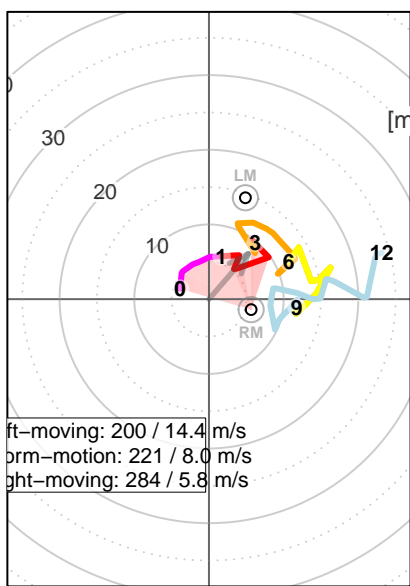
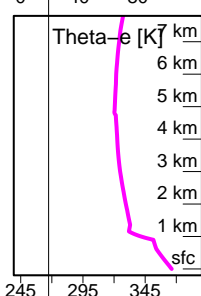
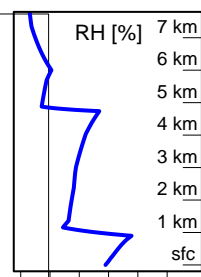
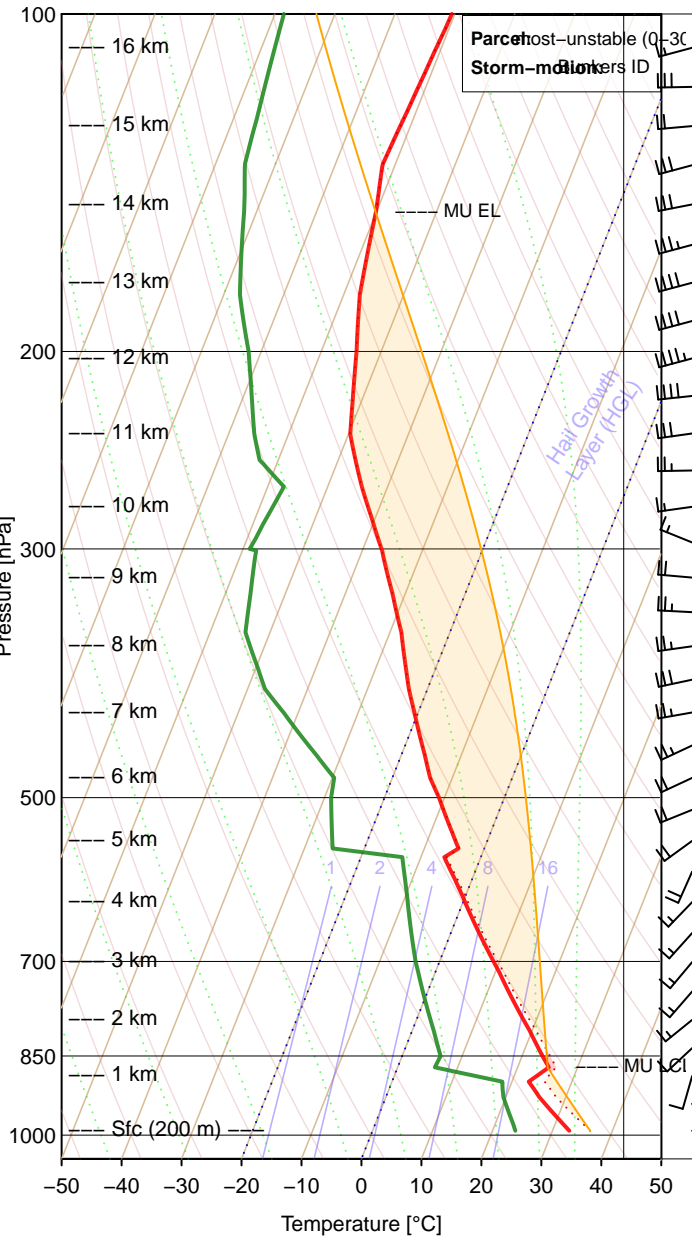


Vienna – 23 August 2011, 12:00 UTC

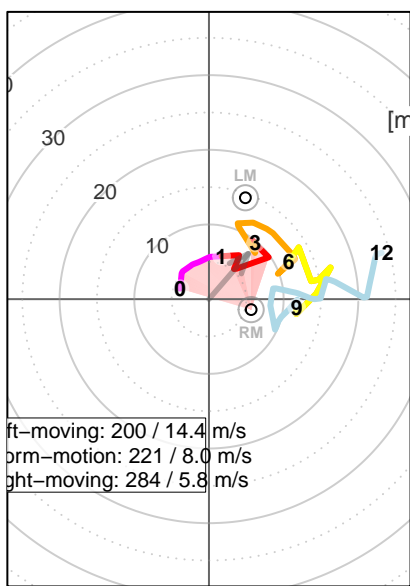
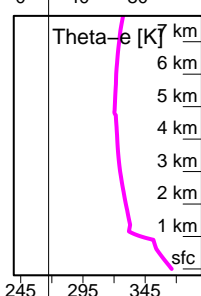
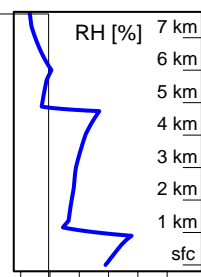
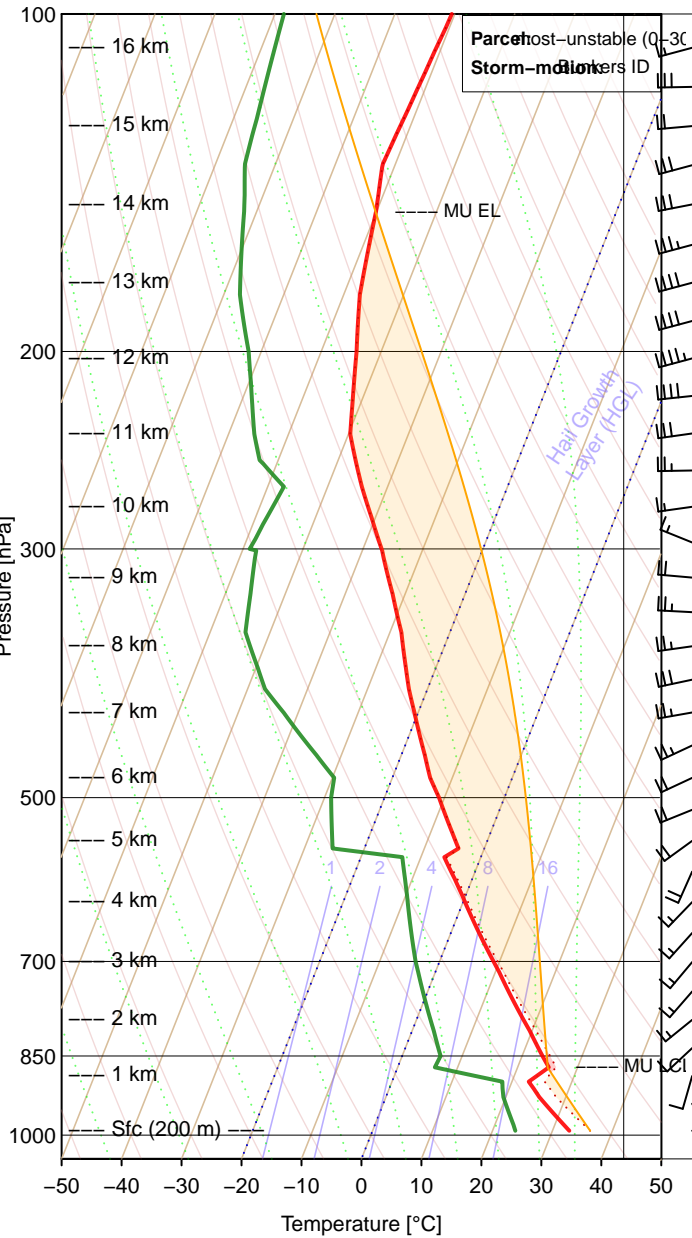


	MIXCAPE	CAPE	CAPE	CAPE	HGIN	LI	LCL	LCF	EL	WMAX	SH
	[g/kg]	[J/kg]	[J/kg]	[J/kg]	[J/kg]	[K]	[m]	[m]	[m]	[m/s]	[m/s]
SB	19.1	5995	181	1522	-10	-141	1551	4801	3900	644	E 191
MU	19.1	5995	181	1522	-10	-141	1551	4801	3900	644	E 191
ML	17.7	5030	122	1356	-30	-131	2401	7601	3530	506	E 172

Wind shear	SRH	SRH	LM	Mean wind	Lapse rate
[m/s]	[m/s]	[m/s]	[m/s]	[m/s]	[K/km]
c - 1 km: 5.1	c - 100 m: 21	c - 1 km: 16	Sfc - 1 km: 4.5	Sfc - 1 km: 9.1	
c - 3 km: 5.1	c - 500 m: 35	c - 1 km: 12	Sfc - 2 km: 4.5	Sfc - 3 km: 7.9	
c - 6 km: 15.5	Sfc - 1 km: 73	-15	c - 3 km: 8.4	3 - 6 km: 7.6	
c - 8 km: 19.5	Sfc - 3 km: 94	-63	Sfc - 6 km: 8.0	700 hPa: 7.4	
c - HGL: 13.7					

Precip. water	Moisture flux	SHIP
[mm]	[g/s/m ²]	
ec. (SB): 17.5	131	2.4
ec. (MU): 17.5	5 km RH [%]: 42	9.8
ec. (ML): 17.2	2 km RH [%]: 150	1.0

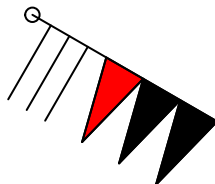
Vienna – 23 August 2011, 12:00 UTC



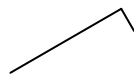
	MIXCAPE	CAPE	CAPE	CAPE	HGIN	LI	LCL	LCF	EL	WMAX	SH
	[g/kg]	[J/kg]	[J/kg]	[J/kg]	[J/kg]	[K]	[m]	[m]	[m]	[m2/s2]	
SB	19.1	5995	181	1522	-10	-141	1551	4801	3900	644	E 191
MU	19.1	5995	181	1522	-10	-141	1551	4801	3900	644	E 191
ML	17.7	5030	122	1356	-30	-131	2401	7601	3530	506	E 172

k	wind shear [m/s]	SRH	SRH	LM	Mean wind [m/s]	Lapse rate [K/km]	
sfc - 1 km:	21	100 m:	21	16	Sfc - 1 km:	4.5	
sfc - 3 km:	35	sfc - 500 m:	35	12	Sfc - 2 km:	4.5	
sfc - 6 km:	73	Sfc - 1 km:	73	-15	sfc - 3 km:	8.4	
sfc - 8 km:	94	Sfc - 3 km:	94	-63	Sfc - 6 km:	8.0	
sfc - HGL:	13.7					0700 hPa:	7.4

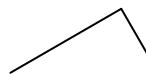
ec. (SB)	Precip. water [mm]	Moisture flux [g/s/m2]	SHIP
17.5	13.5	57	2.4
ec. (MU)	5 km RH [%]	DCAPE [J/kg]	SCP
17.5	42	135	9.8
ec. (ML)	2 km RH [%]	delta theta-e [K]	STP
17.2	150	40	1.0



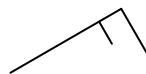
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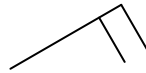
10



15



20



25



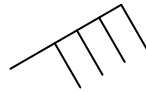
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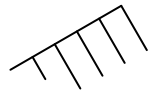
35



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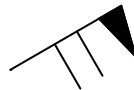
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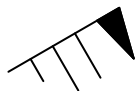
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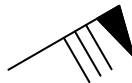
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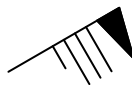
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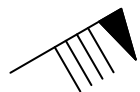
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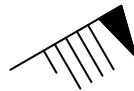
85



90



95



100



105



110



115



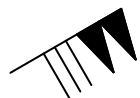
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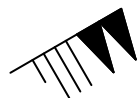
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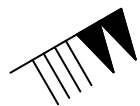
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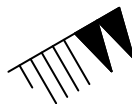
135



140



145



150



155



160



165



170



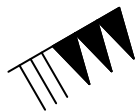
175



180



185



190

