

Gliding Forecast for the Competition Area Lüsse

Valid for 23th of July 2007 from 10.00 to 19.00 local time

Synoptic Summary: Between a low at the Baltic Sea and a low at the Bretagne the competition area is situated at a small ridge of high pressure. With a south westerly flow outspreading fields of high and medium clouds are moving towards this area.

Warnings: In the late evening rain is moving from south west towards the Lüsse area.

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	230%10 kt	170%05 kt
1200 m	240%15 kt	200%10 kt
1800 m	240%15 kt	210%10 kt
Surface	210%05 kt	210%10 kt
Visibility	>20 km	>20 km

THERMAL ACTIVITY

Duration of soarable thermals	Starting at 11.00 LT	with surface temperature of 18°C
	Ending at 17.30 LT	Sunset at 21.15 LT
	Intensity	moderate/good Cu thermals, in the afternoon reduced 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	01-3/8 Cu	2-3/8 Cu
Base of Cu clouds	800 m GND	1400 m GND	1600 m GND
Other clouds	1-3/8 Ci	2-5/8 Ac/Ci	4-7/8 Ac/Ci
mean rates of climb	1 m/s	2 m/s	2-3 m/s
Character of thermals	blue/Cu	Cu	Cu

Maximum Temperature: 23°C

Base of significant inversion or stable layer 2800 m

Hight of 0° Isotherm: 2500 m

QNH: 1009 hPa Tendency: decreasing

Special phenomena: In the afternoon influence by fields of clouds overcasting the sky

Outlook: Cyclonal influence by two lows located at The Netherlands and Poland

Date/Time of origin: 23 July 2007, 09.00 LT