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## Gliding Forecast for the Competition Area Lüsse

Valid for the 10th of August 2008 from 10.00 to 19.00 local time

**Synoptic Summary:** In front of a low located between Island and Scotland warm and humid air is moving into the competition area. The warmfront of this low will pass Lüsse at noon, the coldfront at midnight.

**Warnings:** In connection with the cold front, showers and strong winds with gust up to 25 kts can be expected.

### WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	250°/20 kt 16°C	240°/20 kt 17°C
1200 m	250°/20 kt 13°C	240°/25 kt 14°C
1800 m	260°/25 kt 9°C	240°/25 kt 10°C
Surface	220°/08 kt gusts 15 kt	210°/15 kt gusts 25 kt
Visibility	>20 km	10 km (in connection with rain)

### THERMAL ACTIVITY

Duration of soarable thermals		
	Sunset at 20.38 LT	
Intensity	no soarable thermals	

	When first formed	at 15.00 LT	Maximum
Top of dry thermals			
Amount of Cu clouds			
Base of Cu clouds			
Other clouds	7-8/8 Ac/As/Ns	6-8/8 Sc/Ac/As	5-7/8 Sc/Ac/As
mean rates of climb			
Character of thermals			

Maximum Temperature: 24°C

Base of significant inversion or stable layer no significant inversion

Hight of 0°- Isotherm: 3500 m

QNH: 1009 hPa (02 pm LT) Tendency: no significant change

Special phenomena: temporary light rain (especially in connection with the warm front)

Outlook: A small window of soarable conditions at the rear of a cold front.

Date/Time of origin: 10 August 2008, 08.30 LT

