



Gliding Forecast for the Competition Area Lüsse

Valid for 30th of July 2008 from 11.00 to 19.00 local time

Synoptic Summary: During the night a weak and more inactive cold front has slowly moved into the competition area. The cloud fields of this dissolving front will influence especially the east part of the area. At the rear of the front there is a small chance for a task.

Warnings: In the afternoon locally showers

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	140°/010 kt 22°C	060°/10 kt 20°C
1200 m	140°/05 kt 14°C	220°/05 kt 14°C
3000 m	310°/10 kt 2°C	240°/15 kt 2°C
Surface	100°/08 kt	060°/08 kt
Visibility	10 km	>20 km

THERMAL ACTIVITY

Duration of soarable thermals	Starting at 13.00 LT		with surface temperature of 25°C
	Ending at 18.00 LT		Sunset at 21.02 LT
	Intensity	weak to moderate, disturbed by cloud fields	
	When first formed	at 15.00 LT	Maximum
Top of dry thermals			800 GND
Amount of Cu clouds	0-1/8 Cu	loc 2-4/8 Cu	3-5/8 Cu
Base of Cu clouds	1200 m GND	1500 m GND	1600 m GND
Other clouds	4-6/8 Sc/Ac	3-5/8 Sc/Ac/Ci	2-4/8 Sc/Ac
mean rates of climb	1-2 m/s	2-3 m/s	2-3 m/s
Character of thermals	dry	Cu	Cu/dry
Maximum Temperature:	28°C		
Base of significant inversion or stable layer	weak inversion in 2800 m		
Hight of 0°- Isotherm:	3500 m		
QNH:	1019 hPa	Tendency:	no significant change
Special phenomena:	Outspraded cloud fields, significant windshear between 1000 and 3000 m,		
Outlook:	Between two weak cold fronts there is a chance for a small window with soarable conditions		
Date/Time of origin:	30 July 2008, 07.45 LT		

