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Gliding Forecast for the Competition Area Lüsse

Valid for 31th of July 2008 from 11.00 to 19.00 local time

Synoptic Summary: Between a low over U.K. and an area of high pressure located over the west part of Scandinavia and East Europe a dry and more stable continental airmass is influencing the Lüsse area.

Warnings: In the west part of the Thüringen area locally showers and thunderstorms

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	110°/10 kt 20°C	080°/10 kt 22°C
1200 m	vrbl/05 kt 15°C	100°/10 kt 16°C
1800 m	vrbl/05 kt 2°C	vrbl°/05 kt 4°C
Surface	080°/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 20.56 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 1-2/8 Cu	1-3/8 Cu
Base of Cu clouds	2000 m GND	2100 m GND	2300 m GND
Other clouds	1-2/8 Ci	2-4/8 Ci	2-4/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	2800 m and 4000 m		
Hight of 0°- Isotherm:	3500 m		
QNH:	1019 hPa	Tendency:	no significant change
Special phenomena:	In the afternoon strong easterly wind between ground and 1000 m		
Outlook:	Tomorrow a frontal system located over U.K. will move into the competition area		
Date/Time of origin:	31 July 2008, 07.45 LT		

