

```

VEF 240708/0000
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LEVEL      HGHT      TEMP      DWPT      WDIR      WSPD
-----
%RAW%
1000.00,   -11.00,  -9999.00, -9999.00, -9999.00, -9999.00
928.00,    697.00,   46.00,   -3.00,   305.00,    6.99
925.00,    723.00,   45.40,   -3.60,   310.00,   14.01
916.00,    813.80,   43.20,   -5.80, -9999.00, -9999.00
908.00,    894.79,   42.34,   -6.66,   315.00,   10.99
903.00,    945.77,   41.80,   -7.20, -9999.00, -9999.00
893.00,   1047.55,  40.80,   -8.20,   305.00,    4.00
885.00,   1129.79,  39.99,   -9.01,   285.00,    6.99
878.00,   1202.36,  39.28,   -9.72,   290.00,    8.99
869.00,   1296.53,  38.35,  -10.65,   275.00,   10.99
860.00,   1391.68,  37.42,  -11.58,   280.00,    8.99
856.00,   1434.28,  37.00,  -12.00, -9999.00, -9999.00
850.00,   1498.00,  36.40,  -12.60,   250.00,    6.99
838.00,   1625.98,  35.18,  -13.82,   200.00,    2.99
824.00,   1777.63,  33.73,  -15.27,   255.00,    2.00
810.00,   1931.88,  32.25,  -16.75,   325.00,    2.00
802.00,   2021.22,  31.40,  -17.60, -9999.00, -9999.00
795.00,   2097.97,  30.64,  -17.65,   105.00,    0.99
779.00,   2275.94,  28.88,  -17.77,    0.00,    6.00
763.00,   2457.61,  27.08,  -17.89,   350.00,    6.99
747.00,   2643.13,  25.24,  -18.02,   20.00,    4.99
720.00,   2965.40,  22.04,  -18.23,    0.00,   10.99
700.00,   3212.00,  19.60,  -18.40,   330.00,   12.00
698.00,   3236.34,  19.38,  -18.34,   320.00,   12.00
683.00,   3421.12,  17.69,  -17.92,   330.00,   15.00
676.00,   3508.74,  16.89,  -17.72,   315.00,   13.00
668.00,   3610.00,  15.97,  -17.49,   310.00,   16.01
663.00,   3673.90,  15.39,  -17.35,   315.00,   18.01
658.00,   3738.29,  14.80,  -17.20, -9999.00, -9999.00
651.00,   3827.62,  14.01,  -18.27,   305.00,   19.00
638.00,   3996.10,  12.52,  -20.30,   305.00,   17.00
623.00,   4194.81,  10.76,  -22.68,   305.00,   19.00
619.00,   4248.61,  10.28,  -23.33,   305.00,   19.00
612.00,   4343.60,   9.44,  -24.47,   305.00,   21.00
610.00,   4370.94,   9.20,  -24.80, -9999.00, -9999.00
605.00,   4438.08,   8.55,  -25.02,   315.00,   22.01
572.00,   4895.60,   4.12,  -26.54,   325.00,   18.01
563.00,   5024.96,   2.87,  -26.96,   315.00,   19.00
554.00,   5156.41,   1.60,  -27.40, -9999.00, -9999.00
545.00,   5286.82,   0.35,  -27.55,   320.00,   20.01
537.00,   5404.56,  -0.77,  -27.69,   320.00,   20.01
520.00,   5660.69,  -3.22,  -27.99,   325.00,   23.00
514.00,   5753.09,  -4.10,  -28.10, -9999.00, -9999.00
512.00,   5783.71,  -4.33,  -28.61,   325.00,   22.01
504.00,   5907.41,  -5.24,  -30.66,   335.00,   25.00
500.00,   5970.00,  -5.70,  -31.70,   330.00,   25.99
496.00,   6031.89,  -6.23,  -32.35,   330.00,   27.00
488.00,   6157.18,  -7.31,  -33.68,   335.00,   27.00
468.00,   6479.63, -10.07,  -37.09,   335.00,   31.00
461.00,   6595.75, -11.07,  -38.32,   335.00,   31.99
439.00,   6972.54, -14.30,  -42.30, -9999.00, -9999.00
436.00,   7024.25, -14.75,  -42.23,   340.00,   31.00
426.00,   7199.21, -16.28,  -42.00,   340.00,   31.99
422.00,   7270.35, -16.90,  -41.90, -9999.00, -9999.00
419.00,   7323.83, -17.30,  -42.30, -9999.00, -9999.00
417.00,   7359.56, -17.53,  -42.95,   340.00,   31.99
412.00,   7449.64, -18.09,  -44.58,   340.00,   33.00
405.00,   7577.60, -18.90,  -46.90, -9999.00, -9999.00
400.00,   7670.00, -19.30,  -47.30,   350.00,   33.00
397.00,   7725.77, -19.60,  -49.09,   355.00,   33.00
393.00,   7800.78, -20.00,  -51.49,    0.00,   33.00
392.00,   7819.65, -20.10,  -52.10, -9999.00, -9999.00
378.00,   8080.76, -22.49,  -51.91,    0.00,   27.00
374.00,   8157.14, -23.19,  -51.85,    5.00,   25.99
353.00,   8572.03, -26.99,  -51.54,   15.00,   24.01
349.00,   8653.85, -27.74,  -51.48,   10.00,   24.01
319.00,   9299.16, -33.65,  -51.00,   20.00,   21.00
315.00,   9389.75, -34.48,  -50.93,   20.00,   21.00
313.00,   9435.48, -34.90,  -50.90, -9999.00, -9999.00
306.00,   9592.51, -35.65,  -54.85,    5.00,   21.00
302.00,   9683.87, -36.08,  -57.14,    0.00,   20.01
300.00,   9730.00, -36.30,  -58.30,    0.00,   20.01
298.00,   9776.47, -36.50,  -59.09,    0.00,   21.00
295.00,   9846.76, -36.80,  -60.28,   355.00,   24.01
290.00,   9965.52, -37.30,  -62.30, -9999.00, -9999.00
288.00,   10013.49, -37.30,  -63.30, -9999.00, -9999.00
282.00,   10159.56, -36.90,  -68.90,   340.00,   33.99
280.00,   10208.99, -36.90,  -70.90, -9999.00, -9999.00
275.00,   10333.90, -37.47,  -64.35,   350.00,   31.99
273.00,   10384.50, -37.70,  -61.70,   350.00,   33.00
270.00,   10461.00, -37.50,  -62.50, -9999.00, -9999.00
269.00,   10486.51, -37.67,  -62.77,   350.00,   33.00
255.00,   10853.89, -40.17,  -66.66,   335.00,   29.00
250.00,   10990.00, -41.10,  -68.10,   340.00,   27.99
249.00,   11016.50, -41.33,  -68.16,   340.00,   27.99
246.00,   11096.64, -42.02,  -68.35,   340.00,   27.99
240.00,   11259.89, -43.42,  -68.73,   340.00,   29.00
233.00,   11455.58, -45.10,  -69.19,   340.00,   27.99
230.00,   11541.26, -45.84,  -69.39,   340.00,   27.00
223.00,   11745.60, -47.59,  -69.87,   330.00,   29.00
212.00,   12080.03, -50.47,  -70.66,   335.00,   31.00
206.00,   12269.84, -52.10,  -71.10, -9999.00, -9999.00
200.00,   12460.00, -53.30,  -71.30,   335.00,   31.99
196.00,   12589.23, -54.19,  -71.63,   335.00,   33.00
193.00,   12687.89, -54.87,  -71.89,   330.00,   33.00
188.00,   12855.79, -56.03,  -72.32,   335.00,   35.00
186.00,   12924.20, -56.50,  -72.50, -9999.00, -9999.00
185.00,   12958.24, -56.68,  -72.75,   335.00,   33.99
178.00,   13201.81, -57.96,  -74.56,   350.00,   31.00
173.00,   13381.72, -58.90,  -75.90, -9999.00, -9999.00
171.00,   13454.53, -59.38,  -76.38,   320.00,   27.00
168.00,   13565.36, -60.10,  -77.10, -9999.00, -9999.00
165.00,   13677.98, -59.80,  -78.30,   310.00,   29.00
164.00,   13715.97, -59.70,  -78.70, -9999.00, -9999.00
163.00,   13754.18, -59.85,  -79.10,   315.00,   31.00
160.00,   13870.23, -60.30,  -80.30, -9999.00, -9999.00
157.00,   13987.47, -61.18,  -81.18,   320.00,   27.00
152.00,   14187.96, -62.68,  -82.68,   315.00,   23.00
150.00,   14270.00, -63.30,  -83.30,   315.00,   24.01
149.00,   14310.98, -63.50,  -84.00,   315.00,   25.00
148.00,   14352.24, -63.70,  -84.70, -9999.00, -9999.00
147.00,   14393.74, -63.70,  -84.70, -9999.00, -9999.00
143.00,   14562.77, -63.30,  -82.30, -9999.00, -9999.00
140.00,   14692.61, -63.90,  -82.90,   325.00,   33.99
138.00,   14780.44, -64.43,  -83.43,   325.00,   31.99
137.00,   14824.83, -64.70,  -83.70, -9999.00, -9999.00
128.00,   15235.99, -66.47,  -84.83,   340.00,   29.00
125.00,   15379.50, -67.08,  -85.23,   340.00,   25.99
123.00,   15477.10, -67.50,  -85.50,   335.00,   27.00
121.00,   15575.53, -67.90,  -85.90,   335.00,   27.99
119.00,   15675.45, -68.10,  -86.10,   340.00,   25.99
118.00,   15726.02, -68.10,  -86.10, -9999.00, -9999.00
116.00,   15829.01, -67.23,  -86.02,   335.00,   24.01
115.00,   15881.17, -66.79,  -85.98,   340.00,   21.00
113.00,   15986.87, -65.90,  -85.90,   350.00,   22.01
103.00,   16544.02, -68.90,  -92.90,   305.00,   10.99
101.00,   16660.84, -69.70,  -92.70, -9999.00, -9999.00
100.00,   16720.00, -69.70,  -92.70,   315.00,   12.00
%END%

----- Parcel Information-----
*** 100mb MIXED LAYER PARCEL ***
LPL: P=928 T=112F Td=17F
MLCAPE: 0 J/kg
MLCINH: 0 J/kg
MLLI: 4 C
MLLI(300mb): 2 C
3km MLCAPE: 0 J/kg
NCAPE: 0.00 m/s2

MLLCL: 431mb 6413m
MLLFC: -9999mb -9999m
MLEL: 431mb 6413m
MLMPL: 431mb 6413m
All heights AGL

*** MU PARCEL IN LOWEST 400mb ***
LPL: P=928 T=115F Td=27F
MUCAPE: 101 J/kg
MUCINH: -2 J/kg
MULI: 2 C
MULI(300mb): -1 C
3km MUCAPE: 0 J/kg
NCAPE: 0.03 m/s2

MULCL: 459mb 5931m
MULFC: 449mb 6100m
MUEL: 290mb 9269m
MUMPL: 265mb 9892m
All heights AGL

*** SFC PARCEL ***
LPL: P=928 T=115F Td=27F
SBCAPE: 101 J/kg
SBCINH: -2 J/kg
SBLI: 2 C
SBLI(300mb): -1 C
3km SBCAPE: 0 J/kg
NCAPE: 0.03 m/s2

SBLCL: 459mb 5931m
SBLFC: 449mb 6100m
SBEL: 290mb 9269m
SBMPL: 265mb 9892m
All heights AGL

----- Misc Thermodynamic Parameters -----
Melting Level: 15175.1
Conv Temp: 48.0
WBZ height: 10679.8
DCAPE: 2894.5

----- Moisture -----
Precip Water: 0.24 in
0-1 km mean W: 2.2 g/Kg
0-3 km mean W: 1.7 g/Kg
SFC-850 mb mean W: 2.3 g/Kg

500 mb W: 0.5 g/Kg
700 mb W: 1.3 g/Kg
850 mb W: 1.7 g/Kg
925 mb W: 3.2 g/Kg
SFC RH: 4 %

-----Delta T and Lapse Rates-----
700-500mb 25 C 9.2 C/km
850-500mb 42 C 9.4 C/km
0-3 km 31 C 10.3 C/km
3-6 km 28 C 9.2 C/km

----- Vertical Shear -----
0-1 km BWD 7 kt
0-3 km BWD 11 kt
0-6 km BWD 26 kt
0-6 km mean wind 11.7 kt

----- Storm Relative Winds/Shear -----
Bunkers storm motion 22/16 kt
0-1 km SRH -39 ms/s2
0-3 km SRH -3 ms/s2

----- Effective Inflow Layer Parameters -----
Effective inflow base 0 m AGL
Effective inflow top 0 m AGL
Effective SRH 0 ms/s2
Effective BWD 7 kt

----- Composite Parameters -----
Effective-layer SCP 0.0
Effective-layer SPP 0.0
Fixed-layer SPP 0.0
SHIP 0.0

----- Fire Weather -----
Fosberg Index 25

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