

Date: Tuesday, 01/08/2017
Issue: 01/08/2017 07:00 LT
Race Area: Courses Echo, Hotel, India, Juliett
Meteorologist: Dipl.-Met. Meeno Schrader

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

- Big picture changed tonight
- a weak and small high pressure cell developed over Schleswig-Holstein
- it belongs to a weak bridge of higher pressure which built from the Netherlands over the German Bight into the Baltic Sea
- this weak high pressure influence is still seen to be valid in the morning as long as the gradient is totally down
- during the day there is a new low developing close to Hamburg while the high is drawing back into the Baltic Sea
- the low at Hamburg is fed by another stronger low over Lower Saxony which leads to increasing instability and humidity in the afternoon
- wind wise we are playing with the higher pressure over the Baltic and the low over Hamburg later the day Lower Saxony. They help to build a weak gradient during the morning session which is increasing slowly into the afternoon for a almost proper breeze

Observations 06:00 LT:

Kiel / Lighthouse:	Kiel - Holtenau	
350° 4 kts	230° 1 kts	

TODAY

WIND:

- starting the day with almost partly really no wind
- we will see through the morning session a carefully, slow building of some breeze
- the building is from TWD 060 – 080
- wind is wanting to go for TWD 090...if there it will stay there for a while
- there is higher probability for this TWD 090 to stay into late afternoon
- some chance exists that this breeze starts to go left after 16:00 LT
- wind speed is increasing into midday and afternoon into 5 – 8 kts

Weather



The average wind in detail:

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

Courses ECHO, INDIA, JULIETT

09:00 : VAR 0 – 3
10:00 : VAR / 070 2 – 4
11:00 : 060 – 080 3 – 5
12:00 : 080 – 090 4 – 7
13:00 : 090 6 – 8
14:00 : 080 – 090 6 – 8
15:00 : 090 – 100 6 – 8
16:00 : 090 – 100 6 – 8
17:00 : 090 – 080 5 – 7
18:00 : 080 – 070 5 – 7

HOTEL

VAR 0 – 3
VAR / 070 2 – 4
060 – 080 3 – 5
080 – 090 3 – 6
090 5 – 7
080 – 010 5 – 7
090 – 100 6 – 8
090 – 100 6 – 8
090 – 080 5 – 7
080 – 070 5 – 7

MAX LEFT TWD 070

MAX RIGHT TWD 100

COMMENT:

With the approach of rain clouds and thunderstorms in very late afternoon there is more influence by them. This gives some chance for the gradient wind starting may be to increase into 10 – 13 kts during the afternoon. Gusting then 14 – 18 kts

GUSTS:

No issue. Only patches of some more pressure. See only the comment.

WARNINGS:

After 17:00 LT increasing risk for strong and heavy rain showers as well as thunderstorms with risk of heavy gusting 30 – 40 kts

WEATHER:

Mix of many mostly mid level clouds and some sunny periods through the day. During the afternoon clouds increase getting darker. After 17:00 LT increasing probability for heavy rain showers and thunderstorms .

TEMPERATURES: Air: 22°C (over land) 20° C (over water) SST: 18°C

TOMORROW

Wednesday, 02/08/2017

High pressure over Germany sends a weak ridge into Kiel leading to a proper gradient. Some mid and high level clouds else sunny. Staying dry.

Max temperature 20 – 22° C.

TWD 230 – 250° 11 – 13 kts

Meteorological Services – worldwide

WetterWelt GmbH

Phone 0049 (0)431 / 560 66 77

service@wetterwelt.de

www.wetterwelt.de

SYNOPSIS

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

