

VEF	240702/0000				
LEVEL	HGHT	TEMP	DWPT	WDIR	WSPD
%RAW%					
1000.00,	3.00,	-9999.00,	-9999.00,	-9999.00,	-9999.00
928.00,	697.00,	40.00,	0.00,	240.00,	8.99
925.00,	723.00,	38.80,	-10.20,	210.00,	15.00
916.00,	812.22,	38.00,	-11.00,	-9999.00,	-9999.00
907.00,	901.05,	36.94,	-10.74,	215.00,	15.00
902.00,	950.78,	36.35,	-10.59,	220.00,	14.01
891.00,	1061.19,	35.04,	-10.26,	215.00,	13.00
878.00,	1193.41,	33.47,	-9.87,	220.00,	16.01
866.00,	1317.22,	32.00,	-9.50,	225.00,	16.01
850.00,	1485.00,	30.00,	-9.00,	215.00,	17.00
849.00,	1495.17,	29.90,	-9.00,	215.00,	17.00
842.00,	1566.73,	29.20,	-8.97,	210.00,	18.01
826.00,	1732.44,	27.58,	-8.91,	210.00,	13.00
793.00,	2084.91,	24.14,	-8.79,	240.00,	16.01
747.00,	2601.37,	19.09,	-8.60,	220.00,	12.00
712.00,	3016.10,	15.04,	-8.45,	235.00,	13.00
700.00,	3163.00,	13.60,	-8.40,	220.00,	18.01
690.00,	3283.91,	12.44,	-7.90,	220.00,	19.00
688.00,	3308.31,	12.20,	-7.80,	-9999.00,	-9999.00
683.00,	3369.42,	12.00,	-10.00,	-9999.00,	-9999.00
681.00,	3394.01,	12.20,	-11.13,	230.00,	19.00
677.00,	3443.39,	12.60,	-13.40,	-9999.00,	-9999.00
651.00,	3768.54,	10.19,	-25.25,	245.00,	8.99
644.00,	3858.30,	9.53,	-28.53,	245.00,	8.00
631.00,	4027.61,	8.28,	-34.70,	260.00,	6.00
625.00,	4106.94,	7.69,	-37.59,	260.00,	8.99
618.00,	4200.46,	7.00,	-41.00,	260.00,	8.00
613.00,	4266.59,	6.48,	-39.91,	250.00,	6.00
594.00,	4522.90,	4.45,	-35.71,	235.00,	10.99
577.00,	4759.28,	2.59,	-31.83,	250.00,	13.00
572.00,	4830.13,	2.03,	-30.67,	250.00,	12.00
570.00,	4858.64,	1.80,	-30.20,	-9999.00,	-9999.00
566.00,	4915.44,	1.80,	-30.20,	-9999.00,	-9999.00
562.00,	4972.70,	2.40,	-39.60,	-9999.00,	-9999.00
558.00,	5030.40,	2.20,	-46.80,	-9999.00,	-9999.00
554.00,	5088.44,	1.86,	-34.03,	265.00,	17.00
551.00,	5132.25,	1.60,	-24.40,	-9999.00,	-9999.00
547.00,	5190.94,	1.20,	-24.80,	-9999.00,	-9999.00
543.00,	5250.06,	1.43,	-29.70,	265.00,	15.00
540.00,	5294.68,	1.60,	-33.40,	-9999.00,	-9999.00
533.00,	5399.38,	0.91,	-37.99,	255.00,	15.00
528.00,	5475.01,	0.41,	-41.30,	255.00,	13.00
523.00,	5551.36,	-0.09,	-44.64,	250.00,	13.00
517.00,	5643.95,	-0.70,	-48.70,	-9999.00,	-9999.00
505.00,	5830.82,	-2.25,	-49.54,	290.00,	10.99
500.00,	5910.00,	-2.90,	-49.90,	285.00,	10.00
496.00,	5973.23,	-3.30,	-50.30,	290.00,	12.00
484.00,	6166.03,	-4.50,	-51.50,	-9999.00,	-9999.00
483.00,	6182.24,	-4.62,	-51.50,	290.00,	18.01
479.00,	6247.39,	-5.12,	-51.50,	290.00,	17.00
476.00,	6296.61,	-5.50,	-51.50,	-9999.00,	-9999.00
467.00,	6444.54,	-6.60,	-51.68,	285.00,	12.00
463.00,	6511.20,	-7.10,	-51.77,	295.00,	12.00
458.00,	6595.35,	-7.72,	-51.87,	295.00,	13.00
450.00,	6731.91,	-8.74,	-52.04,	295.00,	14.01
438.00,	6941.37,	-10.30,	-52.30,	-9999.00,	-9999.00
431.00,	7064.15,	-11.44,	-52.87,	300.00,	12.00
426.00,	7153.08,	-12.27,	-53.29,	305.00,	13.00
414.00,	7370.84,	-14.30,	-54.30,	-9999.00,	-9999.00
413.00,	7389.06,	-14.44,	-54.44,	320.00,	10.99
400.00,	7630.00,	-16.30,	-56.30,	305.00,	12.00
396.00,	7704.98,	-16.91,	-56.63,	300.00,	12.00
392.00,	7780.71,	-17.52,	-56.97,	290.00,	12.00
384.00,	7934.53,	-18.78,	-57.65,	300.00,	12.00
380.00,	8012.65,	-19.41,	-58.00,	300.00,	10.99
372.00,	8171.38,	-20.70,	-58.70,	305.00,	10.00
364.00,	8331.01,	-21.93,	-59.59,	295.00,	8.99
357.00,	8473.60,	-23.02,	-60.38,	290.00,	10.99
353.00,	8556.33,	-23.66,	-60.84,	295.00,	10.99
349.00,	8640.01,	-24.30,	-61.30,	295.00,	14.01
340.00,	8829.17,	-25.45,	-62.11,	305.00,	22.01
332.00,	9001.57,	-26.49,	-62.85,	300.00,	22.01
323.00,	9200.55,	-27.70,	-63.70,	305.00,	20.01
318.00,	9312.64,	-28.10,	-64.10,	-9999.00,	-9999.00
315.00,	9380.71,	-27.90,	-63.90,	320.00,	22.01
313.00,	9426.47,	-27.90,	-63.90,	-9999.00,	-9999.00
302.00,	9682.46,	-29.59,	-65.59,	300.00,	21.00
300.00,	9730.00,	-29.90,	-65.90,	305.00,	21.00
295.00,	9848.53,	-30.69,	-66.25,	310.00,	20.01
289.00,	9993.45,	-31.67,	-66.68,	305.00,	17.00
280.00,	10216.57,	-33.16,	-67.35,	315.00,	12.00
278.00,	10267.12,	-33.50,	-67.50,	-9999.00,	-9999.00
277.00,	10292.00,	-33.72,	-67.66,	305.00,	8.99
274.00,	10367.18,	-34.40,	-68.13,	300.00,	10.00
267.00,	10545.84,	-36.01,	-69.25,	305.00,	10.00
261.00,	10702.74,	-37.42,	-70.23,	305.00,	10.00
258.00,	10782.55,	-38.14,	-70.74,	305.00,	10.99
252.00,	10948.99,	-39.60,	-71.75,	300.00,	10.00
250.00,	11000.00,	-40.10,	-72.10,	300.00,	10.00
246.00,	11109.41,	-40.83,	-71.71,	305.00,	12.00
244.00,	11164.78,	-41.20,	-71.51,	300.00,	14.01
238.00,	11333.66,	-42.32,	-70.91,	305.00,	16.01
236.00,	11390.91,	-42.70,	-70.70,	-9999.00,	-9999.00
223.00,	11769.76,	-45.13,	-74.35,	315.00,	23.00
217.00,	11952.13,	-46.30,	-76.10,	320.00,	21.00
215.00,	12014.05,	-46.70,	-76.70,	-9999.00,	-9999.00
212.00,	12106.52,	-47.32,	-77.13,	315.00,	19.00
209.00,	12200.32,	-47.95,	-77.56,	315.00,	20.01
200.00,	12490.00,	-49.90,	-78.90,	305.00,	17.00
199.00,	12522.71,	-50.10,	-79.10,	-9999.00,	-9999.00
194.00,	12684.50,	-51.11,	-79.84,	295.00,	15.00
190.00,	12816.97,	-51.93,	-80.44,	285.00,	17.00
180.00,	13160.75,	-54.08,	-82.01,	300.00,	20.01
174.00,	13376.30,	-55.42,	-82.99,	300.00,	18.01
164.00,	13752.64,	-57.76,	-84.71,	315.00,	23.00
158.00,	13989.62,	-59.24,	-85.79,	320.00,	23.00
156.00,	14070.62,	-59.75,	-86.16,	320.00,	21.00
154.00,	14152.67,	-60.26,	-86.54,	320.00,	21.00
150.00,	14320.00,	-61.30,	-87.30,	315.00,	21.00
148.00,	14403.13,	-61.70,	-87.70,	-9999.00,	-9999.00
145.00,	14529.59,	-62.50,	-88.50,	315.00,	23.00
139.00,	14789.19,	-63.54,	-88.80,	325.00,	21.00
137.00,	14878.22,	-63.90,	-88.90,	-9999.00,	-9999.00
135.00,	14968.18,	-64.30,	-89.30,	-9999.00,	-9999.00
133.00,	15059.21,	-64.83,	-89.83,	315.00,	18.01
132.00,	15105.25,	-65.10,	-90.10,	-9999.00,	-9999.00
131.00,	15151.52,	-65.30,	-90.30,	315.00,	20.01
129.00,	15245.26,	-64.50,	-89.50,	320.00,	19.00
128.00,	15292.82,	-64.10,	-89.10,	-9999.00,	-9999.00
126.00,	15388.73,	-64.69,	-89.36,	295.00,	10.00
122.00,	15585.21,	-65.90,	-89.90,	-9999.00,	-9999.00
121.00,	15635.05,	-66.50,	-90.50,	-9999.00,	-9999.00
117.00,	15836.94,	-67.88,	-91.88,	245.00,	8.99
113.00,	16045.85,	-69.30,	-93.30,	270.00,	8.99
111.00,	16151.89,	-69.69,	-93.26,	260.00,	6.99
107.00,	16349.83,	-70.48,	-93.17,	225.00,	8.99
104.00,	16538.70,	-71.10,	-93.10,	260.00,	13.00
101.00,	16711.40,	-71.90,	-93.90,	260.00,	15.00
100.00,	16770.00,	-71.90,	-94.90,	265.00,	17.00

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%END%

----- Parcel Information -----
*** 100mb MIXED LAYER PARCEL ***
LPL: P=928 T=101F Td=16F
MLCAPE: 0 J/kg
MLCINH: 0 J/kg
MLLI: 10 C
MLLI(300mb): 13 C
3km MUCAPE: 0 J/kg
NCAPE: 0.00 m/s2

MLLCL: 466mb 5770m
MLLFC: -9999mb -9999m
MUEL: 466mb 5770m
MUMPL: 466mb 5770m
All heights AGL

*** MU PARCEL IN LOWEST 400mb ***
LPL: P=928 T=104F Td=32F
MUCAPE: 0 J/kg
MUCINH: 0 J/kg
MULL: 6 C
MULL(300mb): 8 C
3km MUCAPE: 0 J/kg
NCAPE: 0.00 m/s2

MULCL: 520mb 4894m
MULFC: -9999mb -9999m
MUEL: 520mb 4894m
MUMPL: 520mb 4894m
All heights AGL

*** SFC PARCEL ***
LPL: P=928 T=104F Td=32F
SBCAPE: 0 J/kg
SBCINH: 0 J/kg
SBLI: 6 C
SBLI(300mb): 8 C
3km SBCAPE: 0 J/kg
NCAPE: 0.00 m/s2

SBLCL: 520mb 4894m
SBLFC: -9999mb -9999m
SBEL: 520mb 4894m
SBMPL: 520mb 4894m
All heights AGL

----- Misc Thermodynamic Parameters -----
Melting Level: 15876.2
Conv Temp: 54.0
WBZ height: 9432.8
DCAPE: 1922.5

----- Moisture -----
Precip Water: 0.28 in
0-1 km mean W: 2.1 g/Kg
0-3 km mean W: 2.3 g/Kg
SFC-850 mb mean W: 2.1 g/Kg

500 mb W: 0.1 g/Kg
700 mb W: 2.9 g/Kg
850 mb W: 2.3 g/Kg
925 mb W: 1.9 g/Kg
SFC RH: 8 %

-----Delta T and Lapse Rates -----
700-500mb 16 C 6.0 C/km
850-500mb 33 C 7.4 C/km
0-3 km 29 C 9.8 C/km
3-6 km 19 C 6.2 C/km

----- Vertical Shear -----
0-1 km BWD 8 kt
0-3 km BWD 2 kt
0-6 km BWD 11 kt
0-6 km mean Wind 12.4 kt

----- Storm Relative Winds/Shear -----
Bunkers storm motion 90/3 kt
0-1 km SRH -27 ms/s2
0-3 km SRH 9 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 4 kt

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

----- Fire Weather -----
Fosberg Index 30

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