

Table with columns: LEVEL, HGHT, TEMP, DWPT, WDIR, WSPD. Contains a large list of numerical data points for various levels and heights.

Parcel Information

*** 10mb MIXED LAYER PARCEL ***
LPL: P=931 T=107F Td=23F
MIXCAP: 0 J/kg
MIXINH: 0 J/kg
MIXLI(300mb): 8 C
3km MIXCAP: 0 J/kg
NCAPE: 0.00 m/s2
MILCL: 433mb 6356m
MULFC: -9999mb -9999m
MUEL: 433mb 6356m
MIMPL: 433mb 6356m
All heights AGL

MU PARCEL IN LOWEST 400mb

LPL: P=931 T=110F Td=23F
MIXCAP: 0 J/kg
MIXINH: 0 J/kg
MIXLI(300mb): 2 C
3km MIXCAP: 0 J/kg
NCAPE: 0.00 m/s2
MILCL: 465mb 5818m
MULFC: -9999mb -9999m
MUEL: 465mb 5818m
MIMPL: 465mb 5818m
All heights AGL

SFC PARCEL

LPL: P=931 T=110F Td=23F
SBCAPE: 0 J/kg
SBCINH: 0 J/kg
SBLI(300mb): 4 C
3km SBCAPE: 0 J/kg
NCAPE: 0.00 m/s2
SBLCL: 465mb 5818m
SBLFC: -9999mb -9999m
SUEL: 465mb 5818m
SBMPL: 465mb 5818m
All heights AGL

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

Melting Level: 14587.4
Conv Temp: 53.2
WZ height: 10399.4
DCAPE: 2695.3

----- Moisture -----

Precip Water: 0.23 in
0-1 km mean W: 1.8 g/Kg
0-3 km mean W: 1.5 g/Kg
SFC-850 mb mean W: 2.0 g/Kg
500 mb W: 0.2 g/Kg
700 mb W: 1.4 g/Kg
850 mb W: 1.3 g/Kg
925 mb W: 2.4 g/Kg
SFC RH: 4 %

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

700-500mb 24 C 8.4 C/km
850-500mb 40 C 9.0 C/km
0-3 km 31 C 10.2 C/km
3-6 km 27 C 8.9 C/km

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

0-1 km BWD 6 kt
0-3 km BWD 19 kt
0-6 km BWD 20 kt
0-6 km mean wind 8.5 kt

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

Bunkers storm motion 48/15 kt
0-1 km SRW 6 m/s2
0-3 km SRW 43 ms/s2

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

Effective inflow base 16 m AGL
Effective inflow top 16 m AGL
Effective SRH -9999 ms/s2
Effective BWD 6 kt

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

Effective-layer SCF 0.0
Effective-layer STP 0.0
Fixed-layer STP 0.0
SHIP 0.0

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

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