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## Gliding Forecast for the Competition Area Lüsse

Valid for the 6th of August 2008 from 11.00 to 19.00 local time

**Synoptic Summary:** The competition area is located in front of a ridge of high pressure. Together with the ridge an embedded weak warmfront with cloud fields is moving eastward. At the afternoon at the rear of this front a more stable air mass is moving into the competition area.

**Warnings:** No warnings

### WINDS AND TEMPERATURES

Height (m)	in the morning	Changes during the day
600 m	190°/8 kt 16°C	180°/05 kt 17°C
1200 m	190°/10 kt 12°C	210°/25 kt 10°C
1800 m	290°/10 kt 8°C	260°/15 kt 10°C
Surface	180°/05 kt	180°/08 kt, gusts 12 kts
Visibility	>20 km	>20 km

### THERMAL ACTIVITY

Duration of soarable thermals	Starting at 12.00-12.30 LT	with surface temperature of 23°C
	Ending at 19.00 LT	Sunset at 20.45 LT
	Intensity	weak temporary moderate dry thermals, loc. Cu; disturbed by cloud fields

	When first formed	at 15.00 LT	Maximum
Top of dry thermals	1000 m GND	1300 m GND	1700 m GND
Amount of Cu clouds		0-1/8 Cu	0-1/8 Cu
Base of Cu clouds		1600 m GND	1700 m GND
Other clouds	2-3/8 Ac/Ci	loc 3-5/8 Ac/Ci	2-4/8 Ac/Ci
mean rates of climb	1-2 m/s	1-2 m/s	1-3 m/s
Character of thermals	Cu	Cu	Cu

Maximum Temperature: 28°C

Base of significant inversion or stable layer: weak inversion in 1500 m

Height of 0°- Isotherm: 3700 m

QNH: 1016 hPa      Tendency: decreasing

Special phenomena: Fields of As/Ci clouds

Outlook: In front of a low over U.K. a cold front with thunderstorms will pass Lüsse in the late afternoon

Date/Time of origin: 06 August 2008, 08.45 LT

