



THERMODYNAMIC PARAMETERS

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*** MOST UNSTABLE PARCEL ***
LPL: 617mb -7C/-20C 18F/-5F

CAPE = 0 J/KgLI(500mb) = 7C
BFZL = 0 J/KgLImin = 7C / 500mb
CINH = 0 J/KgCap = M / M

LEVEL PRES HGT (AGL) TEMP
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LCL 501mb 17925ft
LFC M M M
EL 501mb 17925ft -16C
MPL 501mb 17925ft

P. Water = 0.23 in Mean RH = 20 %
Mean W = 3.0g/Kg Mean LRH = 42 %
Top of Moist Lyr = M / M

700-500mb Lapse Rate = 14 C / 5.6 C/Km
850-500mb Lapse Rate = 20 C / 4.9 C/Km

Total Totals = 12 K-Index = -26
SWEAT Index = 57 Max Temp = 56F
ThetaE Diff = 38C Conv Temp = M
WBZ level = M FGZ level = M
    
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KINEMATIC PARAMETERS

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MEAN WIND
Sfc - 6 km_354 / 19 kt (10 m/s)
LFC - EL_354 / 20 kt (10 m/s)
850 - 200 mb_342 / 25 kt (13 m/s)

ENVIRONMENTAL SHEAR
LAYER_DELTA V_TOT SHR
Low - 3 km_17 kt ( 9 m/s)_29
Sfc - 2 km_18 kt ( 9 m/s)_46
Sfc - 6 km_32 kt ( 16 m/s)_27
Sfc - 12 km_63 kt ( 33 m/s)_27
BRN Shear = 27 m2/s2
    
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STORM STRUCTURE PARAMETERS

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Sfc - 3km SREH = 61 m2/s2
Eff. SREH = M
EHI = MBRN = 0

----- SR WINDS -----
LAYER_VECTOR
Sfc - 2 km_219 / 19 kt ( 10 m/s)
4 - 6 km_288 / 18 kt ( 9 m/s)
9 - 11 km_296 / 42 kt ( 22 m/s)
    
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