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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

Hight (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	
	When first formed	at 15.00 LT	Maximum
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		
Hight 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		

