

Date: Thursday, 03/08/2017
Issue: 03/08/2017 07:00 LT
Race Area: Courses Echo, Hotel, India, Juliett
Meteorologist: Dipl.-Met. Meeno Schrader

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

- Low pressure determines the big picture the whole day through
- Center of the low is W of Scotland this morning...low is slowly moving E into the North Sea. Low will arrive over SW Norway tomorrow, Friday, midday
- Associated fronts are first the warm front. We are positioned ahead of it these morning hours...long lasting rain belongs to this front. The warm front will clear us later morning between 10 and 11 LT
- cold front is following...it will clear us early afternoon between 14 and 15 LT
- morning session still seeing stable conditions in a building gradient
- cold front will fill in with much more instability accompanied of heavier showers with a weak probability of thunderstorms within these showers
- late afternoon drier air is filling in to clear the sky more consequently
- wind is mainly gradient wind today...gradient is slowly building through the day
- with the colder air from early afternoon on gustiness is a big issue

Observations 06:00 LT:

Kiel / Lighthouse:	Kiel - Holtenau	
170° 18 kts	180° 6 kts	

TODAY

WIND:

- Morning session sees mainly gradient wind
- Rain is easing the breeze temporary a little bit....basically there is very good pressure from the S we are starting into
- Wind will go from early TWD 180° to the right into 230° (240°) late afternoon
- Fronts will offer more sudden changes in the wind dir
- There is still a slow build within the average breeze through the day
- Main remarkable change in the gustiness to become much stronger in the afternoon
- More cumulus likely clouds from midday and through the afternoon will have stronger influence onto local TWD and TWS with higher variability in both

Weather



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 – 180 12 – 14	170 – 180 10 – 13
10:00	: 180 – 190 12 – 14	180 – 190 11 – 13
11:00	: 190 14 – 16	190 11 – 13
12:00	: 200 14 – 16	200 12 – 14
13:00	: 200 – 210 13 – 16	210 13 – 16
14:00	: 220 – 230 13 – 15	230 12 – 15
15:00	: 230 15 – 17	230 – 240 15 – 17
16:00	: 230 – 240 16 – 18	230 – 240 14 – 17
17:00	: 240 17 – 19	240 14 – 17
18:00	: 240 17 – 19	240 14 – 17

MAX LEFT TWD 180

MAX RIGHT TWD 240

COMMENT:

None

GUSTS:

Gusting is increasing through the day. Morning / Midday see gusts HOTEL up to 22 kts, other courses 25 kts. Afternoon increasing HOTEL 24 kts, outer courses 28 – 31 kts.

WARNINGS:

Weak risk of thunderstorms (10 % probability) within the rain showers and gusts of ~35 kts

WEATHER:

Longer lasting rain still through the morning. 10 – 11 LT sees some interruption in the rain with shortly some clearing followed by new showers from the W. After 17 LT most showers are disappearing with the sun still coming out for the evening. Still 2 – 3 hours of sun this evening.

TEMPERATURES: Air: 21°C (over land) 20° C (over water) SST: 19°C

TOMORROW

Friday, 05/08/2017

Today's low pressure system is still positioned over the North Sea and will stay there most of the day. We are on the S side of the low in a strong SW-ly flow with a strong gradient. Very gusty.

Often change of many clouds with showers to sunny periods.

Max temperature 19 – 20° C.

Meteorological Services – worldwide

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TWD 220 – 240° 20 – 22 kts gusts inshore 30, offshore 35 → 38 kts

SYNOPSIS

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

