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## Gliding Forecast for the Competition Area Lüsse

Valid for the 14th of August 2008 from 11.00 to 18.00 local time

**Synoptic Summary:** In front of a complex low over U.K. and Scandinavia with a strong south-westerly flow a maritime airmass was moving into the competition area.

**Warnings:** Strong SW wind with gusts up to 25 kt

### WINDS AND TEMPERATURES

Height (m)	in the morning	Changes during the day
600 m	230°/15 kt 14°C	240°/15 kt 16°C
1200 m	240°/25 kt 10°C	240°/15 kt 11°C
1800 m	240°/25 kt 5°C	240°/20 kt 6°C
Surface	220°/12kt gusts 20 kt	230°/12 kt gusts 25 kt
Visibility	>20 km	> 20 km

### THERMAL ACTIVITY

Duration of soarable thermals	Starting at 11.00		with a surface temperature of 22°C
	Ending at 18.00 LT		Sunset at 20.30 LT
	Intensity	good Cu thermals, locally disturbed by fields of Ci clouds	
	<b>When first formed</b>	<b>at 15.00 LT</b>	<b>Maximum</b>
Top of dry thermals	1100 m		2200 m
Amount of Cu clouds	1-2/8 Cu	2-4/8 Cu	2-4/8 Cu
Base of Cu clouds	1200 m	1800 m	2100 m
Other clouds	3-5/8 Ci	4-6/8 Ci	5-7/8 Ci
mean rates of climb	1-2 m/s	2-3 m/s	3 m/s
Character of thermals	Cu	Cu	Cu
Maximum Temperature:	26°C		
Base of significant inversion or stable layer	2500-3000 m		
Height of 0°- Isotherm:	2700 m		
QNH:	1014 hPa (02 pm LT)	Tendency:	no significant change
Special phenomena:	fields of Ci clouds		
Outlook:	The Lüsse area will be influenced by a low over SE of Europe		
Date/Time of origin:	14 August 2008, 08.30 LT		

