



Met-info 2009.08.02.

Synoptic situation: Rear side of an anticyclone and an upper level ridge, warm advection.

Warning: Hot summer day.

LT		08:00-10:00	10:00-12:00	12:00-14:00	14:00-16:00	16:00-18:00
Wind [° , m/s]	GND	140-150/2-3	140-150/3-4	130-140/3-4	120-130/2-3	90-120/2-3
	500m	170-180/6-7	160-170/4-5	140-150/4-5	130-140/3-4	120-130/3-4
	1000m	170-180/6-7	160-170/4-5	140-150/4-5	130-140/3-4	120-130/3-4
	1500m	190-200/5-6	180-190/4-5	170-180/4-5	170-180/4-5	160-170/4-5
	2000m	190-200/5-6	180-190/5-6	180-190/5-6	180-190/5-6	180-190/5-6
Thermals	Type:		FM1215BUB	BUB LOC CHIM	BUB LOC CHIM	TL1745BUB
	Avg climb [m/s]:		-	1.4-1.6	1.8-2.0	1.2
	Max climb [m/s]:		-	2.0	2.5	1.5

LT	08:00-10:00	10:00-12:00	12:00-14:00	14:00-16:00	16:00-18:00
Cu base [m]:	-	-	2200-2300	2300-2400	2500
Convection [m]:	-	-	2300	2400	2500
Cu amount:	-	-	0-1/8	1-2/8	0-1/8
Trigger temp. [°C]:	31.5				
Max. temp. [°C]:	25-28	29-31	32-24	35	33-29
Lapse rate [°/100m]	0.81	8.85	0.99	0.99	0.84
QNH [hPa]:	1014				
Other clouds:	-	-	-	-	-
Visibility [km]:	15-20	20-25	20-25	20-25	15-20