

Date: Friday, 04/08/2017
Issue: 04/08/2017 06:15 LT
Race Area: Courses Echo, Hotel, India, Juliett
Meteorologist: Dipl.-Met. Meeno Schrader

SYNOPSIS today 04 UTC (06:00 LT) and development:

- Another day of low pressure which determines the big picture the whole day through
- It is the same low from yesterday which has moved inbetween during the night to the E. This move sees the center of the low in the morning over the northern North Sea
- It continues this track heading for the S of Norway this evening this shows the gradient further increasing during the day
- It is a large low for this time of the year, its influence is down to Belgium
- Cooler air in the height is slowly advected into the race area. Unstability and gustiness is increasing during the day
- Additionally the low offers a strong gradient...already the morning session sees a well developed strong gradient wind

Observations 06:00 LT:

Kiel / Lighthouse:	Kiel - Holtenau
210° 23 Gusts 27 kts	210° 6 kts

TODAY

WIND:

- We see mainly gradient wind today
- This is pretty constant in wind dir from +/- 220° but tends to go right
- Afternoon sees 230° → 250 °
- Wind speed is already well developed in the morning hours but sees a further strengthening during the day in TWS and in gustiness
- TWS range is 19 – 23 kts in average wind
- Showers will clear us with mostly short influence on the local wind situation
- Showers are carrying another push in the gusts

The average wind in detail:

all Digits are true, not magnetic. Time in Local time. Wind speed in kts!

Courses ECHO, INDIA, JULIETT

HOTEL

09:00 : 210 – 220	15 → 17	210 – 220	12 → 15
10:00 : 220	17 – 19	220	15 – 17
11:00 : 220 – 230	18 – 20	220 – 230	16 – 18
12:00 : 220 – 230	18 – 21	220 – 230	16 – 18
13:00 : 230	19 – 22	230	17 – 20
14:00 : 230	19 – 22	230 – 240	17 – 20
15:00 : 240	20 – 23	240	18 – 20
16:00 : 240 – 250	20 – 23	240 – 250	18 – 20
17:00 : 250	20 – 23	250	18 – 20
18:00 : 250	19 – 22	250 – 260	17 – 20

Weather



MAX LEFT TWD 220

MAX RIGHT TWD 250

COMMENT:

Speed of the right wind shift in the afternoon still uncertain...can be faster. Then: 15:00 LT sees already TWD 260

GUSTS:

Gustiness is a big issue today.

HOTEL sees in the morning / Midday session gusts up to 28 kts, increasing 30 kts for the afternoon.

ECHO, INDIA, JULIETT sees gusts 32 kts increasing into the afternoon 32 – 35 kts.

WARNINGS:

None

WEATHER:

Morning session sees mostly layered mid level clouds with some sunny spells possible. During later morning chance for some showers increase. Afternoon viceversa sees an improvement with good chances to stay dry and with much more sunny periods also into the evening. 5 - 6 hours of sun in total today.

TEMPERATURES: Air: 20°C (over land) 19° C (over water) SST: 19°C

TOMORROW

Saturday, 05/08/2017

Low is further moving E while slowly filling up. Gradient is easing. Clouds with scattered brief showers else long sunny periods.

Max temperature 19 – 20° C.

TWD 250 → 270° 12 – 16 kts gusts 20 – 25 kts

SYNOPSIS

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

