

Gliding Forecast for the Competition Area Lüsse

Valid for 21th of July 2007 from 10.00 to 19.00 local time

Synoptic Summary: The competition area is situated at the rear of a cold front passed Lüsse last night. Waves of this cold front will influence the competition area in the afternoon with fields of high and medium clouds

Warnings: During the second half of the night risks of showers and locally thunderstorms (20%)

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	280°10 kt	360°10 kt
1200 m	280°15 kt	360°05 kt
1800 m	230°20 kt	340°20 kt
Surface	280°05 kt	360°05 kt
Visibility	>20 km	>20 km

THERMAL ACTIVITY

Duration of soarable thermals	Starting at 11.00 LT		with surface temperature of 24°C
	Ending at 17.30 LT		Sunset at 21.16 LT
	Intensity	weak/moderate Cu thermals, in the reduced by cloud fieds	

	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	none	1400 m GND	1600 m GND
Other clouds	1-3/8 Ac	2-5/8 Ac/Ci	4-7/8 Ac/Ci
mean rates of climb	1 m/s	1-2 m/s	2 m/s
Character of thermals	blue/Cu	Cu	Cu

Maximum Temperature: 27°C

Base of significant inversion or stable layer 2700 m

Hight of 0° Isotherm: 3500 m

QNH: 1015 hPa Tendency: decreasing

Special phenomena: In the afternoon temporary influence by fields of clouds

Outlook: The frontal wave is developing to a small low located at NE of Poland

Date/Time of origin: 21 July 2007, 09.00 LT