

Gliding Forecast for the Competition Area Lüsse

Valid for 18th of July 2007 from 10.00 to 19.00 local time

Synoptic Summary:

Between low pressure at U.K. and Norway and high pressure at South East Europe the competition area is situated in a south westerly flow. A convergency line embedded parallel to the isobars in this flow and moving very slowly to the east is influencing the competition area.

Warnings:

In the east part locally Cb with showers and thunderstorms (20%)

WINDS AND TEMPERATURES

Hight (m)	in the morning	Changes during the day
600 m	East: 180°/10 kt; West: 260°/10 kt	270°/10 kt
1200 m	East: 210°/15 kt; West: 240°/15 kt	270°/10 kt
1800 m	220°/15 kt	260°/15 kt
Surface	150°/05 kt	270°/05 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 19.00 LT	Sunset at 21.17 LT	
	Intensity	moderate Cu thermals, timely reduce by cloud fields	

	When first formed	at 15.00 LT	Maximum
Top of dry thermals	800 m GND	1600 m GND	1800 GND
Amount of Cu clouds	0-2/8 Cu	1-3/8 Cu	2-4/8 Cu
Base of Cu clouds	1200 m GND	1400 m GND	1600 m GND
Other clouds	4-6/8 Ac	3-5/8 Ac	2-4/8 Ac
mean rates of climb	1 m/s	2 m/s	2-3 m/s
Character of thermals	blue/Cu	Cu	Cu

Maximum Temperature: 25°C

Base of significant inversion or stable layer 2700 m

Hight of 0° Isotherm: 3000 m

QNH: 1018 hPa Tendency: no significant change

Special phenomena: Especially in east part influence by fields of medium clouds, loc. Cb and Showers

Outlook: A weak ridge of high presure with soarable conditions

Date/Time of origin: 18 July 2007, 09.00 LT