

```

TITLE%
VEF 210709/0000

LEVEL HGHT TEMP DWPT WDIR WSPD
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%END%

----- Parcel Information-----
*** 100mb MIXED LAYER PARCEL ***
LPL: P=928 T=108F Td=50F
MLCAPE: 897 J/kg
MLCINH: -6 J/kg
MLLI: -4 C
MLLI(300mb): -4 C
3km MLCAPE: 0 J/kg
NCAPE: 0.11 m/s2

MLLCL: 585mb 3988m
MLLFC: 585mb 3988m
MLEL: 192mb 12065m
MLMPL: 107mb 15619m
All heights AGL

*** MU PARCEL IN LOWEST 400mb ***
LPL: P=903 T=103F Td=52F
MUCAPE: 1254 J/kg
MUCINH: 0 J/kg
MULI: -5 C
MULI(300mb): -5 C
3km MUCAPE: 0 J/kg
NCAPE: 0.14 m/s2

MULCL: 604mb 3735m
MULFC: 604mb 3735m
MUEL: 167mb 12944m
MUMPL: 97mb 16172m
All heights AGL

*** SFC PARCEL ***
LPL: P=928 T=113F Td=43F
SBCAPE: 325 J/kg
SBCINH: 0 J/kg
SBLI: -3 C
SBLI(300mb): -2 C
3km SBCAPE: 0 J/kg
NCAPE: 0.05 m/s2

SBLCL: 532mb 4756m
SBLFC: 532mb 4756m
SBEL: 223mb 11089m
SBMPL: 154mb 13442m
All heights AGL

----- Misc Thermodynamic Parameters -----
Melting Level: 14626.6
Conv Temp: 45.0
WBZ height: 13305.1
DCAPE: 2083.5

----- Moisture -----
Precip Water: 1.17 in
0-1 km mean W: 8.4 g/Kg
0-3 km mean W: 7.6 g/Kg
SFC-850 mb mean W: 8.4 g/Kg

500 mb W: 3.7 g/Kg
700 mb W: 6.4 g/Kg
850 mb W: 8.4 g/Kg
925 mb W: 6.9 g/Kg
SFC RH: 9 %

-----Delta T and Lapse Rates -----
700-500mb 24 C 8.8 C/km
850-500mb 41 C 9.2 C/km
0-3 km 33 C 10.8 C/km
3-6 km 26 C 8.8 C/km

----- Vertical Shear -----
0-1 km BWD 1 kt
0-3 km BWD 2 kt
0-6 km BWD 12 kt
0-6 km mean wind 3.7 kt

----- Storm Relative Winds/Shear -----
Bunkers storm motion 267/17 kt
0-1 km SRH 4 ms/s2
0-3 km SRH 2 ms/s2

----- Effective Inflow Layer Parameters -----
Effective inflow base 0 m AGL
Effective inflow top 2046 m AGL
Effective SRH -4 ms/s2
Effective BWD -14 kt

----- Composite Parameters -----
Effective-layer SCP -0.0
Effective-layer STP -0.0
Fixed-layer STP 0.0
SHIP 0.1

----- Fire Weather -----
Fosberg Index 24

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