

Date: Sunday, 30/07/2017
Issue: 30/07/2017 07:00 LT
Race Area: Courses Echo, Hotel, India, Juliett
Meteorologist: Dipl.-Met. Meeno Schrader

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

- Big picture is determined by low pressure again
- The low is a small but very effective eddy which tracked tonight into the middle of the Northsea
- It is a classical low with a warm front which cleared us tonight / very early morning to the NE w heavy rain
- Associated cold front is following only slowly...it is over midday close the Netherlands.. in the evening over Hamburg while dissolving already slowly
- This leads for the race area to a position in the warm sector all day through, where a SW-ly flow leads very warm air into Kiel
- Gradient is building through the morning and is fine..in the afternoon this gradient wind sees effects of changes due to cumulus clouds
- Very warm air still carries an amount of humidity leading to the potential of high cumulus clouds in the afternoon. This leads to a small risk of shower / thunderstorm in the afternoon session.

Observations 07:00 LT:

Kiel / Lighthouse:	Kiel - Holtenau
130° 19 Gusts 25 kts	140° 3

TODAY

WIND:

- morning hours sees gradient wind building
- this building leads already to a first rightie in the development of the wind direction for TWD 180 – 190°
- wind is further going right through the day for TWD 220 – 230° while increasing into the TWS 13 – 16 kts.

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 : 170 – 190 8 → 11 G 16	170 – 190 8 → 11 G 16
10:00 : 170 – 190 11 – 13 G 18	170 – 190 11 – 13 G 18
11:00 : 180 – 190 11 – 14 G 20	180 – 190 11 – 14 G 20
12:00 : 190 – 200 12 – 14 G 21	190 – 200 12 – 14 G 21
13:00 : 210 – 220 12 – 15 G 23	210 – 220 12 – 15 G 22
14:00 : 210 – 220 12 – 15 G 25	210 – 220 12 – 14 G 23
15:00 : 220 – 230 12 – 15 G 25	220 – 230 12 – 14 G 23
16:00 : 220 – 230 12 – 15 G 25	220 – 230 12 – 14 G 23
17:00 : 220 – 230 12 – 15 G 22	220 – 230 12 – 15 G 22
18:00 : 230 – 240 11 – 14 G 20	230 – 240 11 – 14 G 20

Weather



MAX LEFT TWD 180

MAX RIGHT TWD 230

COMMENT:

30 % probability sees the breeze increasing into TWS 15 – 18 kts gusting 27 kts during midday and afternoon on outer courses.

GUSTS:

Another day of gusty conditions. Gust potential is even at 25 – 28 kts but will not be called in total.

WARNINGS:

None

WEATHER:

Change of sun and clouds through the day. Afternoon sees clouds developing more into higher cumulus clouds offering the potential for a shower with a weak risk for a thunder storm (10 – 20 % probability)

TEMPERATURES: Air: 25°C (over land) 23° C (over water) SST: 18°C

TOMORROW

Monday, 31/07/2017

Weak high pressure influence leading to an easing in weather conditions. Long sunny periods with harmless clouds inbetween are leading to 11 hours of sun shine. Staying dry.

Max temperature 21 – 22° C.

TWD 210 – 230° 10 – 13 kts gusts 16 kts

SYNOPSIS

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

