

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

	When first formed	at 15.00 LT	Maximum
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

