

## Gliding Forecast for the Competition Area Lüsse

Valid for 15th of July 2007 from 10.00 to 19.00 local time

**Synoptic Summary:** With a south westerly direction warm and more stable air is moving towards the competition area

**Warnings:** none

### WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	150°10 kt	160°10 kt
1200 m	160°10 kt	West: 160°10 kt; East: 200°15 kt
1800 m	220°15 kt	230°20 kt
Ground	150°08 kt	160°08 kt
Visibility	15 km	20 km

### THERMAL ACTIVITY

Duration of soarable thermals	Starting at 12.00 LT	with surface temperature of 27°C	
	Ending at 18.00 LT	Sunset at 21.18 LT	
	Intensity	week/moderate blue thermals	

	When first formed	at 15.00 LT	Maximum
Top of dry thermals	800 m GND	1300 m GND	1500 m GND
Amount of Cu clouds	none	none	1-3/8 Cu
Base of Cu clouds	none	none	2000 m
Other clouds	1-3/8 Ci	1-3/8 Ci	1-3/8 Ci
mean rates of climb	1 m/s	1,5 m/s	2 m/s
Character of thermals	blue	blue	blue, locally Cu

Maximum Temperature: 32°C

Base of significant inversion or stable layer 1500 m and 2300 m

Hight of 0°- Isotherm: 3600 m

QNH: 1018 hPa      Tendency: decreasing

Special phenomena: in the afternoon locally Cb

Outlook: no significant change

Date/Time of origin: 15 July 2007, 08.30 LT