



# Met-info 2009.08.13.

Synoptic situation: S side of a slowly moving front

Warning: LOC SH TS

| LT               |                  | 08:00-10:00 | 10:00-12:00  | 12:00-14:00  | 14:00-16:00 | 16:00-18:00    |
|------------------|------------------|-------------|--------------|--------------|-------------|----------------|
| Wind<br>[°, m/s] | GND              | 250-260/1-2 | 260-270/2-3  | 270-280/2-3  | 270-280/2-3 | 270-280/2-3    |
|                  | 500m             | 270-280/3-4 | 280-290/4-5  | 280-290/4-5  | 270-280/4-5 | 270-280/3-4    |
|                  | 1000m            | 290-300/6-7 | 280-290/5-6  | 280-290/4-5  | 280-290/3-4 | 270-280/2-3    |
|                  | 1500m            | 300-310/7-8 | 290-300/6-7  | 280-290/5-6  | 270-280/4-5 | 270-280/4-5    |
|                  | 2000m            | 310-320/7-8 | 300-310/7-8  | 290-300/6-7  | 290-300/5-6 | 270-280/5-6    |
| Thermals         | Type:            |             | FM1145 BUBLE | BUB LOC CHIM | CHIMNEY     | CHIM-TL1730BUB |
|                  | Avg climb [m/s]: |             | 0.8-1.2      | 1.2-1.5      | 1.8-2.0     | 1.8---1.2      |
|                  | Max climb [m/s]: |             | 1.5          | 1.8          | 2.4         | 1.6            |

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|---------------------|-------------|-------------|-------------|-------------|-------------|
| Cu base [m]:        | -           | 1400        | 1500-1700   | 1800-1900   | 2000        |
| Convection [m]:     | -           | 1600        | 2000        | 2200        | 2400        |
| Cu amount:          | -           | 1-2/8       | 2-3/8       | 3-4/8       | 1-2/8       |
| Trigger temp. [°C]: | 25.5        |             |             |             |             |
| Max. temp. [°C]:    | 21-23       | 24-26       | 27-29       | 28-29 (31)  | 27-24       |
| Lapse rate [°/100m] | 0.74        | 0.85        | 0.99        | 0.99        | 0.8         |
| QNH [hPa]:          | 1015        |             |             |             |             |
| Other clouds:       | 2-3/8Ac,Ci  | 2-3/8Ac,Ci  | 2-3/8Ac,Ci  | 2-3/8Ac,Ci  | 2-3/8Ac,Ci  |
| Visibility [km]:    | 15-20       | 20-25       | 20-25       | 20-25       | 15-20       |