

Kieler Woche 2017



Date: Sunday, 25/06/2017
Issue: 25/06/2017 06:00 LT
Race area: all courses
Meteorologist: Meeno Schrader

Synop 06:00 LT and development:

Detail

- Big picture continues to be determined by low pressure
- Low is positioned with the center over Norway / Sweden...it is almost stationary..it is fed by new lows from Scotland
- Low controls weather the whole day through
- Associated cold front is stretching from S-Sweden into the Netherlands being close to us
- Next high pressure is over France and Belgium
- Gradient is basically very good today..strong gusts involved...but the rain within the cold front is eating a lot of energy at first
- Front is slowly clearing us through the day..midday sees the front to the S of us
- Behind the front cooler and dry air is filling in this supports a strong and quick increase in gradient wind

Forecast TODAY 25/06/17

Warnings

NONE

WEATHER

Morning session sees many clouds and an over cast pattern with temporary rain. Rain is moving to the S, to be replaced by drier air. Clouds are starting to clear with sunny periods. Midday and afternoon sees a change of clouds and sun. It is staying almost overall dry – also in the evening and tonight.

Sun duration: offshore: 6 h inshore / land : 4 – 6 h

Temperatures

Air **Land** 18° C max over **Water** 17° C but wind chill 14° C

Sea surface temperature 17° C

WIND

Average

Similar conditions like yesterday. Wind pattern is determined mainly by gradient...weaker morning breeze effected by the rain clouds. Morning session sees the wind first from SW. It is going right into almost W = TWD 250 – 260...Max right TWD 270. Rainclouds are still eating a good portion of the basically strong wind to offer only 10 – 14 kts in the beginning. As soon as the rain is gone TWS increasing quickly into 16 – 19 kts, on outer courses then 18 – 22 kts, on ECHO a little bit less.

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See also scenario 2!

Gusts

Gusts are smooth in the early morning session...offering first 16 – 19 kts. If the gradient wind is increasing, gustiness will increase quickly and also significantly. Then it is very gusty. Midday sees gusts on *Golf* and *Hotel* of 26 – 28 kts, else 28 – 31 kts

Sea state

Inshore courses: 0.8 – 1.4 m Outer courses : 1.5 – 2.5 m

SCENARIO 2 (50 % probability)

Morning session sees the increase in wind speed pretty faster = between 10 and 11 LT. This leads to a higher TWS: **10 LT: 20 kts G 26 kts, after 11 LT: 23 G 29 kts**

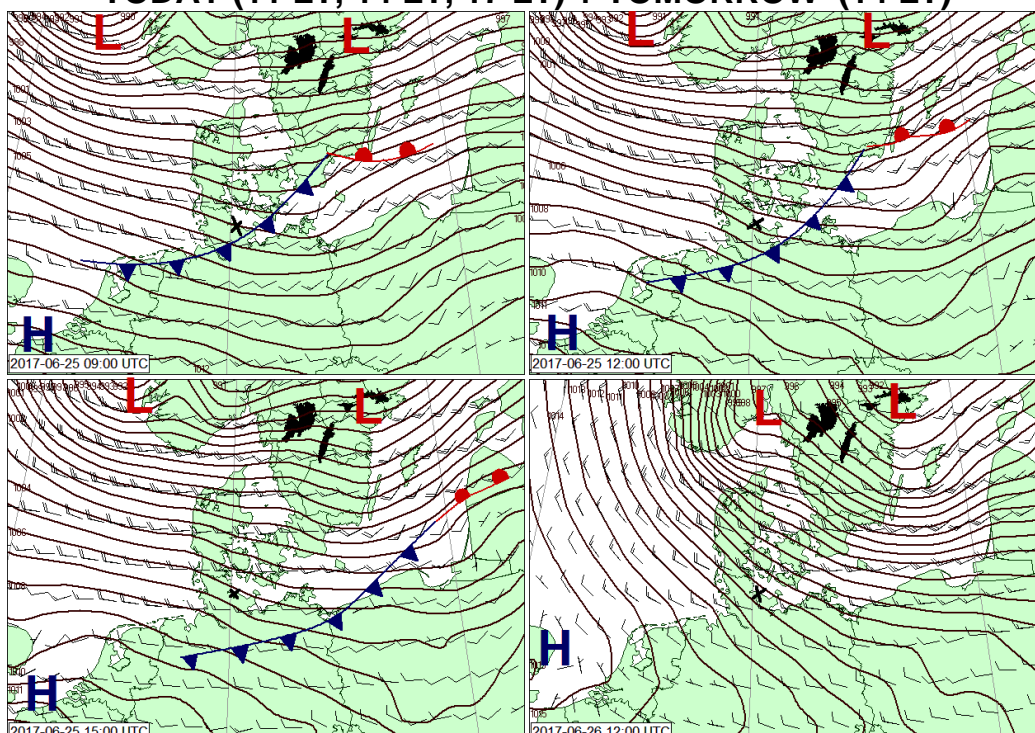
TOMORROW Monday 26/06/17

TWD 270 17 – 22 kts, gusts 27 – 32 kts

Weather

Mainly sunny. Here and there still some clouds. Dry.
Sun shine hours: over land 12 h, offshore 14h.
17 – 18° C

SYNOPSIS TODAY (11 LT, 14 LT, 17 LT) + TOMORROW (14 LT)



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