



Weather

F18 Worlds 2015

Date: Tuesday, 14/07/2015
Issue: 14/07/2015 07:00 LT
Race Area: Echo / Juliett
Meteorologist: Dipl.- Met. Meeno Schrader

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

- Low pressure is mainly controlling the big picture
- The main low is positioned over S-Norway and Mid Sweden within an overall W-ly flow
- A second low was running tonight from the Channel into the Netherlands..this morning into the NW of Germany
- This weak low (1013 hPa) is moving ESE through the day ..evening sees the low over E Germany
- This low is running into the gradient of the scandinavian low... a bad move as it is killing the gradient
- So little to temporary no gradient wind from the over regional pattern
- BUT there is still chance for a breeze due to thermal effects
- this is controled by the sun ...it offers a 50% chance for a weak sea breeze in the afternoon

Observations 07:00 LT:

Kiel / Lighthouse offshore:		Holtenau
330° 3 kts		310° 1 kts

TODAY, Tuesday 14/07/2015

WIND:

- Morning session sees patches of no breeze and temporary some patches with very little air then from a W-ly direction
- Chances are only 50% for any breeze today
- There is a 50% chance for a sea breeze building in the afternoon offering 5 – 8 kts
- **TWS** range average wind: 0 – 8 kts
- **TWD** range average wind: 040 – 090

MAX left: TWD 040 **MAX right:** TWD 090

Gusts:

- No gusting...only unregular patches of just a little bit of breeze here and there

WARNINGS:

None



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Scenario 1 (50%)

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

09:00 :	290 / VAR	0 – 3 kts
10:00 :	290 / VAR	0 – 3 kts
11:00 :	VAR / 030	0 – 3 kts
12:00 :	050 – 060	1 → 3 kts
13:00 :	050 → 060	3 – 5 kts
14:00 :	060 → 070	5 – 7 kts
15:00 :	070 → 080	6 – 8 kts
16:00 :	080 → 090	6 – 8 kts
17:00 :	090 – 080	7 – 5 kts
18:00 :	070 – 060	5 – 3 kts

Comment:

Scenario 2 (20%) in case of too many clouds in the afternoon killing the sea breeze: light and variable patches of breeze/ no breeze over morning, midday and into the afternoon. After 15:00 LT: carefully building of a SW – ly breeze 16:00 – 19:00 LT: TWD 210 – 230 6 – 8 kts

WEATHER:

Thick clouds in the morning will change into more sun during later morning and into the afternoon. Big differences in cloudiness over sea (sunny) and over land w cumulus clouds growing over land. Dry. Cumulus clouds control the chance for a sea breeze.

TEMPERATURES: Air : 20° C 18° C (on race course)
Water: 17° C

TOMORROW, Wednesday, 15/07/2015

Low pressure over Scandinavia. High pressure is moving into the Northsea. Moderate to good gradient building.

WEATHER:

Mostly sunny. Few clouds especially in the morning.Dry.
Tmax: 20° C over the sea 18° C

WIND:

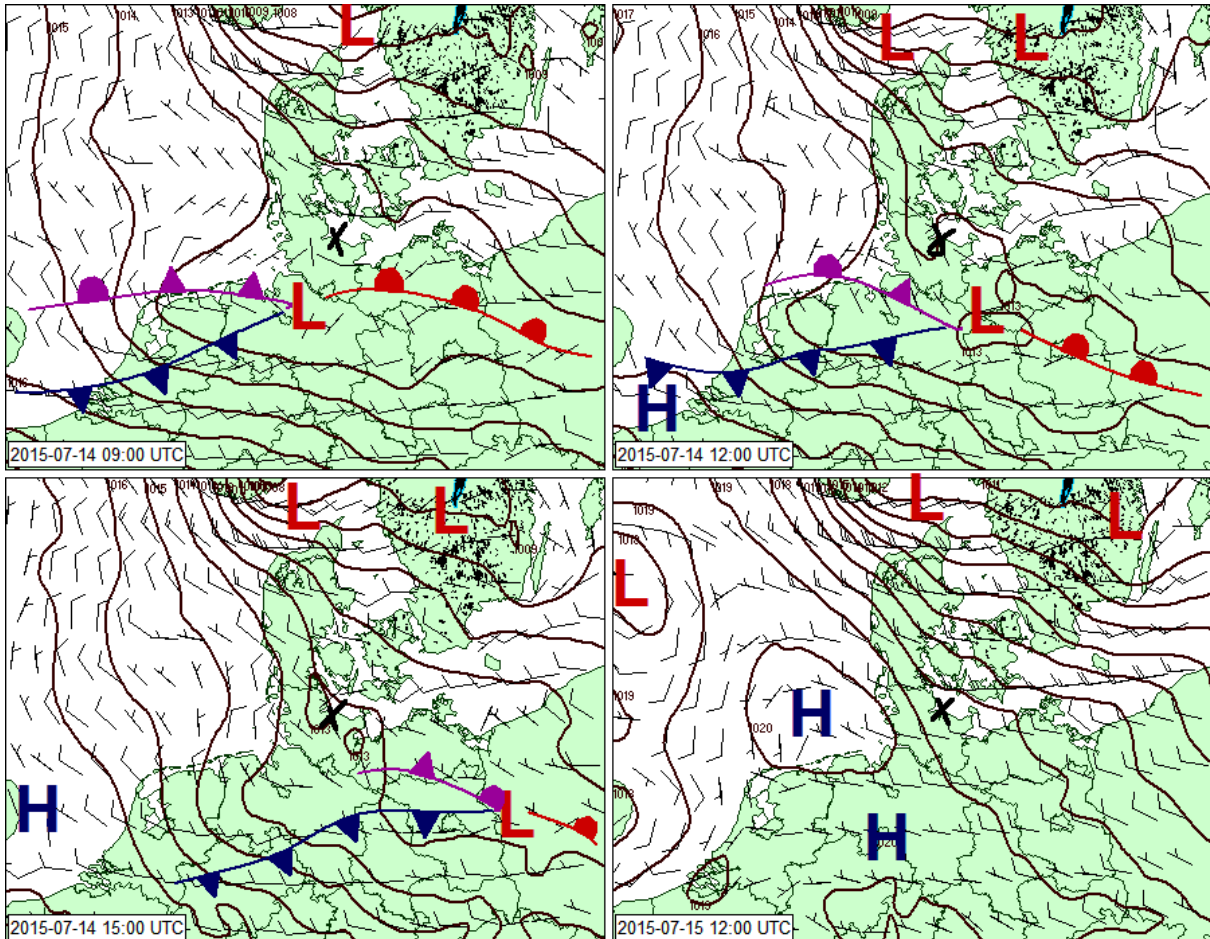
TWD 280 – 300 12 – 15 kts, gusting 20 kts

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SYNOPSIS

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



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