



**THERMODYNAMIC PARAMETERS**

500 mb PARCEL			
LPL:	500mb	-11C/ -11C	12F/ 12F
CAPE:	3 J/kg	LI:	M
BFZL:	0 J/kg	LImin:	-0 C @ 450mb
CINH:	0 J/kg	CAP:	0 C @ 475mb
<u>LEVEL</u>	<u>PRES</u>	<u>HGT(AGL)</u>	<u>TEMP</u>
LCL	500mb	16013ft	
LFC	495mb	16263ft	-12 C
EL	425mb	20023ft	-20 C
MPL	419mb	20369ft	
Precip Water:	0.80 in	Mean RH:	81 %
Mean Q:	3.9 g/kg	Mean LRH:	92 %
Top of Moist Layer:	M / M		
700-500mb Lapse Rate:	10 C / 3.8 C/km		
850-500mb Lapse Rate:	9 C / 2.1 C/km		
Total Totals:	17	K-Index:	5
SWEAT Index:	285	Max Temp:	48 F
ThetaE Diff:	38 C	*Conv Temp:	36 F
FRZ Level:	917 ft	WBZ Level:	625 ft

**KINEMATIC PARAMETERS**

Sfc - 6 km Mean Wind:	305 / 85 kt	(44 m/s)
LFC - EL Mean Wind:	304 / 93 kt	(48 m/s)
850 - 300 Mean Wind:	303 / 57 kt	(29 m/s)
Sfc - 2km Shear:	35 kt	(18 m/s)
Sfc - 6km Shear:	94 kt	(48 m/s)
*BRN Shear:	41 m2/s2	

**STORM STRUCTURE PARAMETERS**

Sfc - 3km SREH:	298 m2/s2		
Effective SREH:	M		
0-2 km SRW:	29 kt	EHI:	0.0
4-6 km SRW:	60 kt	BRN:	0
6-10 km SRW:	84 kt		