

Gliding Forecast for the Competition Area Lüsse

Valid for 19th of July 2007 from 10.00 to 19.00 local time

Synoptic Summary: The competition area is situated in a weak ridge of high pressure. Above FL50 moist and more instable air connected with cloud fields is moving from south west towards the area.

Warnings: In the evening and during the night risks of showers and locally thunderstorms (20%)

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	060°05 kt	050°05 kt
1200 m	250°05 kt	060°10 kt
1800 m	240°15 kt	160°10 kt
Surface	040°05 kt	040°05 kt
Visibility	>10 km	>20 km

THERMAL ACTIVITY

Duration of soarable thermals	Starting at 11.30 LT		with surface temperature of 22°C
	Ending at 18.30 LT		Sunset at 21.16 LT
	Intensity	moderate/good Cu thermals, timely reduce by cloud fields	

	When first formed	at 15.00 LT	Maximum
Top of dry thermals	800 m GND	1600 m GND	1800 GND
Amount of Cu clouds	0-2/8 Cu	1-3/8 Cu	2-4/8 Cu
Base of Cu clouds	1200 m GND	1400 m GND	1600 m GND
Other clouds	2-5/8 Ac	2-5/8 Ac/Ci	3-5/8 Ac/Ci
mean rates of climb	1 m/s	2-3 m/s	3 m/s
Character of thermals	blue/Cu	Cu	Cu

Maximum Temperature: 27°C

Base of significant inversion or stable layer 2600 m

Hight of 0°- Isotherm: 2900 m

QNH: 1020 hPa Tendency: decreasing

Special phenomena: Especially in W-part: influence by fields of clouds, loc. Cb with Showers and Thund.

Outlook: Influence of a low located at north of France, risks of thunderstorms

Date/Time of origin: 19 July 2007, 09.00 LT