

## Gliding Forecast for the Competition Area Lüsse

**Valid for 24th of July 2007 from 10.00 to 19.00 local time**

**Synoptic Summary:** The competition area is influenced by a small low situated over the Netherlands moving northeast. The occluded coldfront has crossed last night to the northeast. A moist and unstable airmass is coming in from the southwest with strong winds.

**Warnings:** strong westerly winds with gusts up to nearly 40 knots.

### WINDS AND TEMPERATURES

| Hight (m)  | in the morning | Changes during the day |
|------------|----------------|------------------------|
| 600 m      | 210°25 kt      | 200°20 kt              |
| 1200 m     | 240°25 kt      | 240°35 kt              |
| 1800 m     | 230°25 kt      | 240°35 kt              |
| Surface    | 220°15 kt      | 230°15 G 35 kt         |
| Visibility | >20 km         | >20 km                 |

### THERMAL ACTIVITY

|                               |           |  |
|-------------------------------|-----------|--|
| Duration of soarable thermals |           | thermals not usable due to strong winds and strong convective activity |
|                               | Intensity |  |

|                       | When first formed | at 15.00 LT | Maximum |
|-----------------------|-------------------|-------------|---------|
| Top of dry thermals   |                   |             |         |
| Amount of Cu clouds   |                   |             |         |
| Base of Cu clouds     |                   |             |         |
| Other clouds          |                   |             |         |
| mean rates of climb   |                   |             |         |
| Character of thermals |                   |             |         |

Maximum Temperature: 21°C

Base of significant inversion or stable layer none

Hight of 0°- Isotherm: 2600 m

QNH: 999 hPa Tendency: decreasing

Special phenomena: ocnl showers, isolated thunderstorms

Outlook: still strong westerly winds, slowly increasing pressure in the afternoon.

Date/Time of origin: 24 July 2007, 09.00 LT