

Wetter J80 Worlds 2015



Date: Wednesday, 08/07/2015
Issue: 08/07/2015 07:30 LT
Race Area: Course India
Meteorologist: Dipl.- Met. Meeno Schrader

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

- Low pressure determines more and more the weather pattern
- Low has moved into S-Norway and stays there all day long
- A trough is stretching into the Northsea and is moving slowly towards Kiel
- Ahead of this trough an occlusion front is clearing us in early afternoon from W to E
- Ahead of this weak high pressure influence is still present in early hours, but the high is pushed S by the front and the trough
- Gradient is still moderat in the morning session,. It is building through the day while the trough is approaching
- Same time cooler air is filling in in higher levels leading to an increasing gustiness
- stratification is almost neutral becoming unstable in the afternoon

Observations 07:00 LT:

Kiel / Lighthouse offshore:	Holtenau
240° 18 kn Böen 25 kn	240° 6 kn

TODAY, Wednesday 08/07/2015

WIND:

- Breeze is mostly gradient wind today + shower gusts
- Wind is building through the morning , from midday on and in the afternoon it builds more significantly
- Wind direction is stable
- Average wind speed is good ...building
- Gustiness is main issue today with peaks in the afternoon into 32 – 36 kts
- TWS range average wind: 18 – 21 kts
- TWD range average wind: 220 – 250
- MAX left: TWD 220 MAX right: TWD 250

Gusts:

- Morning sees gusts building into 27 – 30 kts
- Afternoon increasing 30 → 35 kts after 16:00 LT: > 35 kts

WARNINGS:

During the afternoon increase risk of gusts in gale strength



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

09:00 Uhr:	240 – 250	15 → 17 kn
10:00 Uhr:	240 – 250	18 – 20 kn
11:00 Uhr:	230 – 250	18 – 20 kn
12:00 Uhr:	230 – 250	16 – 19 kn
13:00 Uhr:	230 – 250	20 – 22 kn
14:00 Uhr:	230 – 250	19 – 21 kn
15:00 Uhr:	230 – 250	20 – 22 kn
16:00 Uhr:	230 – 250	21 – 23 kn
17:00 Uhr:	230 – 250	21 – 23 kn
18:00 Uhr:	230 – 250	21 – 23 kn

Comment:

Very gusty. Highest peaks out of showers!

WEATHER:

Sunny morning is following a mix of sun and fast building cumulus clouds we possible first showers. It stays with a change in clouds and sunny periods w more showers probably in the afternoon.

TEMPERATURES: Air : 18° C 17° C (on race course)
Water: 17° C

TOMORROW, Thursday, 09/07/2015

Low pressure is moving into Sweden and deepening. The trough is clearing Denmark and the Kieler Bucht.

WEATHER:

Change of many clouds and sunny periods + showers. Showers less in the afternoon.
Cold .

Tmax: 15° C over the sea 14° C

WIND:

TWD 270 – 290

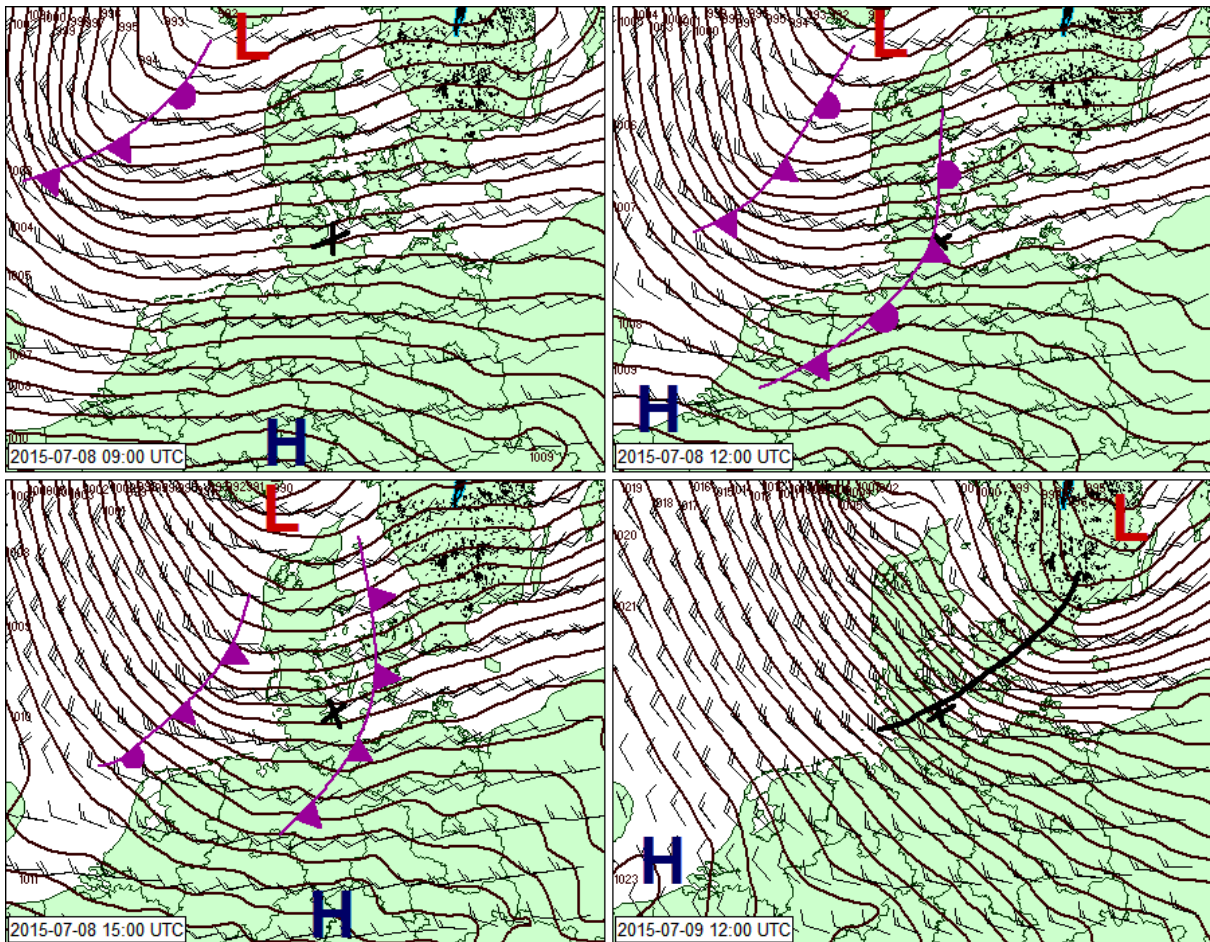
TWS 28 – 30 kts, gusts 40 – 45 kts

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SYNOPSIS

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



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Phone: 0049 (0)431 / 560 66 77

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