



## Gliding Forecast for the Competition Area Lüsse

**Valid for the 5th of August 2008 from 11.00 to 18.00 local time**

**Synoptic Summary:** At the rear of a low located over the Baltic Sea maritime air has moved into the competition area. Cloud fields of this low will locally influence the competition area.

**Warnings:** Strong winds with gusts up to 20 kts

### WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	270°/15 kt 12°C	290°/20 kt 15°C
1200 m	290°/25 kt 8°C	290°/25 kt 11°C
1800 m	280°/30 kt 4°C	290°/20 kt 7°C
Surface	270°/15 kt gusts 25 kts	290°/12 kt, gusts 20 kts
Visibility	>20 km	>20 km

### THERMAL ACTIVITY

Duration of soarable thermals	Starting at 11.00 LT		with surface temperature of 20°C
	Ending at 19.00 LT		Sunset at 20.48 LT
	Intensity	moderate, locally good Cu; disturbed by strong wind and cloud fields	
	<b>When first formed</b>	<b>at 15.00 LT</b>	<b>Maximum</b>
Top of dry thermals			
Amount of Cu clouds	1-3/8 Cu	2-3/8 Cu	2-4/8 Cu
Base of Cu clouds	800 m GND	1500 m GND	1800 m GND
Other clouds	2-3/8 Sc/Ac	loc 3-5/8 Sc/Ac	1-3/8 Sc/Ac, locCb
mean rates of climb	1-2 m/s	2-3 m/s	2-3 m/s
Character of thermals	Cu	Cu	Cu
Maximum Temperature:	23°C		
Base of significant inversion or stable layer	weak inversion in 2600 m		
Hight of 0°- Isotherm:	2800 m		
QNH:	1011 hPa	Tendency:	increasing
Special phenomena:	In all levels strong winds, locally cloud fields		
Outlook:	In front of a low over U.K. cloud fields of a warm front will influence the competition area		
Date/Time of origin:	05 August 2008, 08.30 LT		