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Gliding Forecast for the Competition Area Lüsse

Valid for the 9th of August 2008 from 11.00 to 19.00 local time

Synoptic Summary: At the rear of a cold front passed Lüsse yesterday evening, a more stable airmass is moving in the competition area. A trough in the upper levels leads temporary to outspreading of cloud fields especially in the north-west part.

Warnings: No warnings

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	290°/12 kt 12°C	290°/15 kt 14°C
1200 m	290°/15 kt 7°C	290°/20 kt 9°C
1800 m	240°/10 kt 1°C	290°/20 kt 3°C
Surface	280°/10 kt gusts 20 kt	290°/10 kt gusts 18 kt
Visibility	>20 km	>20 km

THERMAL ACTIVITY

Duration of soarable thermals	Starting at 12.00-12.30 LT	with surface temperature of 18°C
	Ending at 19.00 LT	Sunset at 20.40 LT
	Intensity	moderate, loc good Cu, disturbed by cloud fields; late afternoon loc dry

	When first formed	at 15.00 LT	Maximum
Top of dry thermals			
Amount of Cu clouds	1-3/8 Cu	2-4/8 Cu	3-5/8 Cu
Base of Cu clouds	800 m GND	1500 m GND	1800 m GND
Other clouds	loc 3-5/8 Sc	loc 2-4/8 Sc	loc 2-4/8 Sc
mean rates of climb	1-2 m/s	2-3 m/s	3 m/s
Character of thermals	Cu	Cu	Cu

Maximum Temperature: 22°C

Base of significant inversion or stable layer morning: 1500-2000 m, afternoon: 2200-2800 m

Hight of 0°- Isotherm: 3000 m

QNH: 1014 hPa (02 pm LT) Tendency: decreasing

Special phenomena: especially in the north west part outspreading clouds

Outlook: In front of a low located over U.K. a warm front will influence the competition area

Date/Time of origin: 09 August 2008, 08.45 LT

