

Table with columns: LEVEL, HGT, TEMP, DWPT, WDIR, WSPD. Contains a large list of numerical data points representing atmospheric conditions at various levels.

Parcel Information

*** 10mb MIXED LAYER PARCEL ***
LPL: P=929 T=103F Td=24F
MFCAPE: 0 J/kg
MFCINH: 0 J/kg
MULI: 7 C
MULI(300mb): 8 C
3km MFCAPE: 0 J/kg
NCAPE: 0.00 m/s2
MILLCL: 493mb 5319m
MILLFC: -9999mb -9999m
MUEL: 493mb 5319m
MUMPL: 493mb 5319m
All heights AGL
*** MU PARCEL IN LOWEST 400mb ***
LPL: P=929 T=105F Td=35F
MFCAPE: 0 J/kg
MFCINH: 0 J/kg
MULI: 4 C
MULI(300mb): 4 C
3km MFCAPE: 0 J/kg
NCAPE: 0.00 m/s2
MILLCL: 529mb 4765m
MILLFC: -9999mb -9999m
MUEL: 529mb 4765m
MUMPL: 529mb 4765m
All heights AGL
*** SFC PARCEL ***
LPL: P=929 T=105F Td=35F
SBCAPE: 0 J/kg
SBCINH: 0 J/kg
SBLI: 4 C
SBLI(300mb): 4 C
3km SBCAPE: 0 J/kg
NCAPE: 0.00 m/s2
SBLCL: 529mb 4765m
SBLFC: -9999mb -9999m
SBEL: 529mb 4765m
SBMPL: 529mb 4765m
All heights AGL

----- Misc Thermodynamic Parameters -----

Melting Level: 15164.5
Conv Temp: 49.4
WBZ height: 10104.4
DCAPE: 2189.7

----- Moisture -----

Precip Moist: 0.48 in
0-1 km mean W: 3.0 g/Kg
0-3 km mean W: 3.3 g/Kg
SFC-850 mb mean W: 2.9 g/Kg
500 mb W: 0.1 g/Kg
700 mb W: 3.6 g/Kg
850 mb W: 3.5 g/Kg
925 mb W: 2.4 g/Kg
SFC RH: 8 %

-----Delta T and Lapse Rates -----

700-500mb 18 C 6.8 C/km
850-500mb 35 C 7.9 C/km
0-3 km 30 C 10.1 C/km
3-6 km 21 C 6.9 C/km

----- Vertical Shear -----

0-1 km BWD 5 kt
0-3 km BWD 13 kt
0-6 km BWD 19 kt
0-6 km mean wind 4.2 kt

----- Storm Relative Winds/Shear -----

Buhrs storm motion 328/17 kt
0-1 km SRW 16 ms/s2
0-3 km SRW 62 ms/s2

----- Effective Inflow Layer Parameters -----

Effective inflow base 17 m AGL
Effective inflow top 17 m AGL
Effective SRW -9999 ms/s2
Effective BWD 10 kt

----- Composite Parameters -----

Effective-layer RCH 0.0
Effective-layer STP 0.0
Fixed-layer STP 0.0
SRIP 0.0

----- Fire Weather -----

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