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Gliding Forecast for the Competition Area Lüsse

Valid for the 15th of August 2008 from 11.00 to 18.00 local time

Synoptic Summary: In front of a trough over Central Europe a cyclogenetic process was going on. In the upper levels with a southerly flow warm air is moving northward. Due to this upslope process multilayered clouds and precipitation will be developed.

Warnings: Icing conditions in the upper levels above FL 85

WINDS AND TEMPERATURES

Height (m)	in the morning	Changes during the day
600 m	020°/14 kt 14°C	360°/15 kt 14°C
1200 m	020°/15 kt 10°C	360°/15 kt 9°C
1800 m	020°/20 kt 5°C	030°/20 kt 6°C
Surface	020°/05kt gusts 10 kt	340°/12 kt gusts 15 kt
Visibility	>20 km	> 20 km

THERMAL ACTIVITY

Duration of soarable thermals			
	Intensity	no soarable thermals	
	When first formed	at 15.00 LT	Maximum
Top of dry thermals			
Amount of Cu clouds			
Base of Cu clouds			
Other clouds	6-8/8 Ac/As, Ns	6-8/8 SC, Ac/As, Ns	8/8 Sc, Ac/As, Nsi
mean rates of climb			
Character of thermals			
Maximum Temperature:	20°C		
Base of significant inversion or stable layer	no significant inversion		
Height of 0°- Isotherm:	2800 m		
QNH:	1011 hPa (02 pm LT)	Tendency:	decreasing
Special phenomena:	Influence of fields of multilayered clouds, temporary rain		
Outlook:	At the rear of a low located over the Baltic Sea fresh air with soarable conditions		
Date/Time of origin:	15 August 2008, 08.30 LT		

