

Weather



Date: Saturday, 29/07/2017
Issue: 29/07/2017 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 all day through by low pressure
- Center of the low with 1000 hPa is over the northern Northsea...the low is moving through the day to the E into the Skagerrak..into the OsloFjord
- We stay positioned S of this low where the associated warm and cold front will clear us through the day
- It is a classical game : morning session sees first the warm front passing us followed by the cold front during midday / early afternoon
- Fronts are leading to changes in the wind direction
- Afternoon sees a little bit cooler and more over drier air filling in while the gradient wind is changing for a SW-ly later WSW-ly breeze
- There is more mixing with a little bit support by the sun we will see more convection and turbulence while the gradient is easing
- Basically the gradient is very good today...easing through the afternoon

Observations 07:00 LT:

Kiel / Lighthouse:	Kiel - Holtenau	
190° 23 Gusts 31 kts	190° 7 Gusts 18 kts	

TODAY, Saturday, 29/07/2017

WIND:

- morning session sees pure gradient determining the wind field
- rain is leading to a well developed strong S-ly breeze with high gust potential
- with the front passages wind is going to the right starting with TWD 190 →Y 210° and later the day TWS 240 – 250°
- afternoon sees slowly easing in average breeze and in gustiness
- further easing while going right into late afternoon and evening

The average wind in detail:

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

10:00 :	190 – 200	18 – 20	Gusts 28 – 32
11:00 :	200 – 210	21 – 23	Gusts 28 – 32
12:00 :	210 – 220	20 – 22	Gusts 28 – 32
13:00 :	220 – 230	19 – 21	Gusts 28 – 31
14:00 :	230 – 240	18 – 20	Gusts 25 – 27
15:00 :	240	16 – 19	Gusts 24 – 26
16:00 :	240 – 250	16 – 18	Gusts 21 – 23
17:00 :	240 – 250	14 – 17	Gusts 19 – 22
18:00 :	250 – 260	13 – 16	Gusts 17 – 19
19:00 :	250 – 260	13 – 16	Gusts 15 – 17

Meteorological Services – worldwide

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Weather



MAX LEFT TWD 200

MAX RIGHT TWD 260

COMMENT:

Very gusty conditions through morning and midday. Significantly easing through the afternoon and into the evening. Less breeze inshore.

GUSTS:

Echo and Juliett sees gusts up to 32 kts, afternoon 27 → 23 kts
India and Hotel sees gusts up to 28 kts, afternoon 24 → 20 kts

WARNINGS:

None

WEATHER:

Longer lasting rain through the morning. Midday and moreover afternoons sees clearing and increasing sunny periods with only few mostly no showers any more. 4 – 5 hours of sun total today.

TEMPERATURES: Air: 21°C (over land) 20° C (over water) SST: 18°C

TOMORROW

Sunday, 30/07/2017

Warm front is clearing us to the N followed by some few clouds with a little bit of rain, but mainly staying dry and sunny periods. Warm. On land 25°C, on the water 22° C.

TWD 190 → 230° 12 – 14 kts gusts up to 22 kts

SYNOPSIS

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

