:

Kiel / Lighthouse offshore:	Holtenau
260° 25 kn Böen 31 kn	250° 9 kn Böen 19 kn

TODAY, Thursday 09/07/2015

WIND:

- strong breeze with gale gusts today
- wind is still a little bit quiet in the very early hours
- from 9:00 LT wind field is building quickly and changing into storm mode
- average wind and gustiness are increasing through the day
- TWS range average wind: 23 – 30 kts
- TWD range average wind: 280 – 290
- MAX left: TWD 270 MAX right: TWD 290

Gusts:

- Morning sees already gusts building from 32 → 40 kts
- Afternoon 47 kts with risk of 52 kts on outer race courses

WARNINGS:

Gale gusts from W
In the harbor gusts ~43 kts!
On race courses gusting up to 52 kts!



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The average wind in detail (LT): all Digits are true, not magnetic

09:00 Uhr:	270 – 280	18 → 23 kts
10:00 Uhr:	270 – 280	23 → 26 kts
11:00 Uhr:	280 – 290	26 – 28 kts
12:00 Uhr:	280 – 290	26 – 29 kts
13:00 Uhr:	280 – 290	28 – 30 kts
14:00 Uhr:	280 – 290	28 – 30 kts
15:00 Uhr:	280 – 290	28 – 30 kts
16:00 Uhr:	280 – 290	28 – 30 kts
17:00 Uhr:	280 – 290	28 – 30 kts
18:00 Uhr:	280 – 290	26 – 29 kts

Comment:

Wind between Bülk and Kiel Lighthouse TWD 280 – 290 30 – 33 kts average

WEATHER:

Change of sun and clouds. Only few showers...with a little bit of luck it even stays dry through the day

TEMPERATURES: Air : 16° C 16° C (on race course)
Water: 17° C

TOMORROW, Friday, 10/07/2015

Low pressure is moving slowly to the E. We stay on the backside while the high pressure system is moving fast in to the Northsea. This keeps the gradient up.

WEATHER:

Change of long sunny periods and clouds. Probably staying dry, but cool.

Tmax: 16° C over the sea 16° C

WIND:

TWD 290 – 300

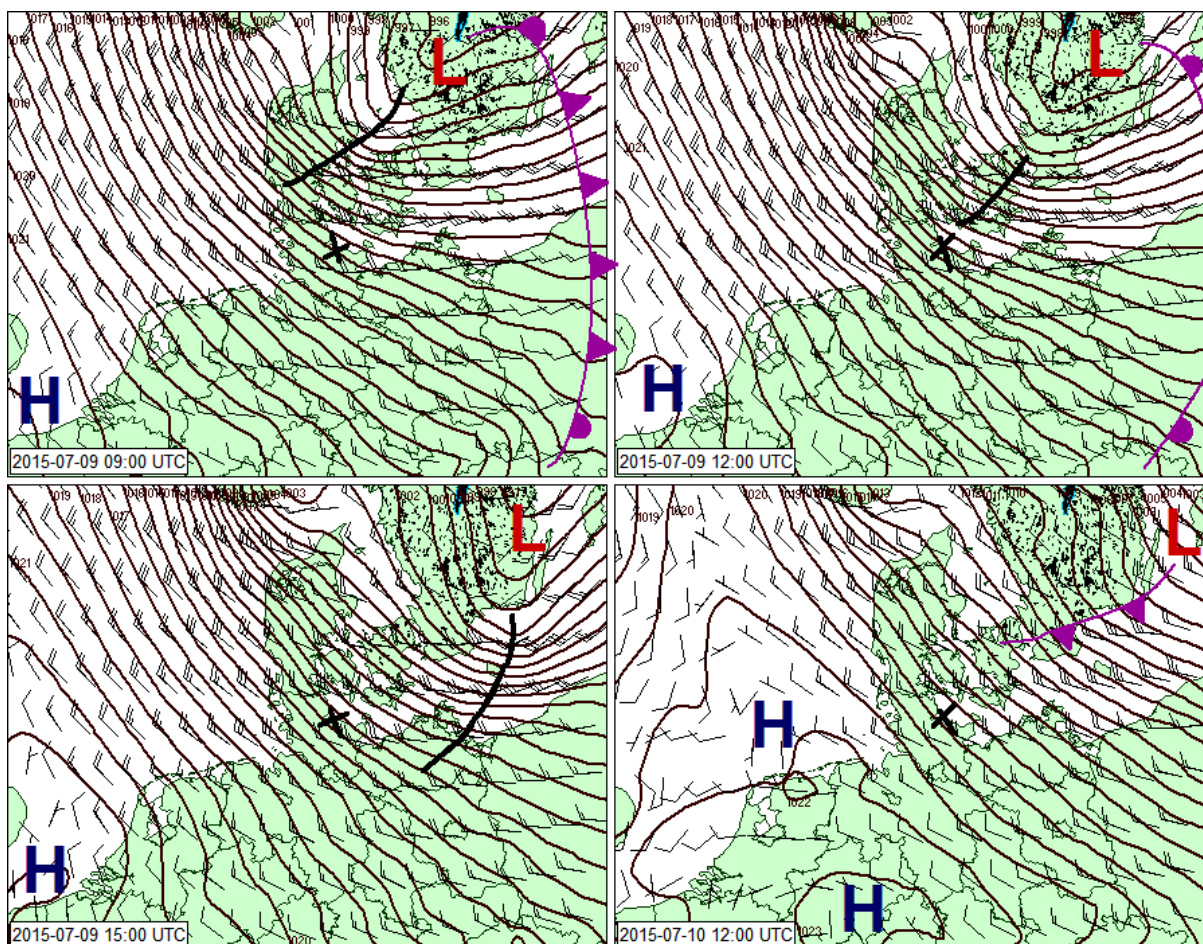
TWS 18 – 22 kts, gusts 35 → 32 kts



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SYNOPSIS

TODAY (11:00 , 14:00, 17:00 LT and tomorrow 14:00 LT)



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