



## Gliding Forecast for the Competition Area Lüsse

**Valid for 3rd of August 2008 from 11.00 to 19.00 local time**

**Synoptic Summary:** In front of a complex low located over U.K. a maritime air mass was moving into the competition area. At the rear of a weak cold front a small area of high pressure will influence our afternoon's weather.

**Warnings:**

### WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	270°/15 kt 16°C	250°/10 kt 17°C
1200 m	270°/20 kt 11°C	260°/15 kt 11°C
1800 m	260°/25 kt 8°C	270°/20 kt 7°C
Surface	250°/08 kt	240°/10 kt
Visibility	>20 km	>20 km

### THERMAL ACTIVITY

Duration of soarable thermals	Starting at 11.00 LT		with surface temperature of 22°C
	Ending at 17.30 LT		Sunset at 20.54 LT
	Intensity	moderate, locally good Cu; risk of outspreading clouds	
	<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	3-5/8 Cu	2-4/8 Cu
Base of Cu clouds	1200 m GND	1500 m GND	1800 m GND
Other clouds	1-3/8 Sc/Ac	2-4/8 Sc/Ac	2-4/8 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:	25°C		
Base of significant inversion or stable layer	weak inversion in 2000 m		
Hight of 0°- Isotherm:	3500 m		
QNH:	1014 hPa	Tendency:	no significant change
Special phenomena:	In all levels strong winds, locally outspreading clouds		
Outlook:	A frontal system of the low over U.K. will pass Lüsse connected with showers and thunderstorms		
Date/Time of origin:	03 August 2008, 08.30 LT		