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Gliding Forecast for the Competition Area Lüsse

Valid for the 7th of August 2008 from 11.00 to 19.00 local time

Synoptic Summary: A low located over U.K. and the North Sea is moving northeast. With a convergency line in the late afternoon a more instable air mass will influence the west part of the competition area. A coldfront connected with showers, thunderstorms and gusts up to 35 kts will pass Lüsse area in the late evening.

Warnings: In the evening and during the night thunderstorms connectet with hail and gusts up to 35 kts can be expected

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	180°/05 kt 19°C	160°/08 kt 23°C
1200 m	270°/05 kt 14°C	180°/10 kt 18°C
1800 m	280°/10 kt 11°C	210°/12 kt 13°C
Surface	150°/05 kt	200°/08 kt
Visibility	>20 km	>20 km

THERMAL ACTIVITY

Duration of soarable thermals	Starting at 12.30 LT		with surface temperature of 28°C
	Ending at 18.00 LT		Sunset at 20.43 LT
	Intensity	moderate locally good dry thermals	

	When first formed	at 15.00 LT	Maximum
Top of dry thermals	1000 m GND	1600 m GND	2000 m GND
Amount of Cu clouds		0-1/8 Cu	0-1/8 Cu
Base of Cu clouds		2200 m GND	2200 m GND
Other clouds	1-2/8 Ci	loc 2-3/8 Ci	2-3/8 Ci
mean rates of climb	1-2 m/s	2-3 m/s	3 m/s
Character of thermals	dry	dry	dry, loc Cu

Maximum Temperature: 32°C

Base of significant inversion or stable layer no significant inversion

Hight of 0°- Isotherm: 4200 m

QNH: 1008 hPa (02 pm LT) Tendency: decreasing

Special phenomena: In the afternoon fields of Ci clouds

Outlook: Influence of a low located over the south of Sweden

Date/Time of origin: 07 August 2008, 08.45 LT

