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## Gliding Forecast for the Competition Area Lüsse

Valid for 29th of July 2008 from 11.00 to 19.00 local time

**Synoptic Summary:** The north-east part of Germany is influenced by a stationary high located over Scandinavia. The general weather situation is characterised by a dry and more stable airmass.

**Warnings:** no warnings

### WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	110°/010 kt	110°/10 kt
1200 m	100°/05 kt	110°/10 kt
1800 m	100°/05 kt	vrb°/05 kt
Surface	090°/08 kt	080°/10 kt
Visibility	>20 km	>20 km

### THERMAL ACTIVITY

Duration of soarable thermals	Starting at 11.00 LT		with surface temperature of 28°C
	Ending at 19.00 LT		Sunset at 21.03 LT
	Intensity	moderate/good dry thermals, in the afternoon locally 1-2/8 Cu	
	<b>When first formed</b>	<b>at 15.00 LT</b>	<b>Maximum</b>
Top of dry thermals			2200 GND
Amount of Cu clouds	0-1/8 Cu	loc 0-2/8 Cu	1-2/8 Cu
Base of Cu clouds	2000 m GND	2100 m GND	2300 m GND
Other clouds	0-2/8 Ci	1-2/8 Ci	1-3/Ci
mean rates of climb	1-2 m/s	2-3 m/s	3-4 m/s
Character of thermals	dry	dry/Cu	Cu/dry
Maximum Temperature:	32°C		
Base of significant inversion or stable layer	2200-2600 m		
Hight of 0°- Isotherm:	3500 m		
QNH:	1018 hPa	Tendency:	no significant change
Special phenomena:			
Outlook:	In the next two days from SW a weak cold front is slowly moving into the competition area		
Date/Time of origin:	29 July 2008, 07.45 LT		

