



## Gliding Forecast for the Competition Area Lüsse

**Valid for 1th of August 2008 from 11.00 to 19.00 local time**

**Synoptic Summary:** In front of a low located over U.K. a frontal system is moving into the competition area. This front will pass Lüsse at 4 p.m LT.

**Warnings:** In the afternoon development of showers and thunderstorms with gusts up to 20 kt especially in connection with the expected cold front

### WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	170°/10 kt 22°C	240°/10 kt 23°C
1200 m	170°/10 kt 18°C	240°/15 kt 20°C
1800 m	180°/05 kt 11°C	250°/15 kt 13°C
Surface	150°/05 kt	180°/08 kt
Visibility	>20 km	>20 km

### THERMAL ACTIVITY

Duration of soarable thermals	Starting at 12.00 LT		with surface temperature of 29°C
	Ending at 16.00 LT		Sunset at 20.54 LT
	Intensity	moderate dry thermals, in the afternoon locally good with 1-2/8 Cu	
	<b>When first formed</b>	<b>at 15.00 LT</b>	<b>Maximum</b>
Top of dry thermals			2200 GND
Amount of Cu clouds	0-1/8 Cu	loc 0-2/8 Cu	1-2/8 Cu
Base of Cu clouds	2000 m GND	2100 m GND	2300 m GND
Other clouds	1-3/8 Ci	3-5/8 Ci/Ac, Cb	4-6/8 Ci/Ac, Cb
mean rates of climb	1-2 m/s	2-3 m/s	2-4 m/s
Character of thermals	dry	dry/Cu	Cu/dry
Maximum Temperature:	32°C		
Base of significant inversion or stable layer	2700 m		
Hight of 0°- Isotherm:	3500 m		
QNH:	1015 hPa	Tendency:	weakening
Special phenomena:			
Outlook: Influence of a low over U.K.			
Date/Time of origin:	01 August 2008, 07.45 LT		