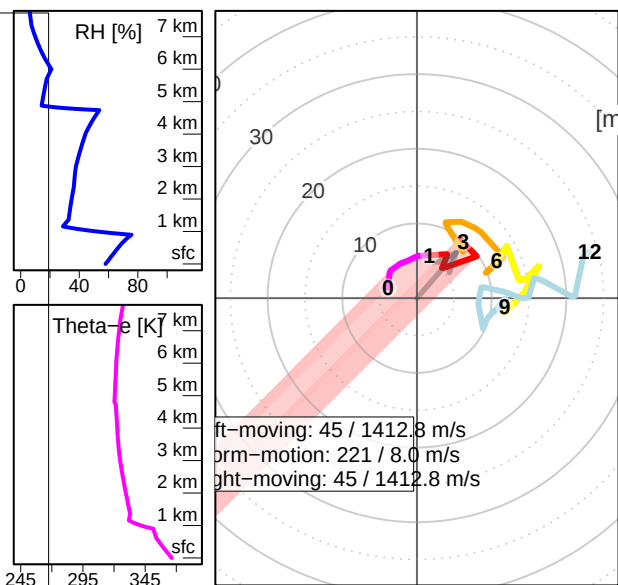
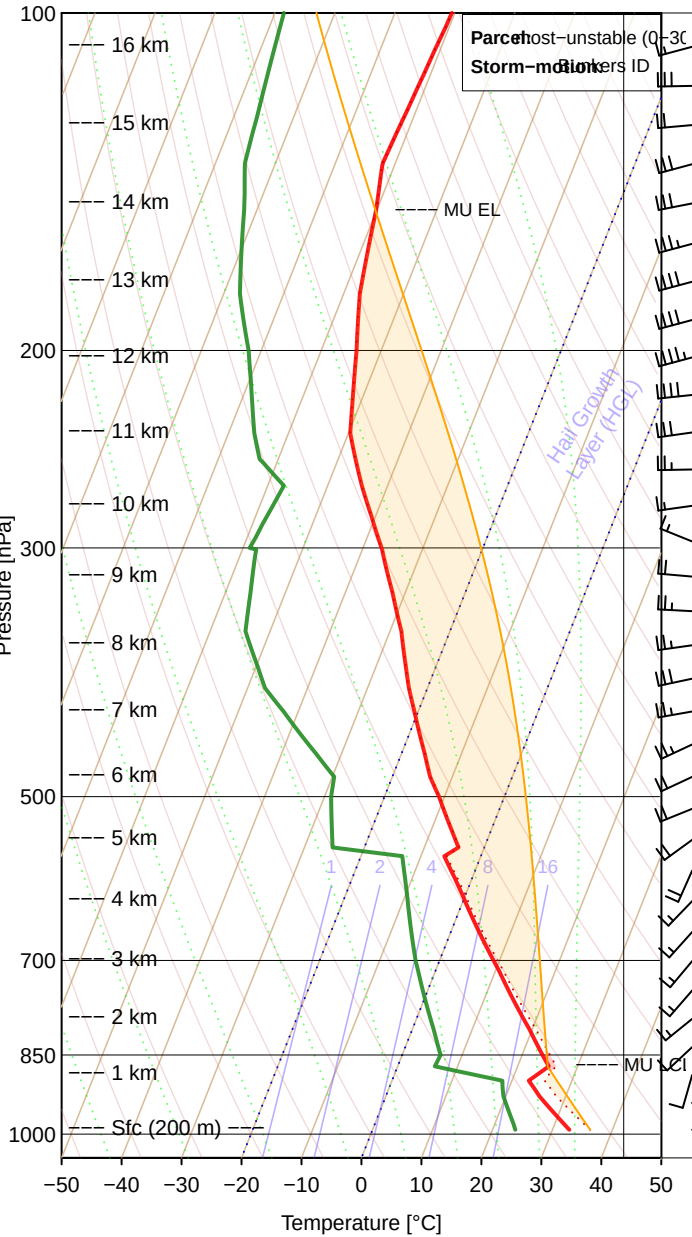
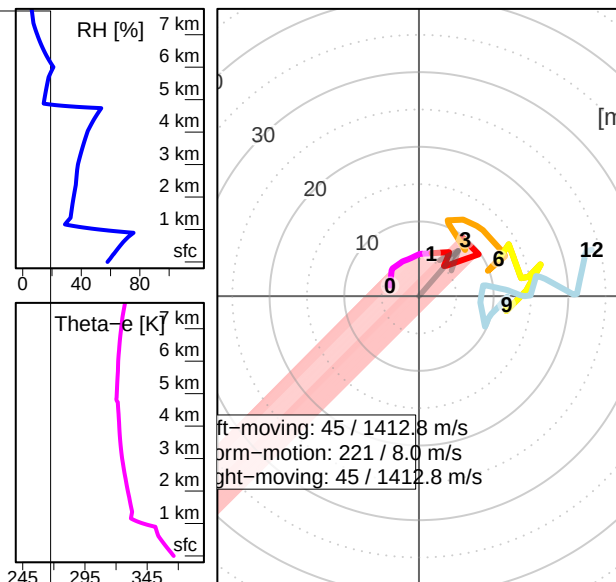
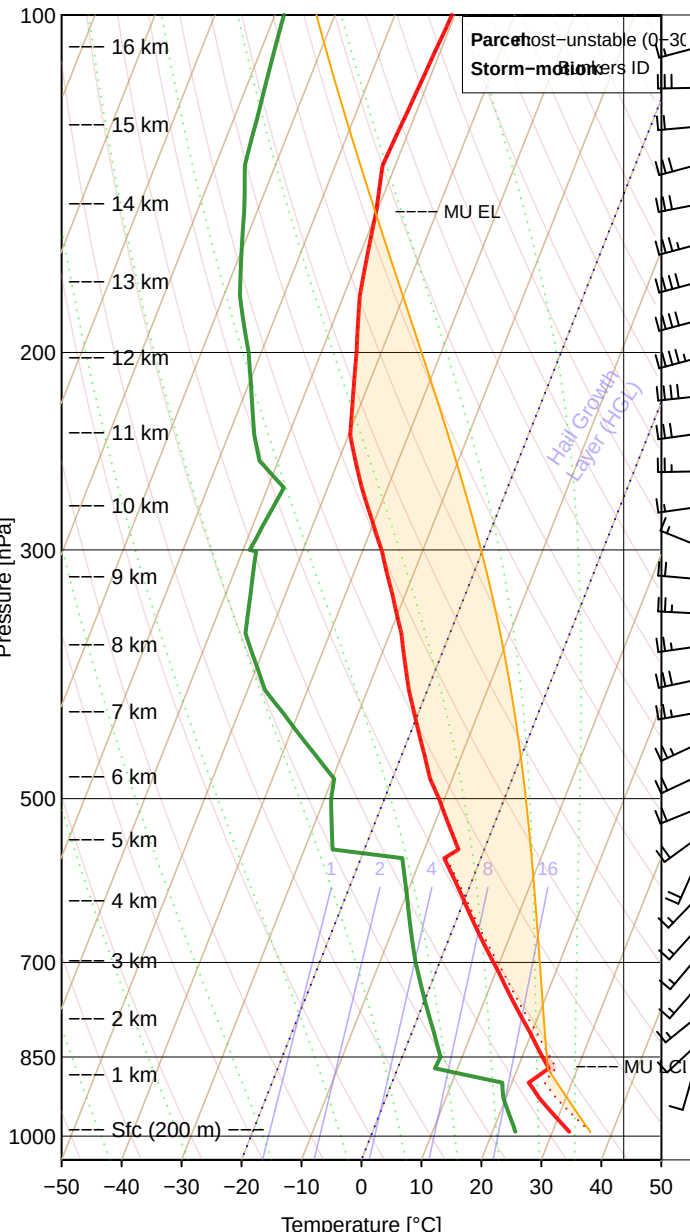


Vienna – 23 August 2011, 12:00 UTC

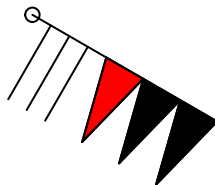


MIXCAPECAPECAPEHGL LCL LFC EL WMAXSHE									
[g/kg][J/kg][J/kg][J/kg][J/kg][K][m][m][m][m2/s2]									
SB	19.1	5995181	1522	-10	-1411551480139001644E	191			
MU	19.1	5995181	1522	-10	-1411551480139001644E	191			
ML	17.7	5030122	1356	-30	-1312401760135301506E	172			
k wind shear [m/s]		SRH RSRH LM [m2/s2][m2/s2]		Mean wind [m/s]		Lapse rate [K/km]			
c - 1 km: 5.1		c - 100 m: -1916 -1916		c - 1 km: 4.8		c - 1 km: 9.1			
c - 3 km: 1.6		c - 500 m: -1641 -1641		c - 2 km: 4.9		c - 3 km: 7.9			
c - 6 km: 15.0		c - 1 km: 1327 1327		c - 3 km: 8.4		3 - 6 km: 7.6			
c - 8 km: 19.0		c - 3 km: 4071 4071		c - 6 km: 8.0		700 hPa: 7.4			
c - HGL: 13.7									
ec. (SB): 17.5		Precip. water [mm]: 13.5		Moisture flux [g/s/m2]: 57		SHIP: 2.4			
ec. (MU): 17.5		5 km RH [%]: 42		6 km DCAPE [J/kg]: 1355		SCP: 426.			
ec. (ML): 19.2		2 km RH [%]: 150		delta theta-e [K]: 40		STP: -47.			

Vienna – 23 August 2011, 12:00 UTC



	MIXRCAPE	CAPE	OC	CAPEH	GIN	LI	LCL	LFC	EL	WMA	XSHP
	[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	1644	E 191
MU	19.1	5995	181	1522	-10	-141	1551	4801	3900	1644	E 191
ML	17.7	5030	122	1356	-30	-131	2401	7601	3530	1506	E 172
κ	wind shear			SRH	SRH	LM		Mean wind		Lapse rate	
	[m/s]			[m2/s2]	[m2/s2]			[m/s]		[K/km]	
c - 1 km:	51c	- 100 m:	-1916	-1516	- 1 km:	4.8	51c - 1 km:	9.1			
c - 3 km:	51c	- 500 m:	-1641	-1641	- 2 km:	4.9	51c - 3 km:	7.9			
c - 6 km:	155c	- 1 km:	1327	1327	- 3 km:	8.4	3 - 6 km:	7.6			
c - 8 km:	195c	- 3 km:	4071	4071	- 6 km:	850	0700 hPa:	7.4			
c - HGL:	13.7										
ec. (SB):	17.5	Precip. water [mm]	104	Moisture flux [g/s/m2]:	57					SHIP:	2.4
ec. (MU):	17.5	5 km RH [%]:	42	2 km DCAPE [J/kg]:	135					SCP:	426
ec. (ML):	17.2	2 km RH [%]:	45	50 delta theta-e [K]:	40					STP:	-47



5



10



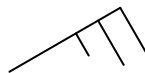
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20



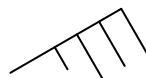
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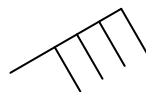
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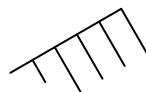
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40



45



50



55



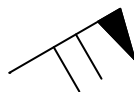
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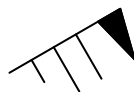
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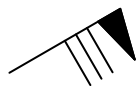
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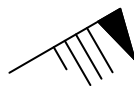
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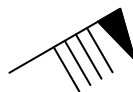
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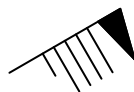
85



90



95



100



105



110



115



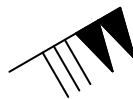
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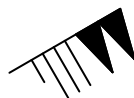
125



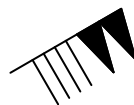
130



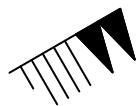
135



140



145



150



155



160



165



170



175



180



185



190

