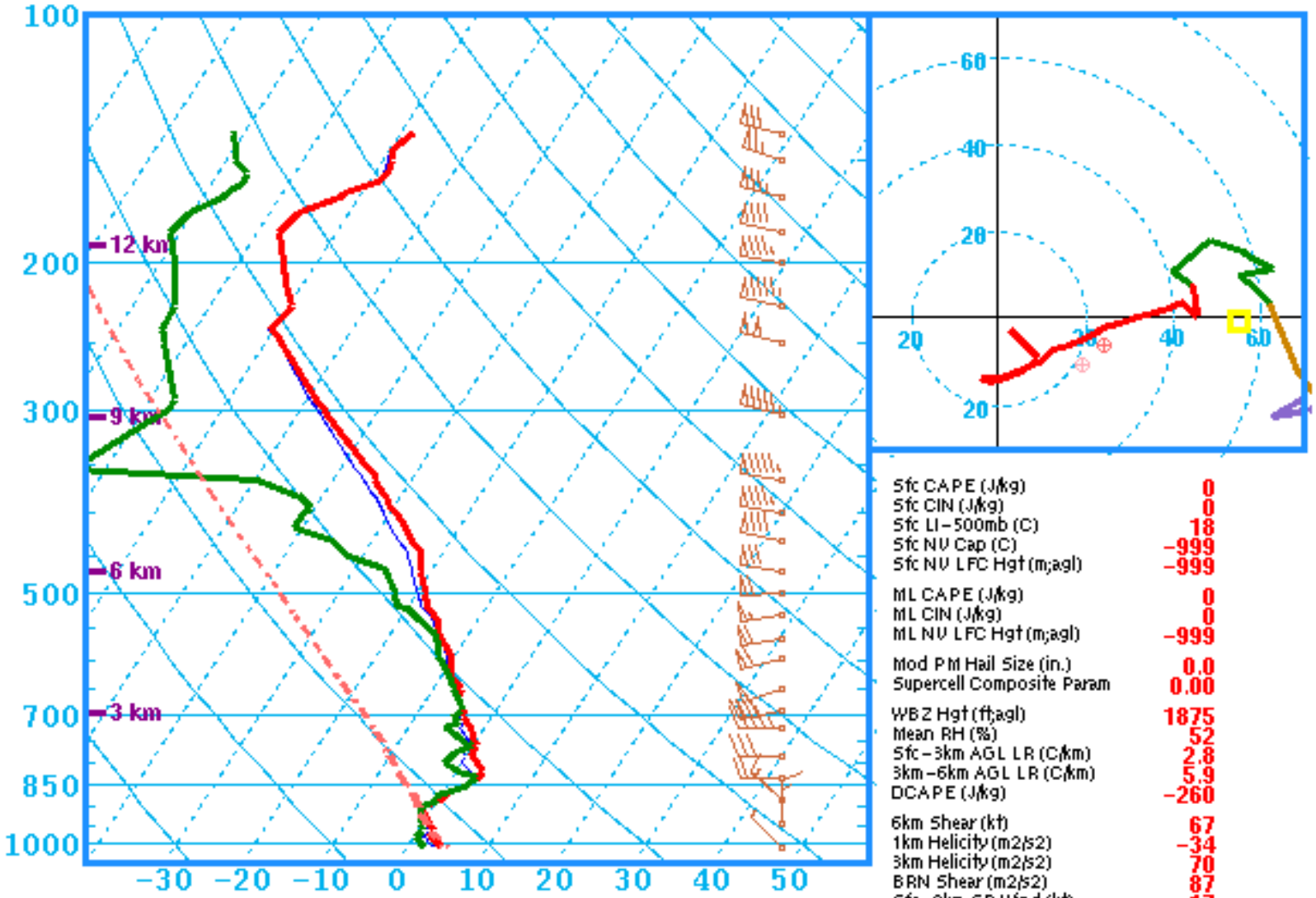
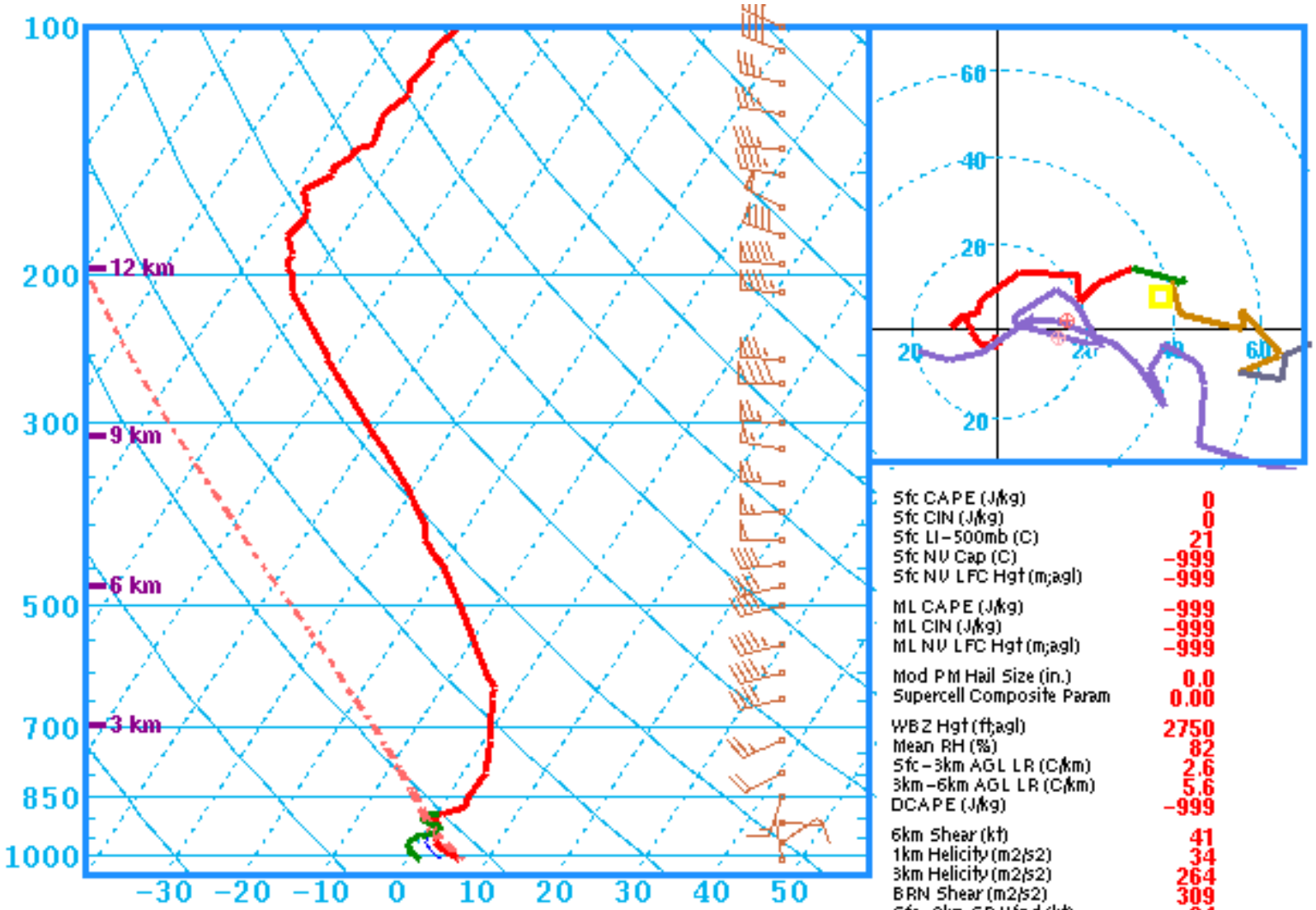


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	18
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	1875
Mean RH (%)	52
Sfc−3km AGL LR (C/km)	2.8
3km−6km AGL LR (C/km)	5.9
DCAPE (J/kg)	−260
6km Shear (kt)	67
1km Helicity (m2/s2)	−34
3km Helicity (m2/s2)	70
BRN Shear (m2/s2)	87
Sfc−2km SR Wind (kt)	17
4−6km SR Wind (kt)	39
Estimated Storm Motion (kt)	298/31
Best Guess Precip Type	Rain.

ALB −1200 UTC Day 1
OBSERVED Sounding

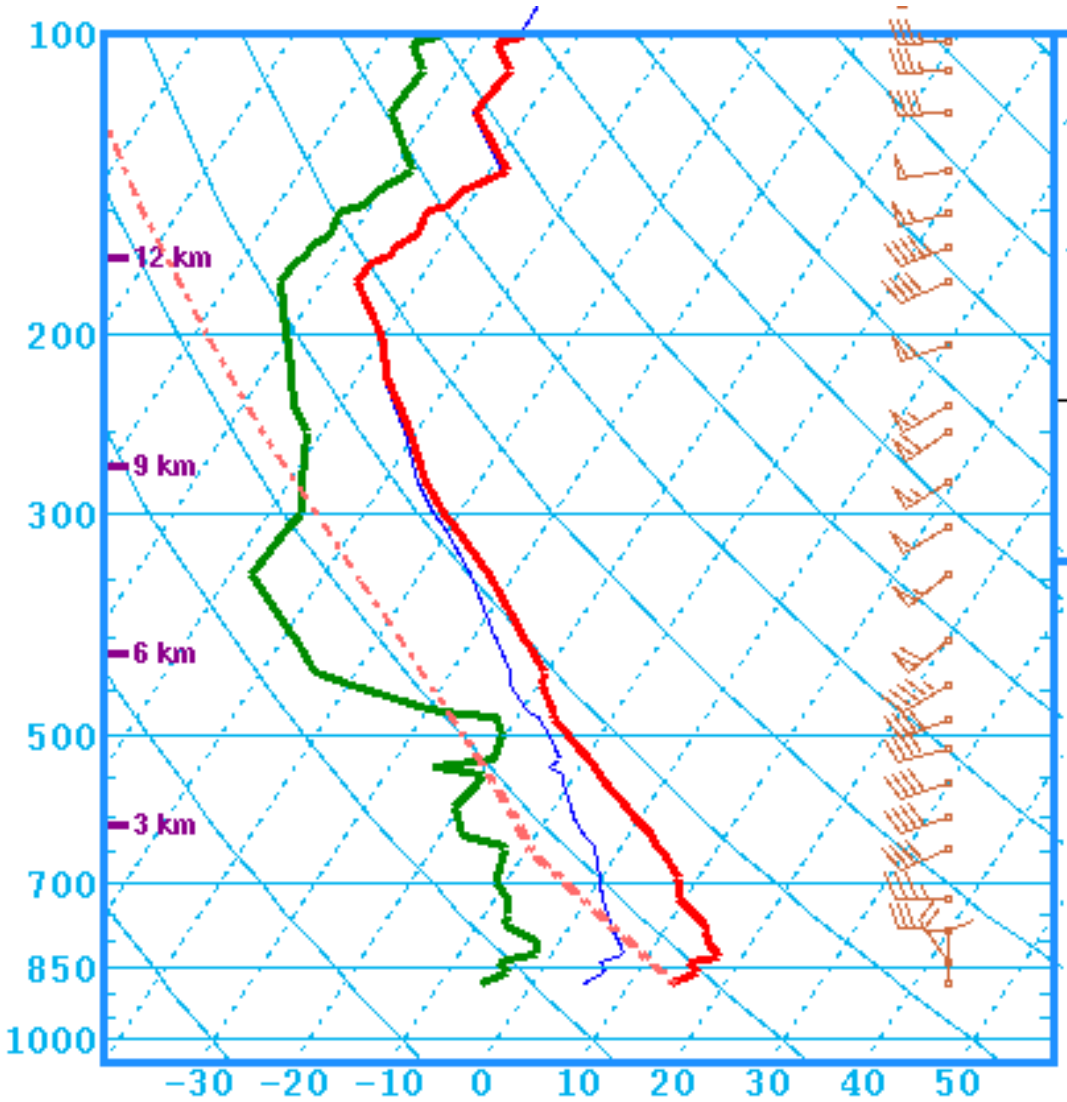
NWS/NCEP/SPC

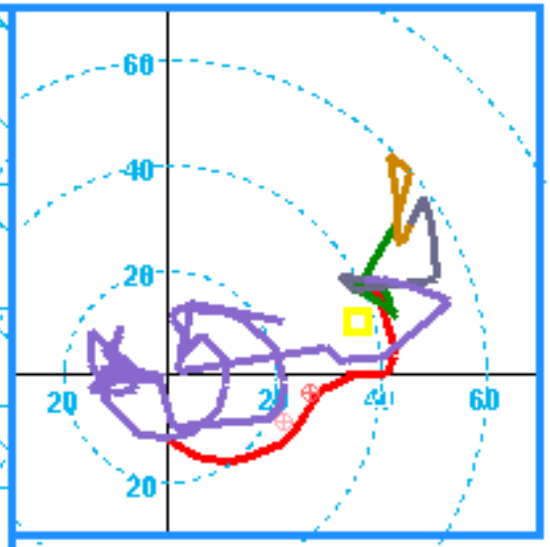


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	21
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	−999
ML CIN (J/kg)	−999
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	2750
Mean RH (%)	82
Sfc−3km AGL LR (C/km)	2.6
3km−6km AGL LR (C/km)	5.6
DCAPE (J/kg)	−999
6km Shear (kt)	41
1km Helicity (m2/s2)	34
3km Helicity (m2/s2)	264
BRN Shear (m2/s2)	309
Sfc−2km SR Wind (kt)	24
4−6km SR Wind (kt)	27
Estimated Storm Motion (kt)	287/23

ALB −0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

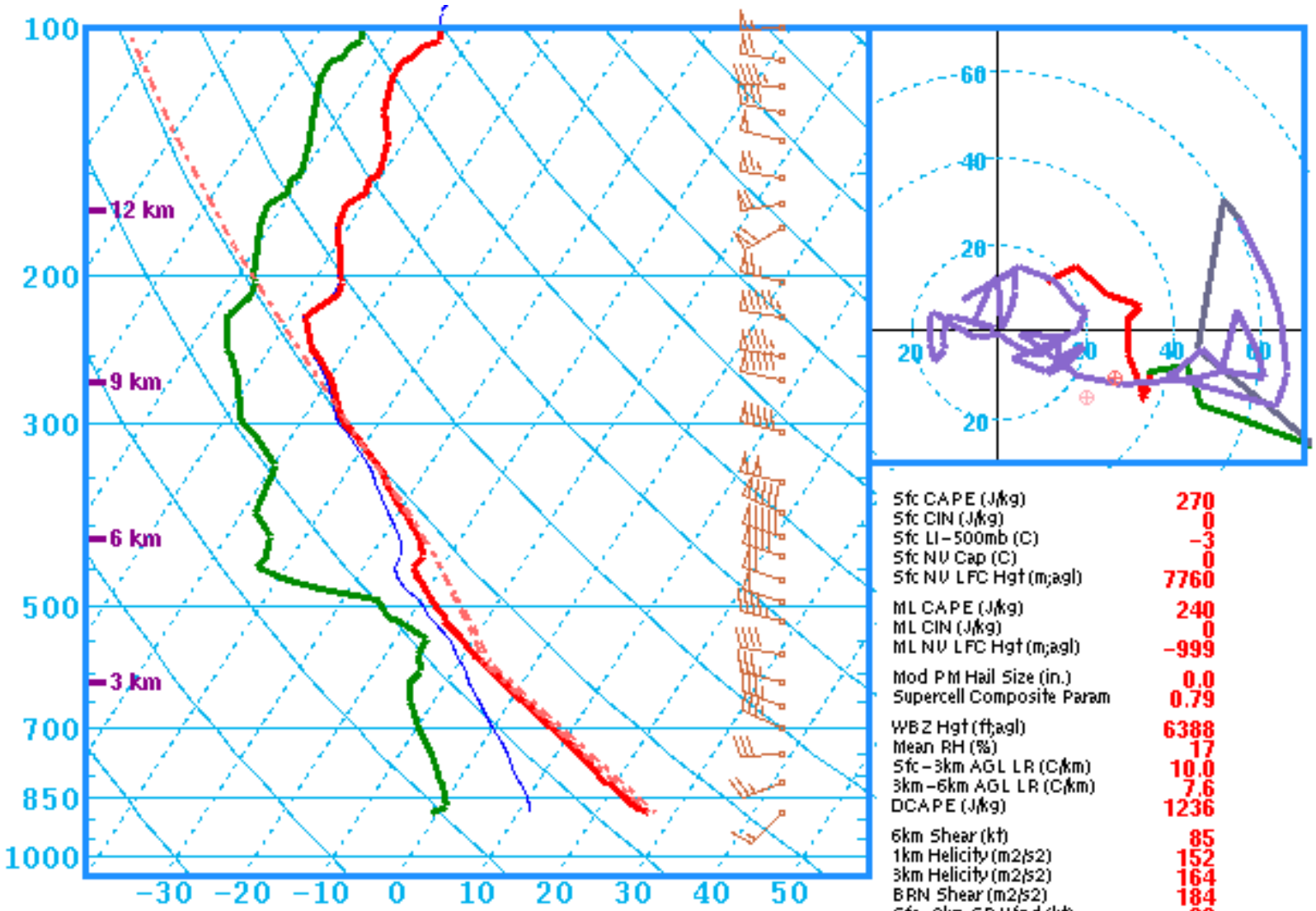




Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI-500mb (C)	11
Sfc NV Cap (C)	-999
Sfc NV LFC Hgt (m;agl)	-999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	6419
Mean RH (%)	18
Sfc-3km AGL LR (C/km)	4.6
3km-6km AGL LR (C/km)	7.8
DCAPE (J/kg)	471
6km Shear (kt)	64
1km Helicity (m2/s2)	-38
3km Helicity (m2/s2)	-13
BRN Shear (m2/s2)	78
Sfc-2km SR Wind (kt)	20
4-6km SR Wind (kt)	23
Estimated Storm Motion (kt)	278/42

AMA -1200 UTC Day 1
OBSERVED Sounding

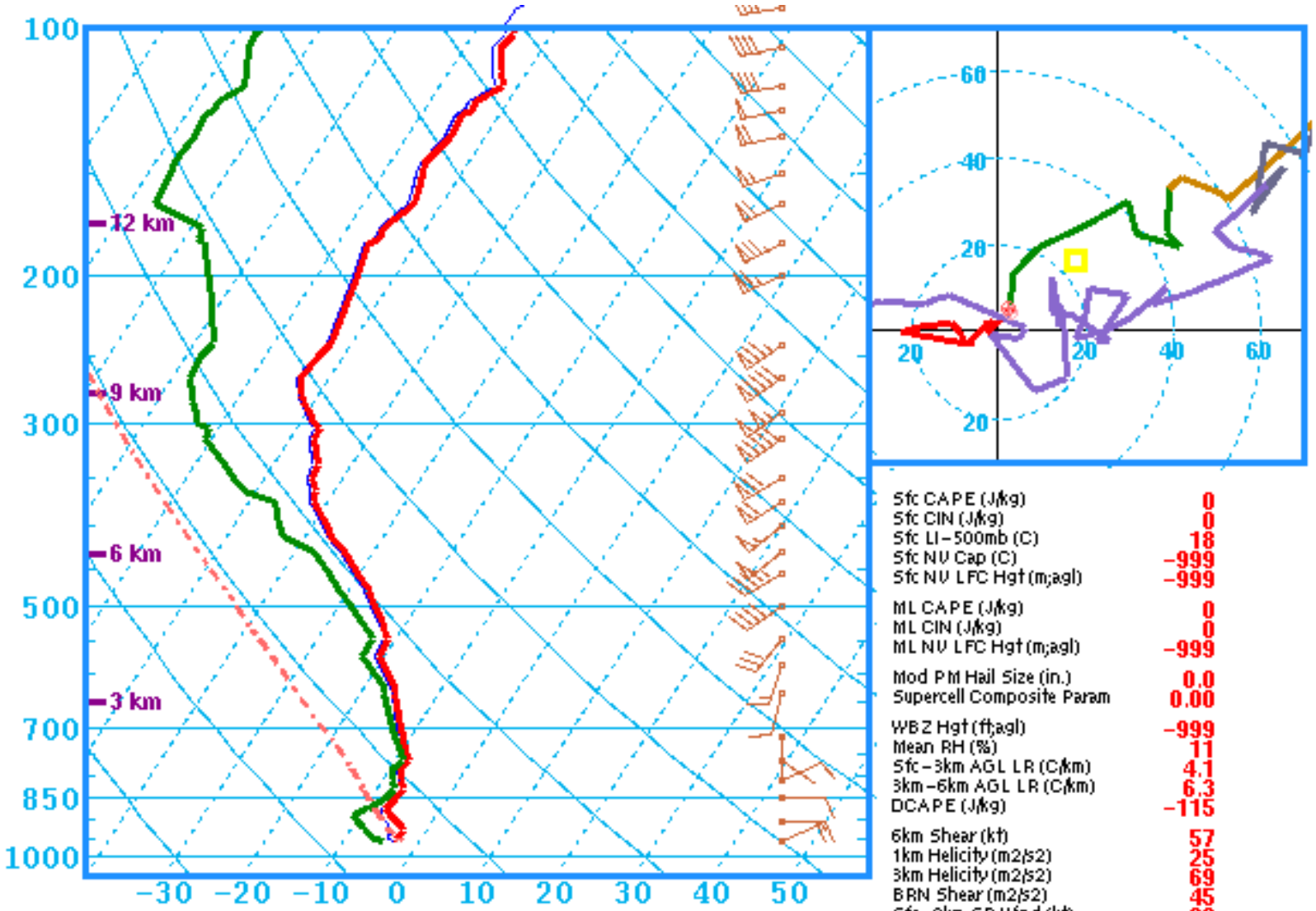
NWS/NCEP/SPC



Sfc CAPE (J/kg)	270
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	−3
Sfc NV Cap (C)	0
Sfc NV LFC Hgt (m;agl)	7760
ML CAPE (J/kg)	240
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.79
WBZ Hgt (ft;agl)	6388
Mean RH (%)	17
Sfc−3km AGL LR (C/km)	10.0
3km−6km AGL LR (C/km)	7.6
DCAPE (J/kg)	1236
6km Shear (kt)	85
1km Helicity (m2/s2)	152
3km Helicity (m2/s2)	164
BRN Shear (m2/s2)	184
Sfc−2km SR Wind (kt)	23
4−6km SR Wind (kt)	31
Estimated Storm Motion (kt)	302/31

AMA −0000 UTC Day 2
OBSERVED Sounding

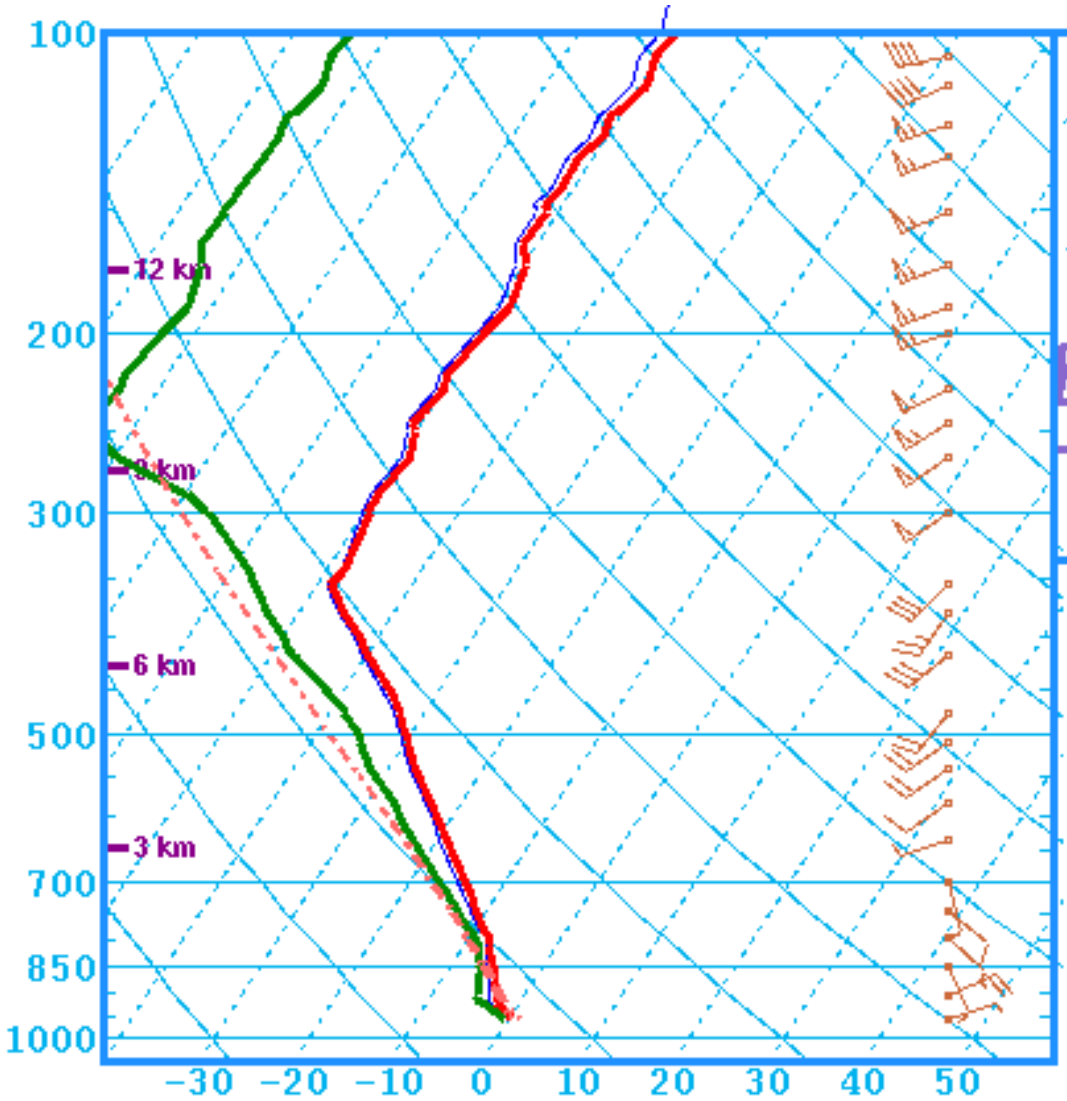
NWS/NCEP/SPC

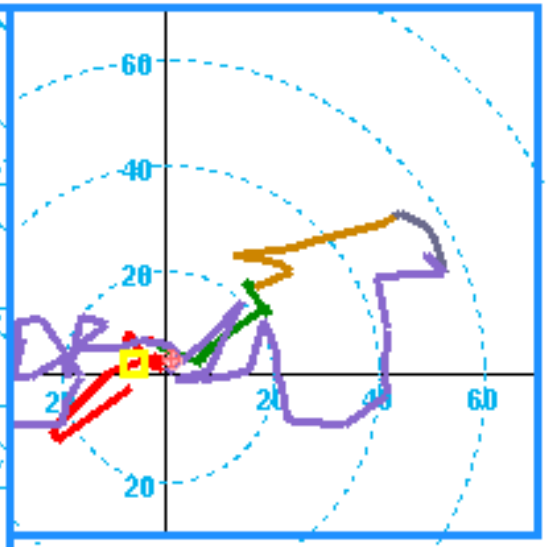


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI-500mb (C)	18
Sfc NV Cap (C)	-999
Sfc NV LFC Hgt (m;agl)	-999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	-999
Mean RH (%)	11
Sfc-3km AGL LR (C/km)	4.1
3km-6km AGL LR (C/km)	6.3
DCAPE (J/kg)	-115
6km Shear (kt)	57
1km Helicity (m2/s2)	25
3km Helicity (m2/s2)	69
BRN Shear (m2/s2)	45
Sfc-2km SR Wind (kt)	20
4-6km SR Wind (kt)	35
Estimated Storm Motion (kt)	296/11
Best Guess Precip Type	Snow.

BIS – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

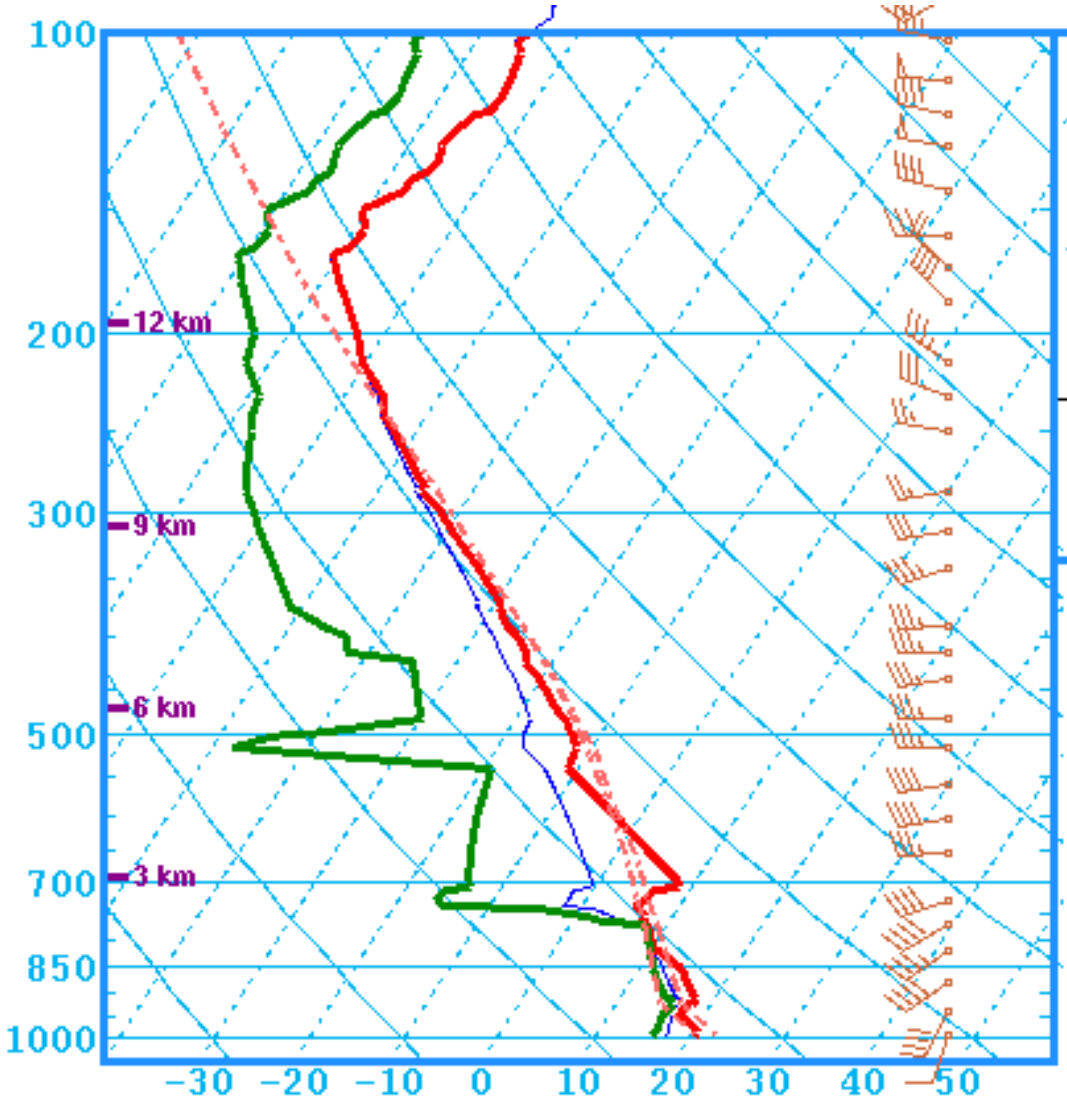


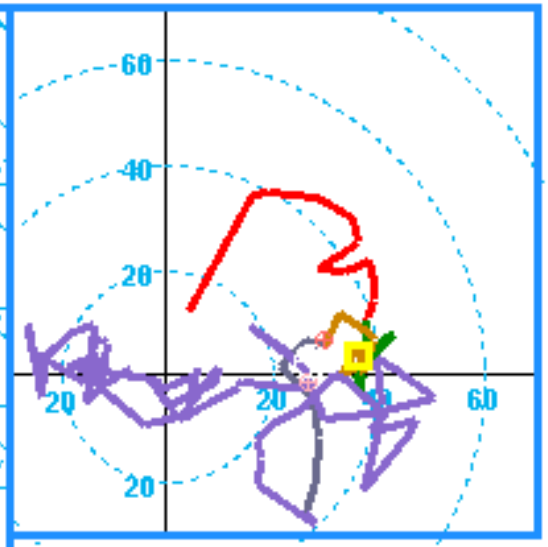


Sfc CAPE (J/kg)	6
Sfc CIN (J/kg)	-632
Sfc LI-500mb (C)	8
Sfc NV Cap (C)	-999
Sfc NV LFC Hgt (m;agl)	-999
ML CAPE (J/kg)	1
ML CIN (J/kg)	-381
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	868
Mean RH (%)	5
Sfc-3km AGL LR (C/km)	6.3
3km-6km AGL LR (C/km)	6.8
DCAPE (J/kg)	-40
6km Shear (kt)	35
1km Helicity (m2/s2)	73
3km Helicity (m2/s2)	103
BRN Shear (m2/s2)	55
Sfc-2km SR Wind (kt)	19
4-6km SR Wind (kt)	23
Estimated Storm Motion (kt)	312/11
Best Guess Precip Type	Snow.

BIS – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

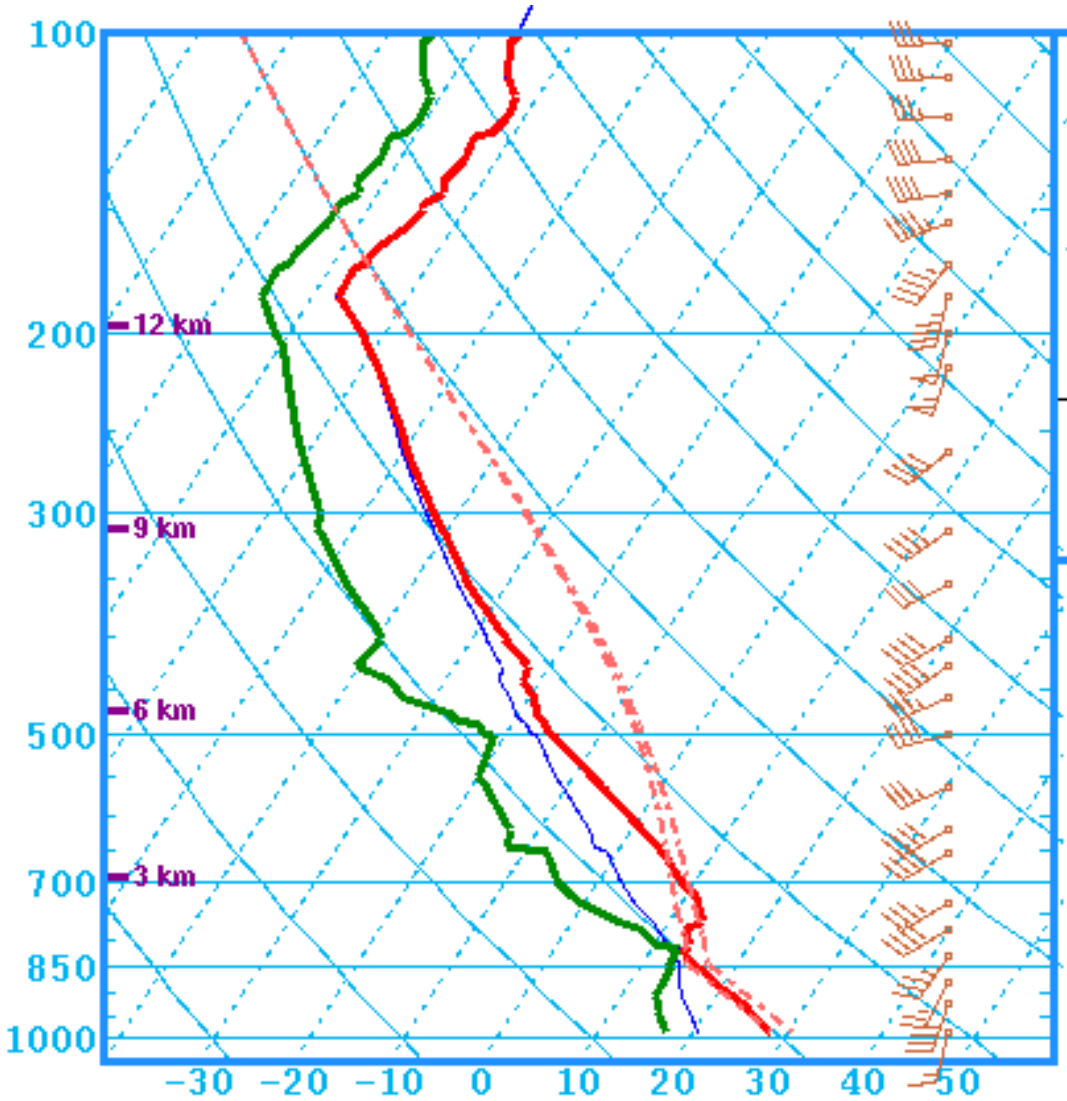


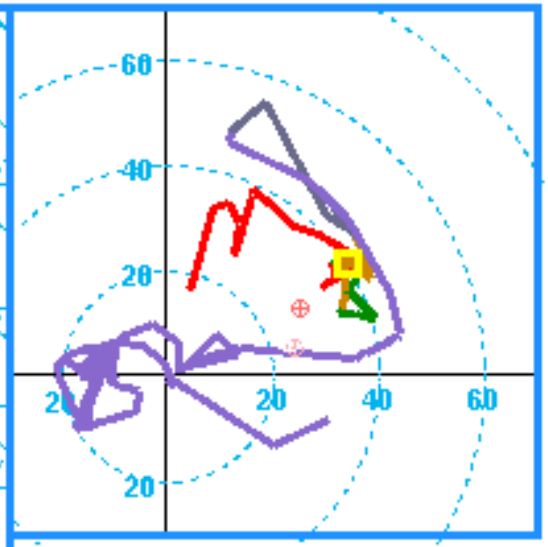


Sfc CAPE (J/kg)	347
Sfc CIN (J/kg)	-232
Sfc LI-500mb (C)	-1
Sfc NV Cap (C)	5
Sfc NV LFC Hgt (m;agl)	4272
ML CAPE (J/kg)	2536
ML CIN (J/kg)	-161
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	6.1
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	7948
Mean RH (%)	17
Sfc-3km AGL LR (C/km)	5.0
3km-6km AGL LR (C/km)	7.9
DCAPE (J/kg)	584
6km Shear (kt)	34
1km Helicity (m2/s2)	338
3km Helicity (m2/s2)	388
BRN Shear (m2/s2)	63
Sfc-2km SR Wind (kt)	22
4-6km SR Wind (kt)	13
Estimated Storm Motion (kt)	264/27

BNA – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

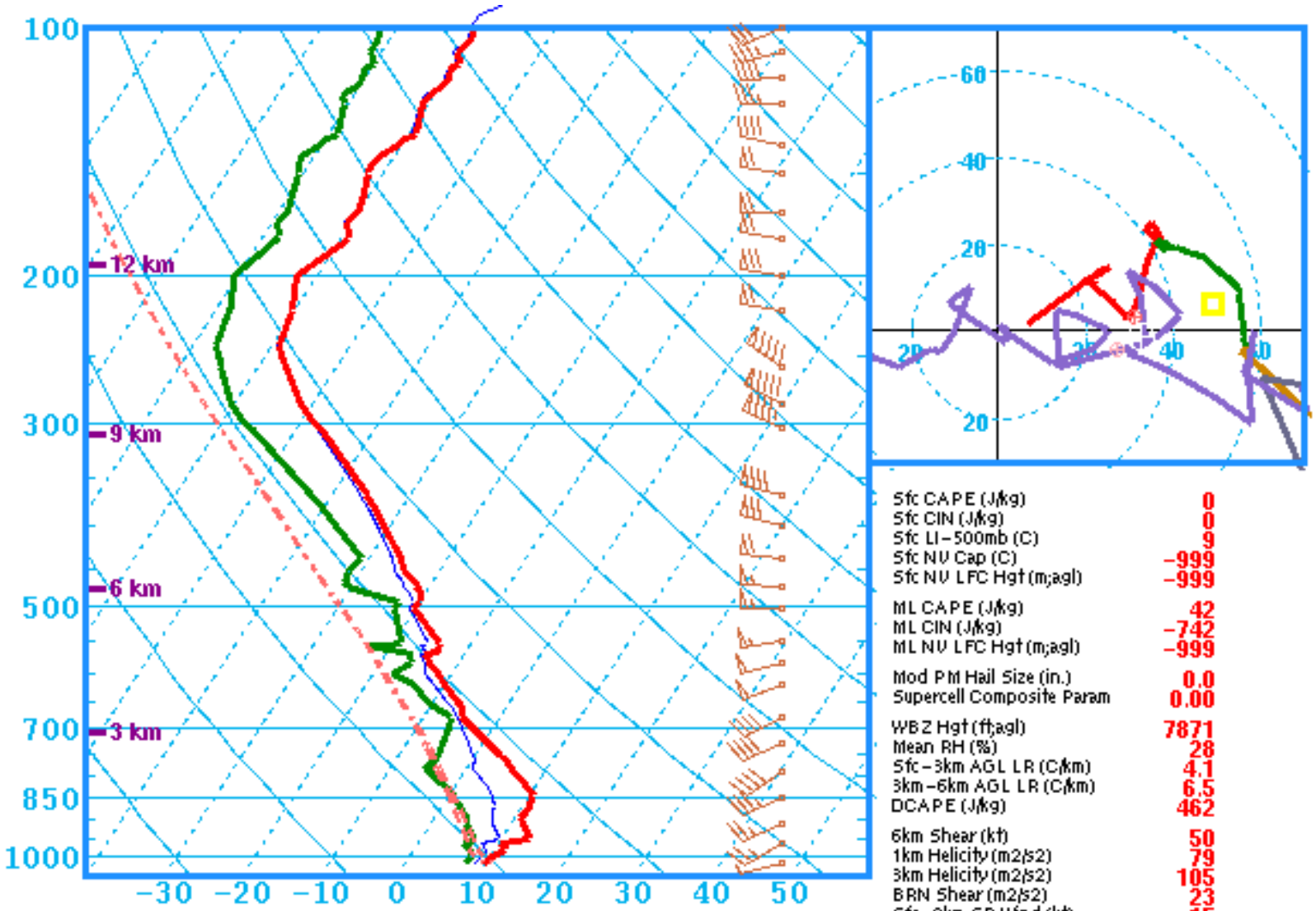




Sfc CAPE (J/kg)	2942
Sfc CIN (J/kg)	−47
Sfc LI−500mb (C)	−10
Sfc NV Cap (C)	3
Sfc NV LFC Hgt (m;agl)	3448
ML CAPE (J/kg)	3005
ML CIN (J/kg)	−83
ML NV LFC Hgt (m;agl)	4389
Mod PM Hail Size (in.)	3.8
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	10802
Mean RH (%)	30
Sfc−3km AGL LR (C/km)	7.3
3km−6km AGL LR (C/km)	9.0
DCAPE (J/kg)	1286
6km Shear (kt)	29
1km Helicity (m2/s2)	92
3km Helicity (m2/s2)	244
BRN Shear (m2/s2)	43
Sfc−2km SR Wind (kt)	21
4−6km SR Wind (kt)	16
Estimated Storm Motion (kt)	251/24

BNA – 0000 UTC Day 2
OBSERVED Sounding

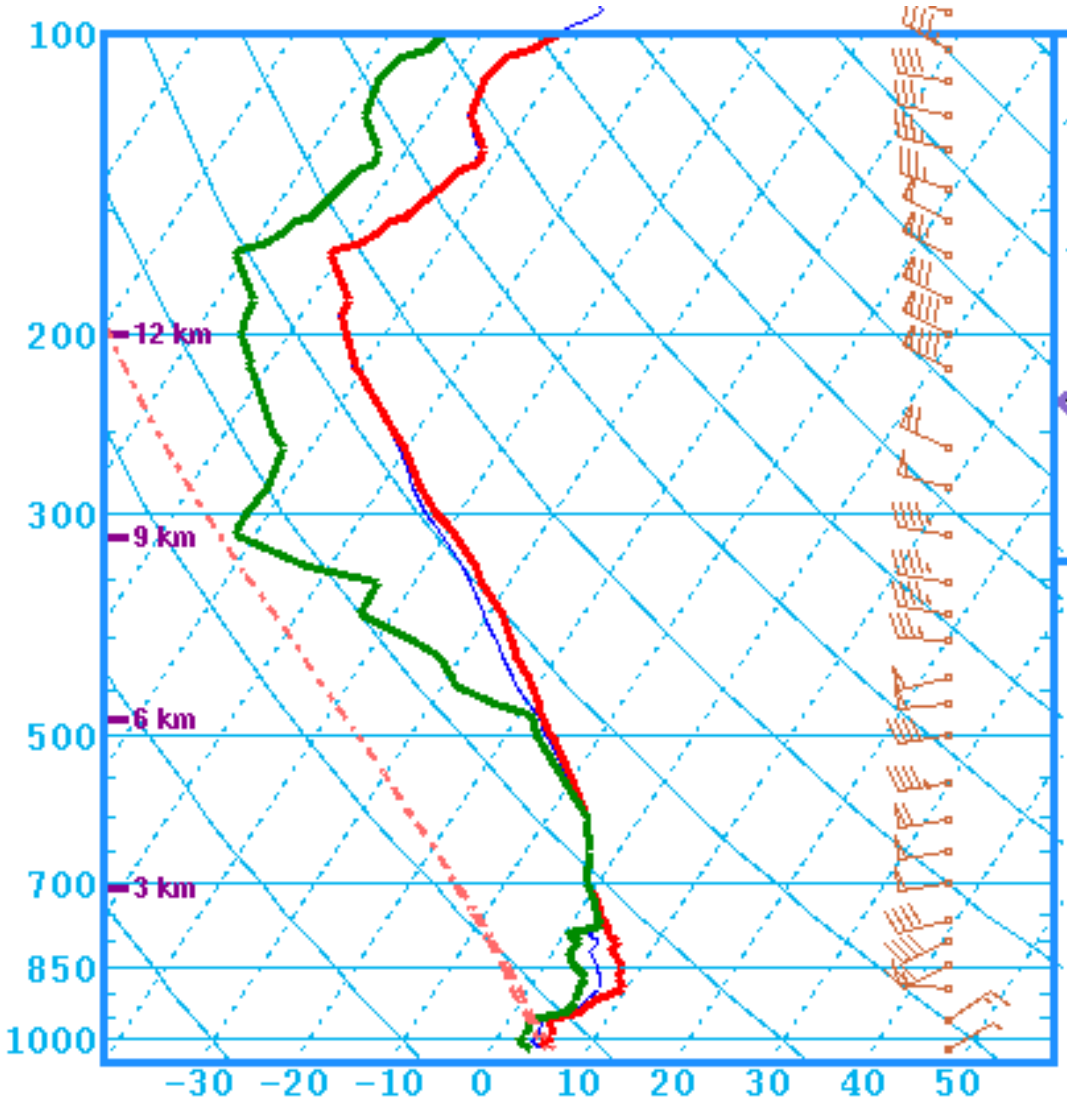
NWS/NCEP/SPC

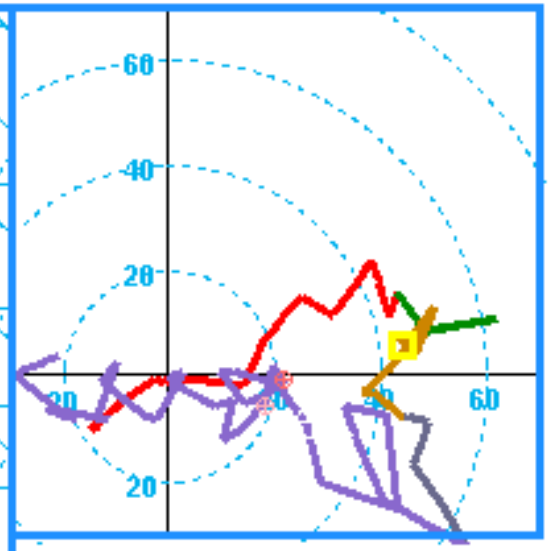


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	9
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	42
ML CIN (J/kg)	−742
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	7871
Mean RH (%)	28
Sfc−3km AGL LR (C/km)	4.1
3km−6km AGL LR (C/km)	6.5
DCAPE (J/kg)	462
6km Shear (kt)	50
1km Helicity (m2/s2)	79
3km Helicity (m2/s2)	105
BRN Shear (m2/s2)	23
Sfc−2km SR Wind (kt)	15
4−6km SR Wind (kt)	22
Estimated Storm Motion (kt)	272/33

CHH – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

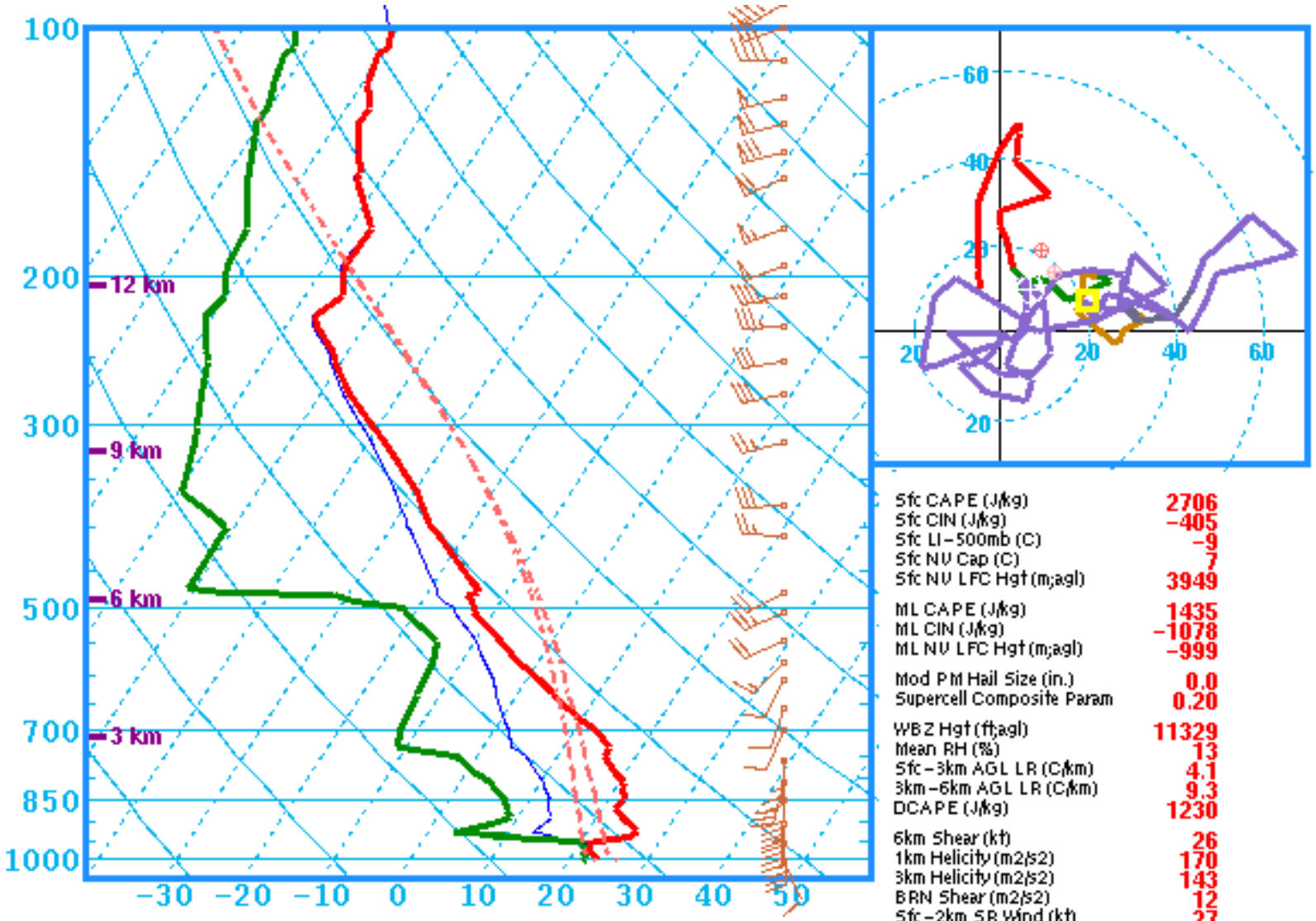




Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	20
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	9450
Mean RH (%)	43
Sfc−3km AGL LR (C/km)	2.2
3km−6km AGL LR (C/km)	5.6
DCAPE (J/kg)	−159
6km Shear (kt)	53
1km Helicity (m2/s2)	52
3km Helicity (m2/s2)	314
BRN Shear (m2/s2)	208
Sfc−2km SR Wind (kt)	24
4−6km SR Wind (kt)	29
Estimated Storm Motion (kt)	288/29

CHH – 0000 UTC Day 2
OBSERVED Sounding

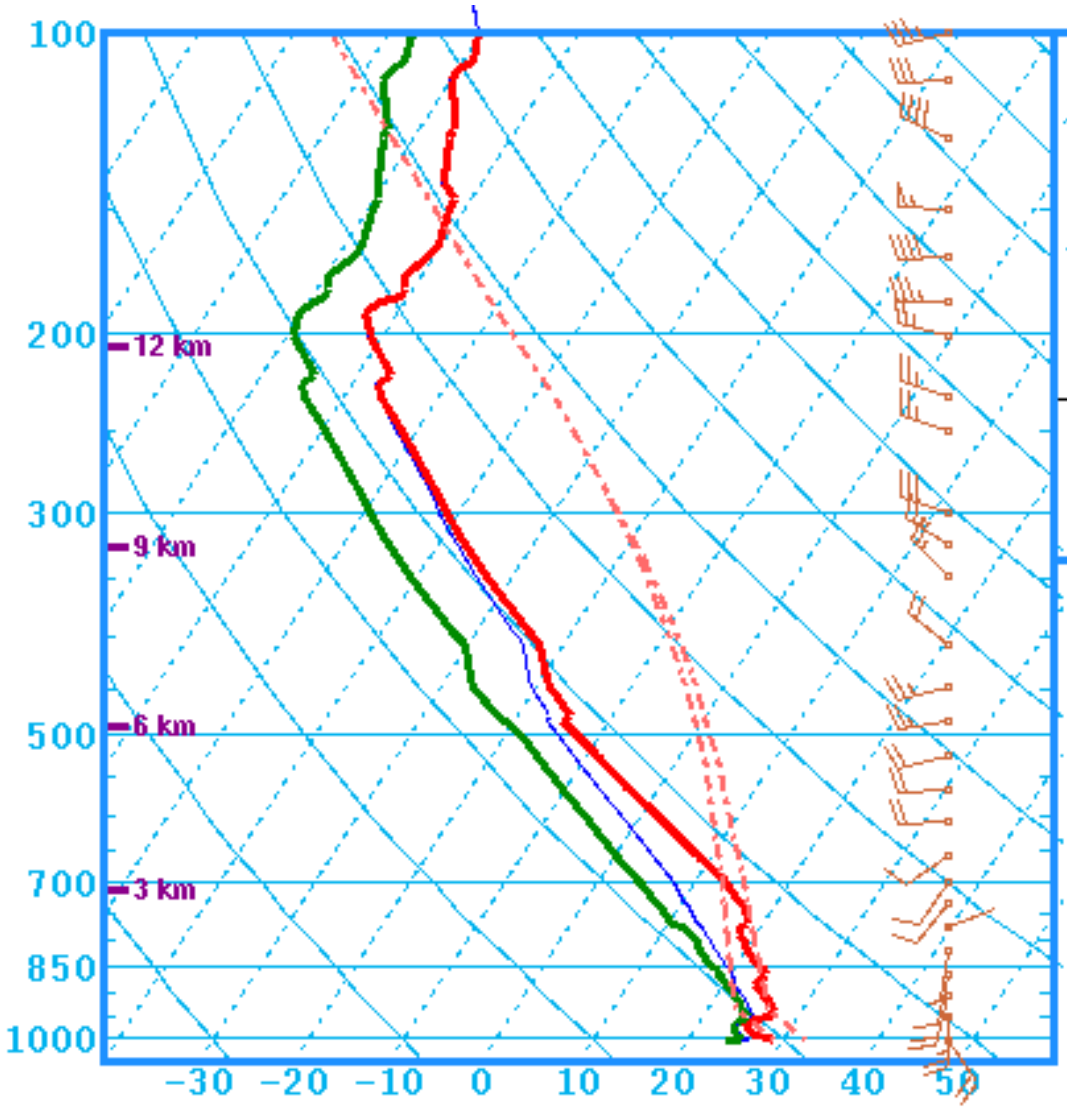
NWS/NCEP/SPC

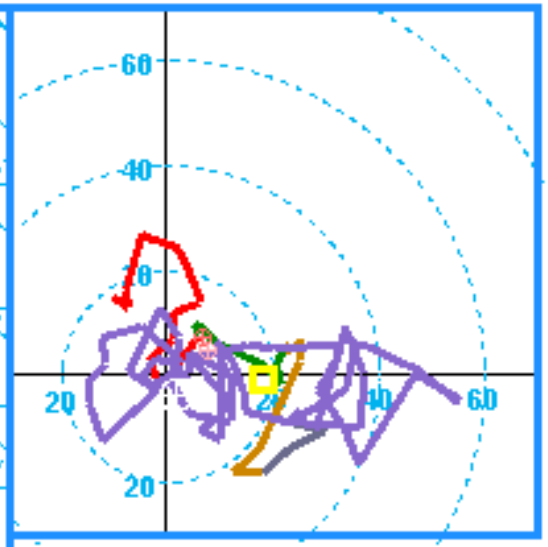


Sfc CAPE (J/kg)	2706
Sfc CIN (J/kg)	−405
Sfc LI−500mb (C)	−9
Sfc NV Cap (C)	7
Sfc NV LFC Hgt (m;agl)	3949
ML CAPE (J/kg)	1435
ML CIN (J/kg)	−1078
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.20
WBZ Hgt (ft;agl)	11329
Mean RH (%)	13
Sfc−3km AGL LR (C/km)	4.1
3km−6km AGL LR (C/km)	9.3
DCAPE (J/kg)	1230
6km Shear (kt)	26
1km Helicity (m2/s2)	170
3km Helicity (m2/s2)	143
BRN Shear (m2/s2)	12
Sfc−2km SR Wind (kt)	27
4−6km SR Wind (kt)	8
Estimated Storm Motion (kt)	215/12

CRP – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

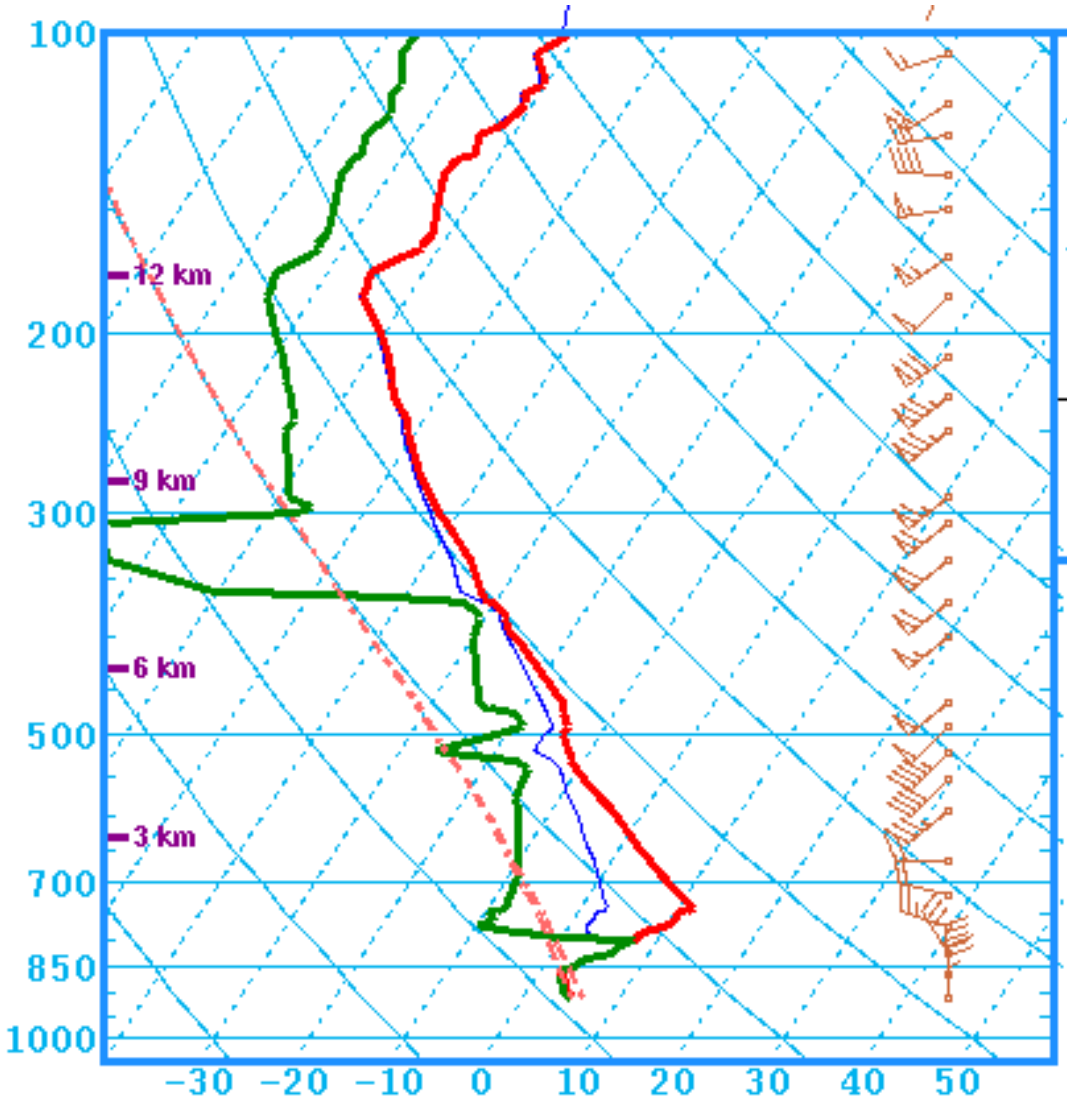


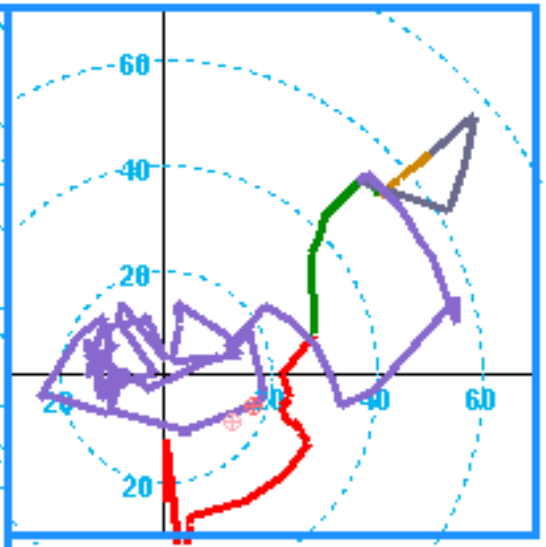


Sfc CAPE (J/kg)	5680
Sfc CIN (J/kg)	−171
Sfc LI−500mb (C)	−14
Sfc NV Cap (C)	4
Sfc NV LFC Hgt (m;agl)	3251
ML CAPE (J/kg)	7972
ML CIN (J/kg)	−130
ML NV LFC Hgt (m;agl)	4254
Mod PM Hail Size (in.)	nan
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	13500
Mean RH (%)	49
Sfc−3km AGL LR (C/km)	5.6
3km−6km AGL LR (C/km)	9.8
DCAPE (J/kg)	1250
6km Shear (kt)	35
1km Helicity (m2/s2)	133
3km Helicity (m2/s2)	109
BRN Shear (m2/s2)	33
Sfc−2km SR Wind (kt)	20
4−6km SR Wind (kt)	20
Estimated Storm Motion (kt)	337/ 4

CRP – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

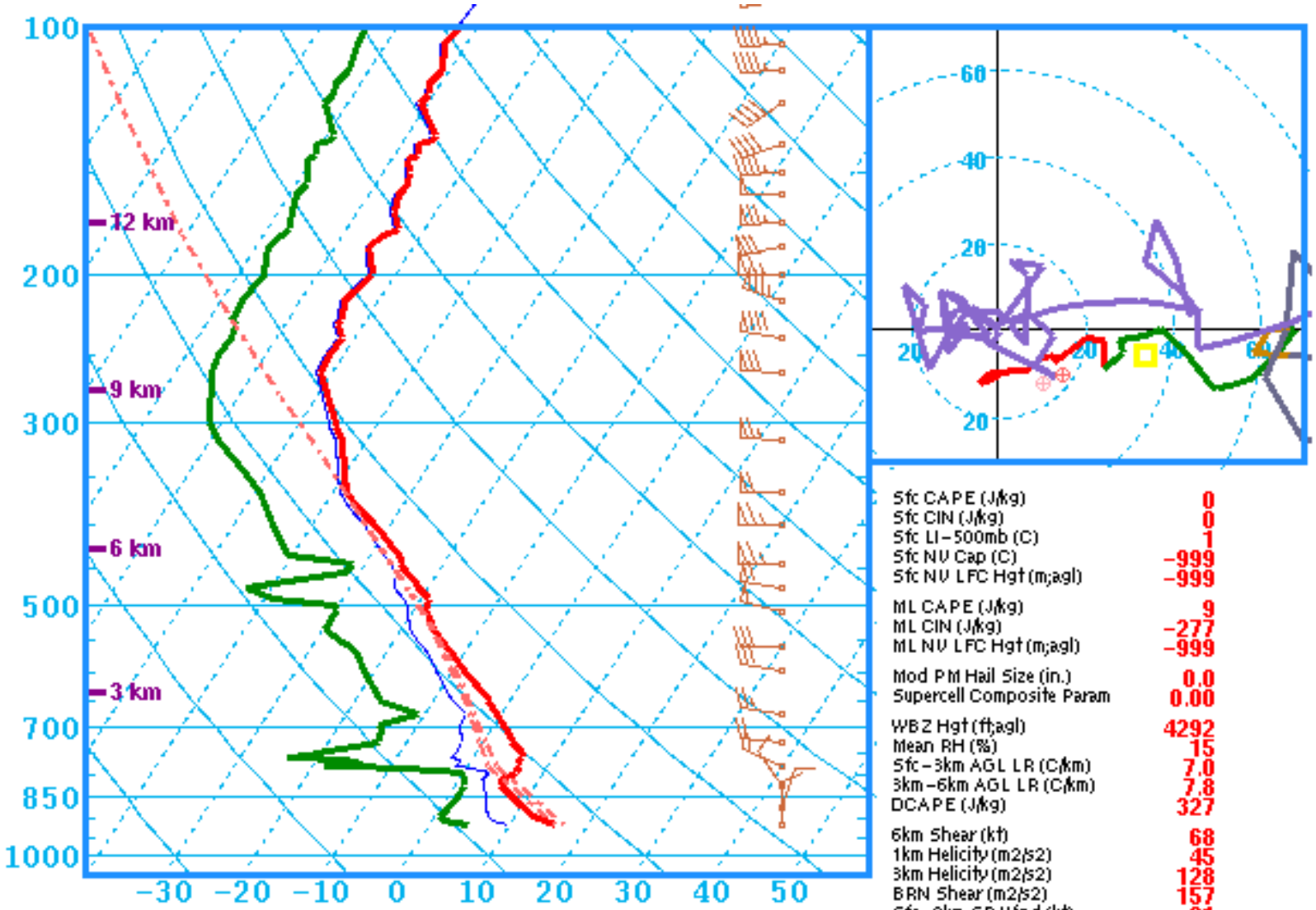




Sfc CAPE (J/kg)	3
Sfc CIN (J/kg)	−1832
Sfc LI−500mb (C)	13
Sfc NV Cap (C)	0
Sfc NV LFC Hgt (m;agl)	96
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	7257
Mean RH (%)	35
Sfc−3km AGL LR (C/km)	1.8
3km−6km AGL LR (C/km)	7.3
DCAPE (J/kg)	−27
6km Shear (kt)	72
1km Helicity (m2/s2)	−72
3km Helicity (m2/s2)	−1
BRN Shear (m2/s2)	151020
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	44
Estimated Storm Motion (kt)	287/34

DDC – 1200 UTC Day 1
OBSERVED Sounding

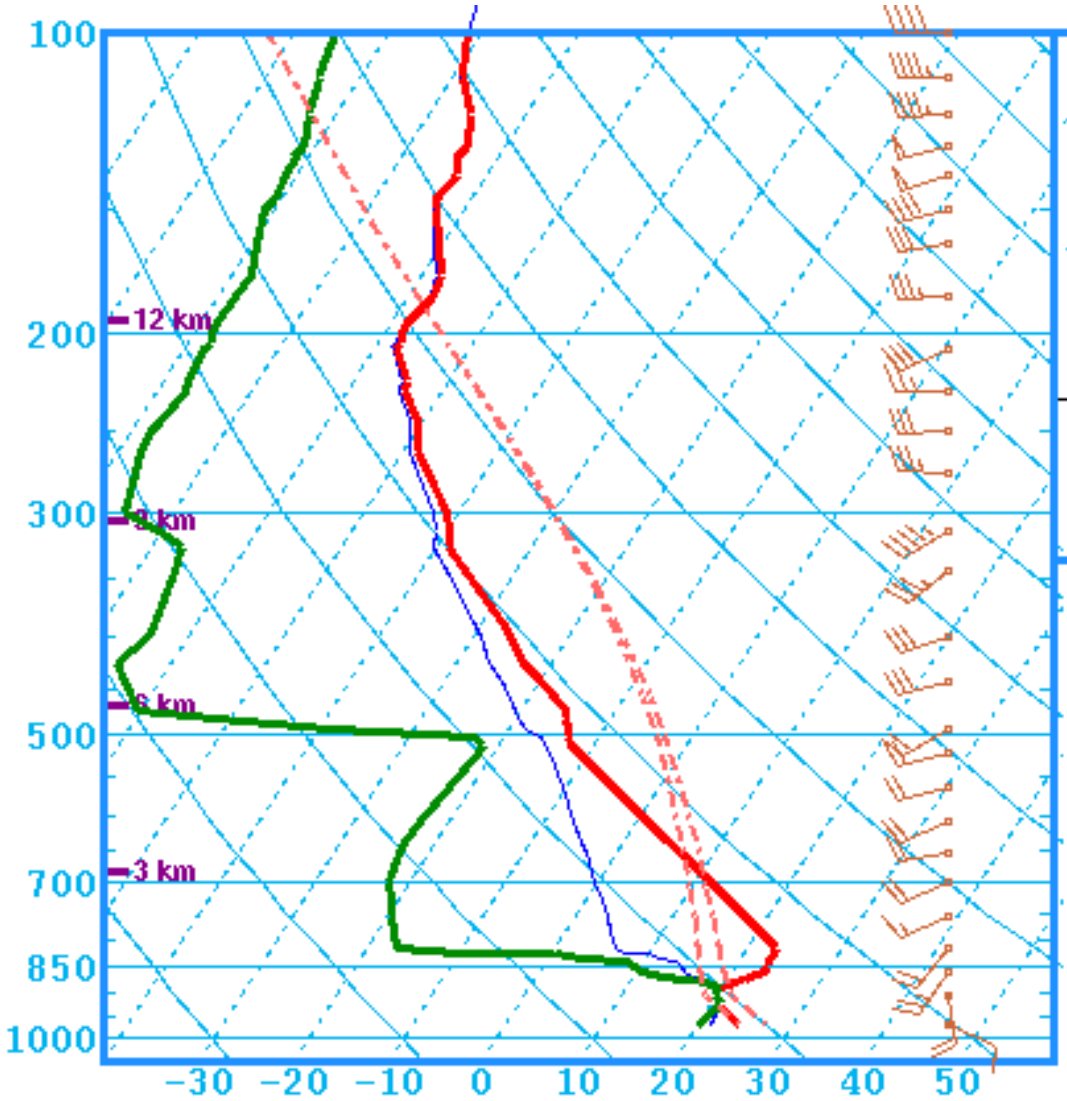
NWS/NCEP/SPC

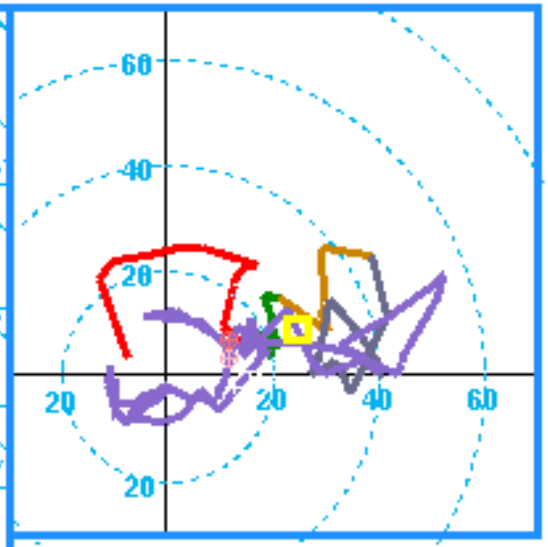


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	1
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	9
ML CIN (J/kg)	−277
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	4292
Mean RH (%)	15
Sfc−3km AGL LR (C/km)	7.0
3km−6km AGL LR (C/km)	7.8
DCAPE (J/kg)	327
6km Shear (kt)	68
1km Helicity (m2/s2)	45
3km Helicity (m2/s2)	128
BRN Shear (m2/s2)	157
Sfc−2km SR Wind (kt)	21
4−6km SR Wind (kt)	33
Estimated Storm Motion (kt)	314/31

DDC – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

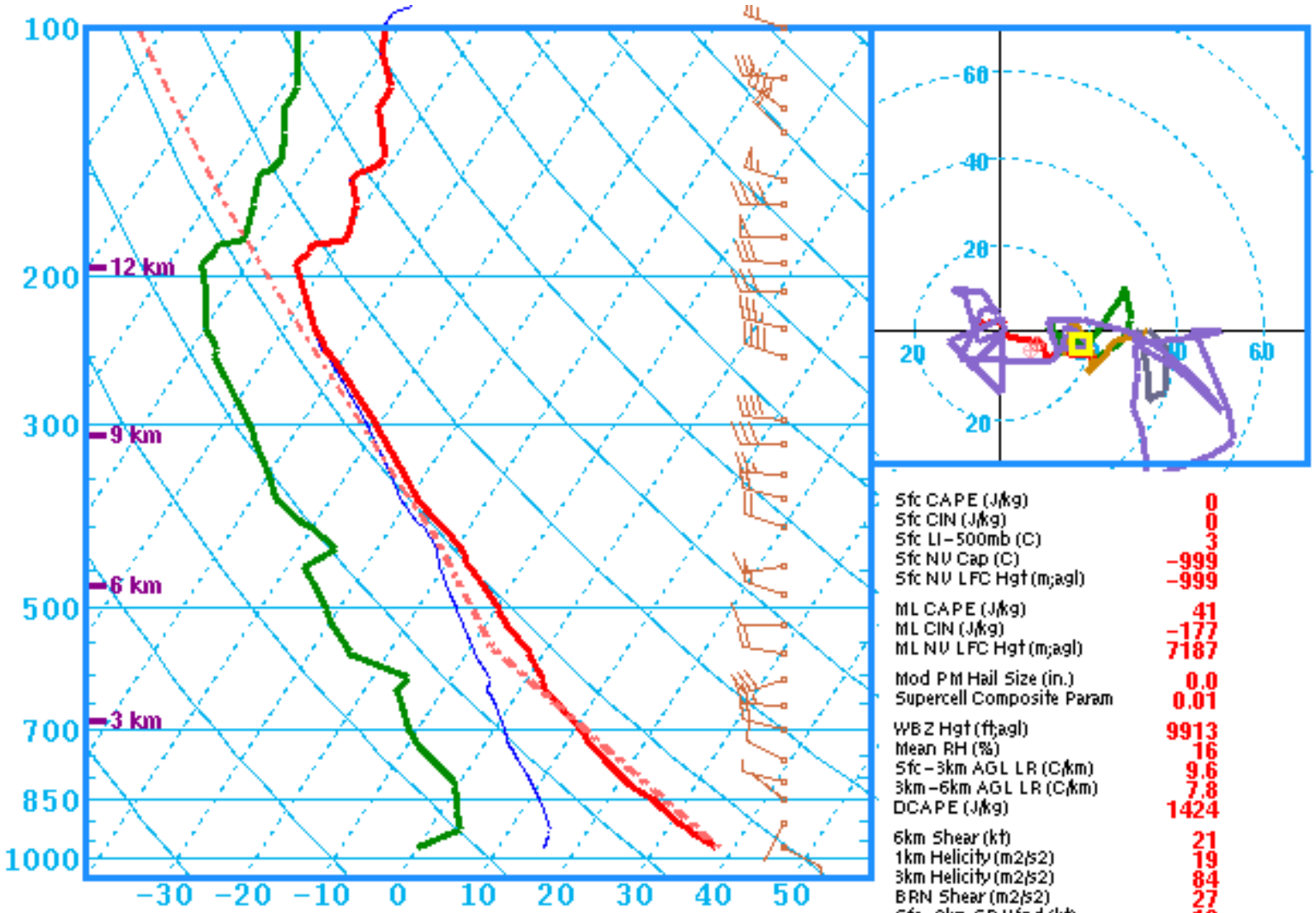




Sfc CAPE (J/kg)	3250
Sfc CIN (J/kg)	−291
Sfc LI−500mb (C)	−10
Sfc NV Cap (C)	8
Sfc NV LFC Hgt (m;agl)	3345
ML CAPE (J/kg)	4975
ML CIN (J/kg)	−295
ML NV LFC Hgt (m;agl)	5173
Mod PM Hail Size (in.)	8.6
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	8955
Mean RH (%)	7
Sfc−3km AGL LR (C/km)	5.8
3km−6km AGL LR (C/km)	8.7
DCAPE (J/kg)	889
6km Shear (kt)	32
1km Helicity (m2/s2)	310
3km Helicity (m2/s2)	288
BRN Shear (m2/s2)	61
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	11
Estimated Storm Motion (kt)	279/16

DRT −1200 UTC Day 1
OBSERVED Sounding

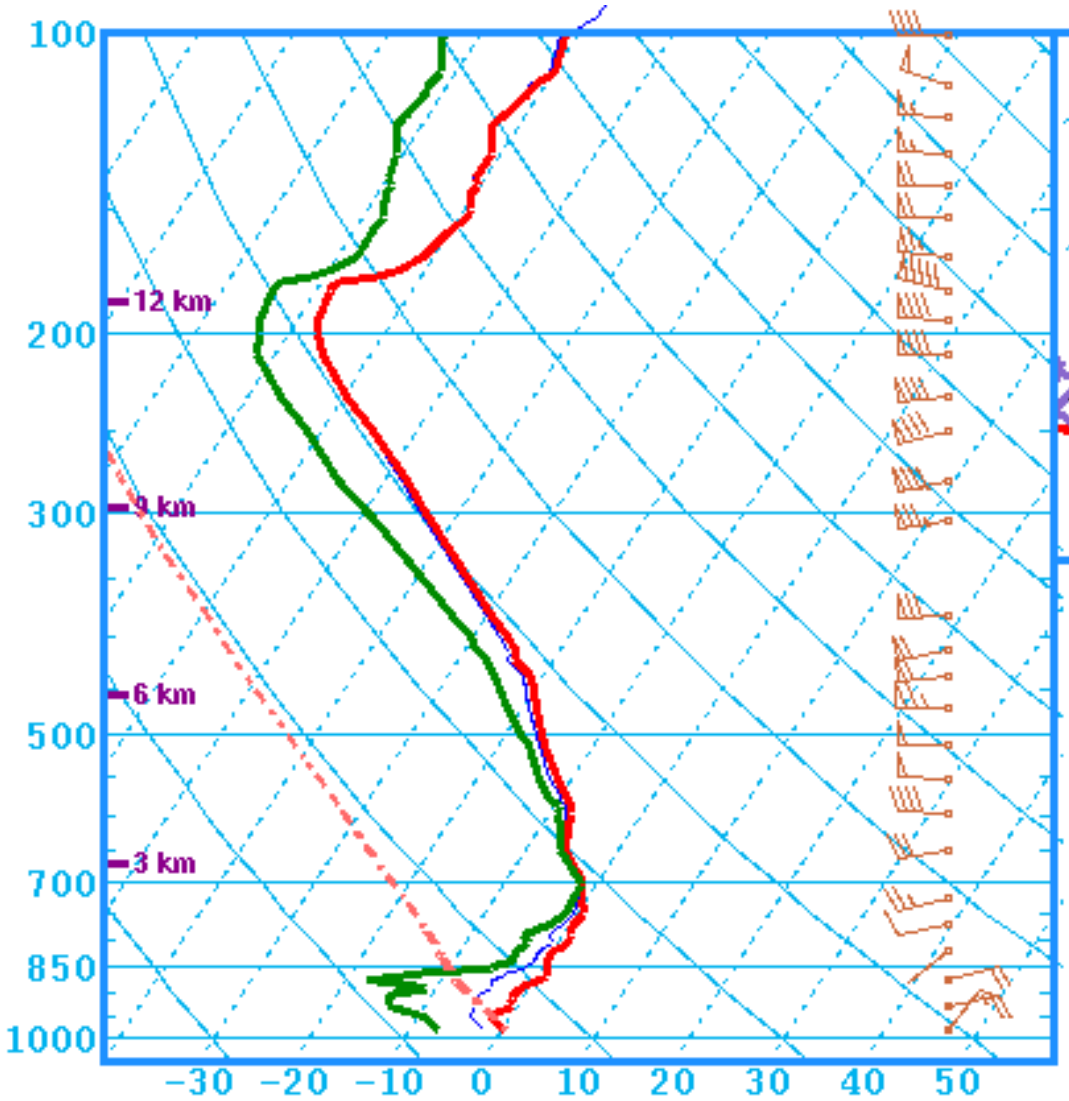
NWS/NCEP/SPC

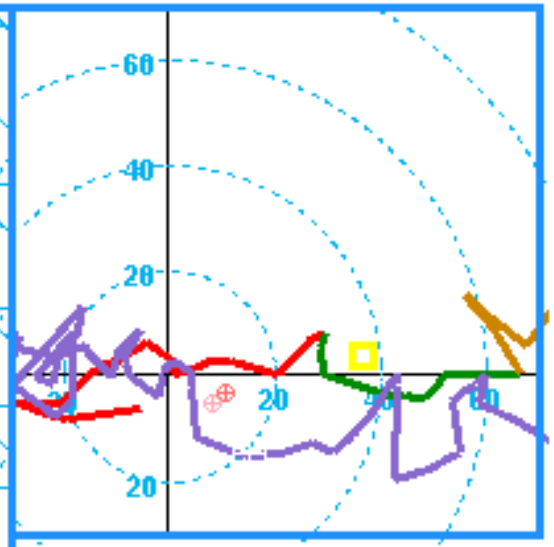


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	3
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	41
ML CIN (J/kg)	−177
ML NV LFC Hgt (m;agl)	7187
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.01
WBZ Hgt (ft;agl)	9913
Mean RH (%)	16
Sfc−3km AGL LR (C/km)	9.6
3km−6km AGL LR (C/km)	7.8
DCAPE (J/kg)	1424
6km Shear (kt)	21
1km Helicity (m2/s2)	19
3km Helicity (m2/s2)	84
BRN Shear (m2/s2)	27
Sfc−2km SR Wind (kt)	16
4−6km SR Wind (kt)	18
Estimated Storm Motion (kt)	335/16

DRT – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

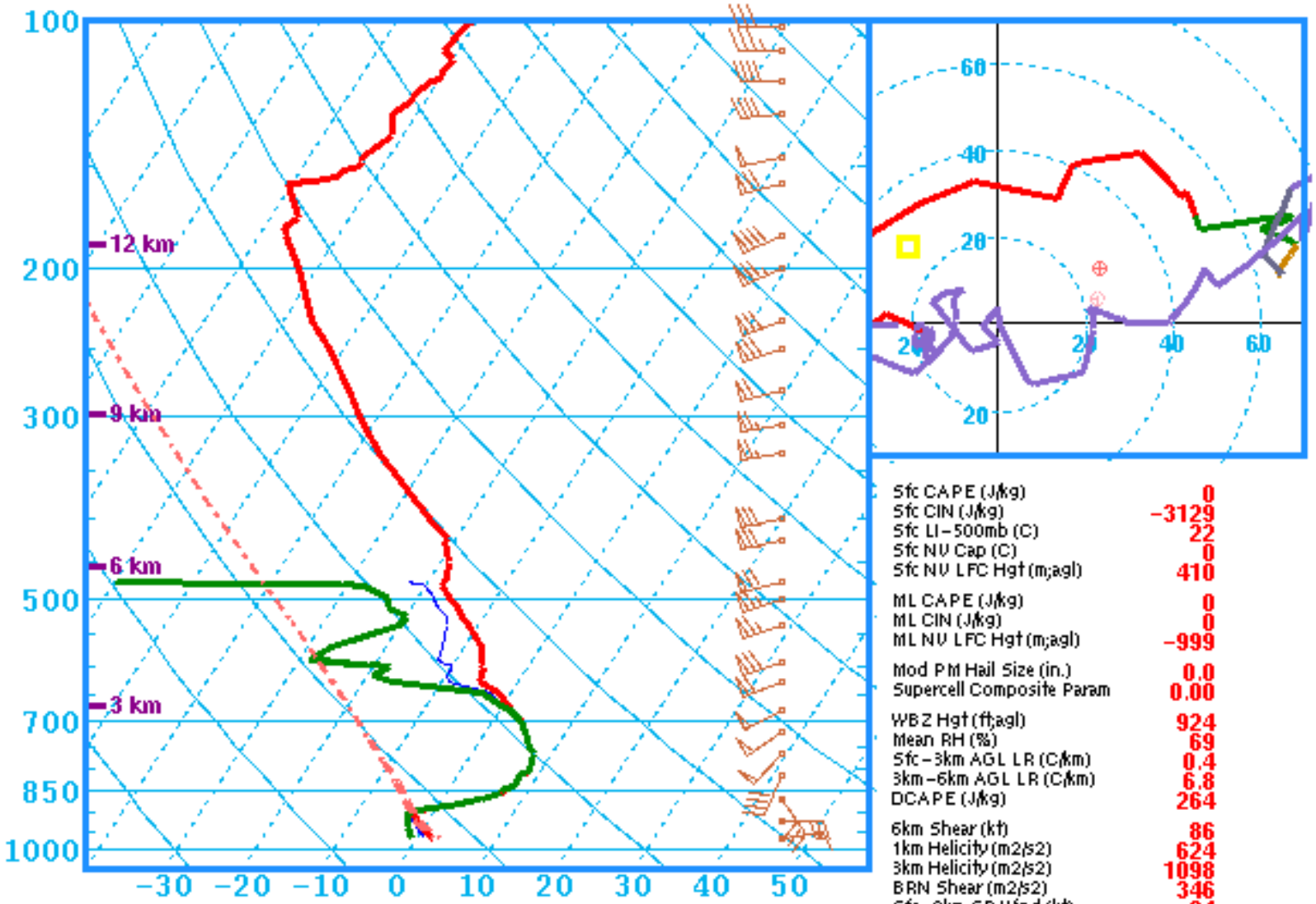




Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	27
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	−999
Mean RH (%)	16
Sfc−3km AGL LR (C/km)	1.2
3km−6km AGL LR (C/km)	5.4
DCAPE (J/kg)	−89
6km Shear (kt)	70
1km Helicity (m2/s2)	48
3km Helicity (m2/s2)	273
BRN Shear (m2/s2)	135
Sfc−2km SR Wind (kt)	30
4−6km SR Wind (kt)	40
Estimated Storm Motion (kt)	314/21
Best Guess Precip Type	Rain.

DTX – 1200 UTC Day 1
OBSERVED Sounding

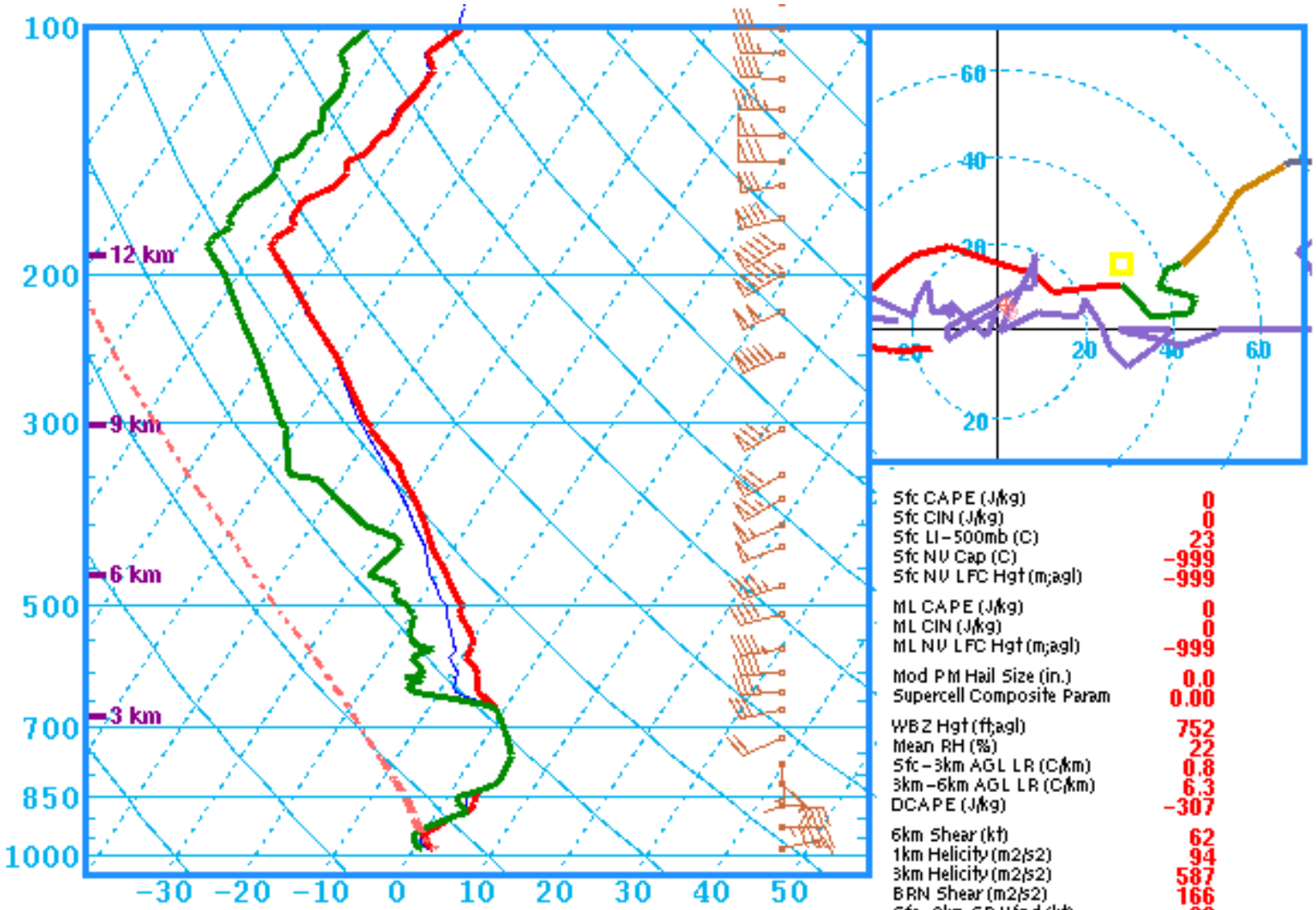
NWS/NCEP/SPC



Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	−3129
Sfc LI−500mb (C)	22
Sfc NV Cap (C)	0
Sfc NV LFC Hgt (m;agl)	410
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	924
Mean RH (%)	69
Sfc−3km AGL LR (C/km)	0.4
3km−6km AGL LR (C/km)	6.8
DCAPE (J/kg)	264
6km Shear (kt)	86
1km Helicity (m2/s2)	624
3km Helicity (m2/s2)	1098
BRN Shear (m2/s2)	346
Sfc−2km SR Wind (kt)	34
4−6km SR Wind (kt)	42
Estimated Storm Motion (kt)	254/27
Best Guess Precip Type	Rain.

DTX – 0000 UTC Day 2
OBSERVED Sounding

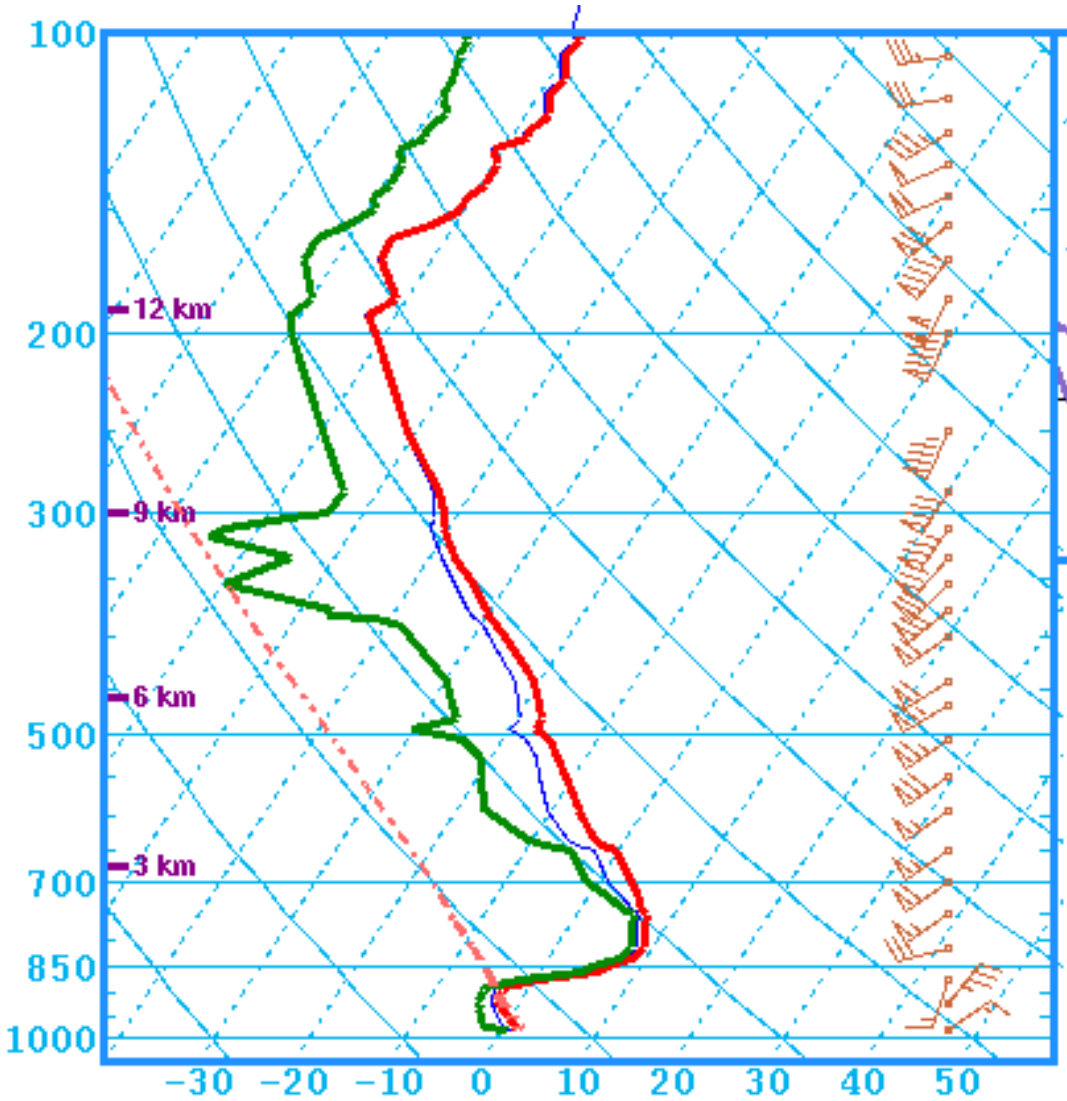
NWS/NCEP/SPC

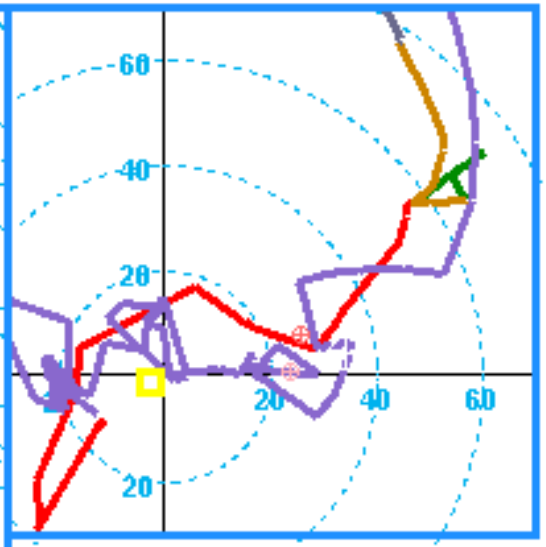


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	23
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	752
Mean RH (%)	22
Sfc−3km AGL LR (C/km)	0.8
3km−6km AGL LR (C/km)	6.3
DCAPE (J/kg)	−307
6km Shear (kt)	62
1km Helicity (m2/s2)	94
3km Helicity (m2/s2)	587
BRN Shear (m2/s2)	166
Sfc−2km SR Wind (kt)	36
4−6km SR Wind (kt)	40
Estimated Storm Motion (kt)	323/ 9
Best Guess Precip Type	Rain.

DVN – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

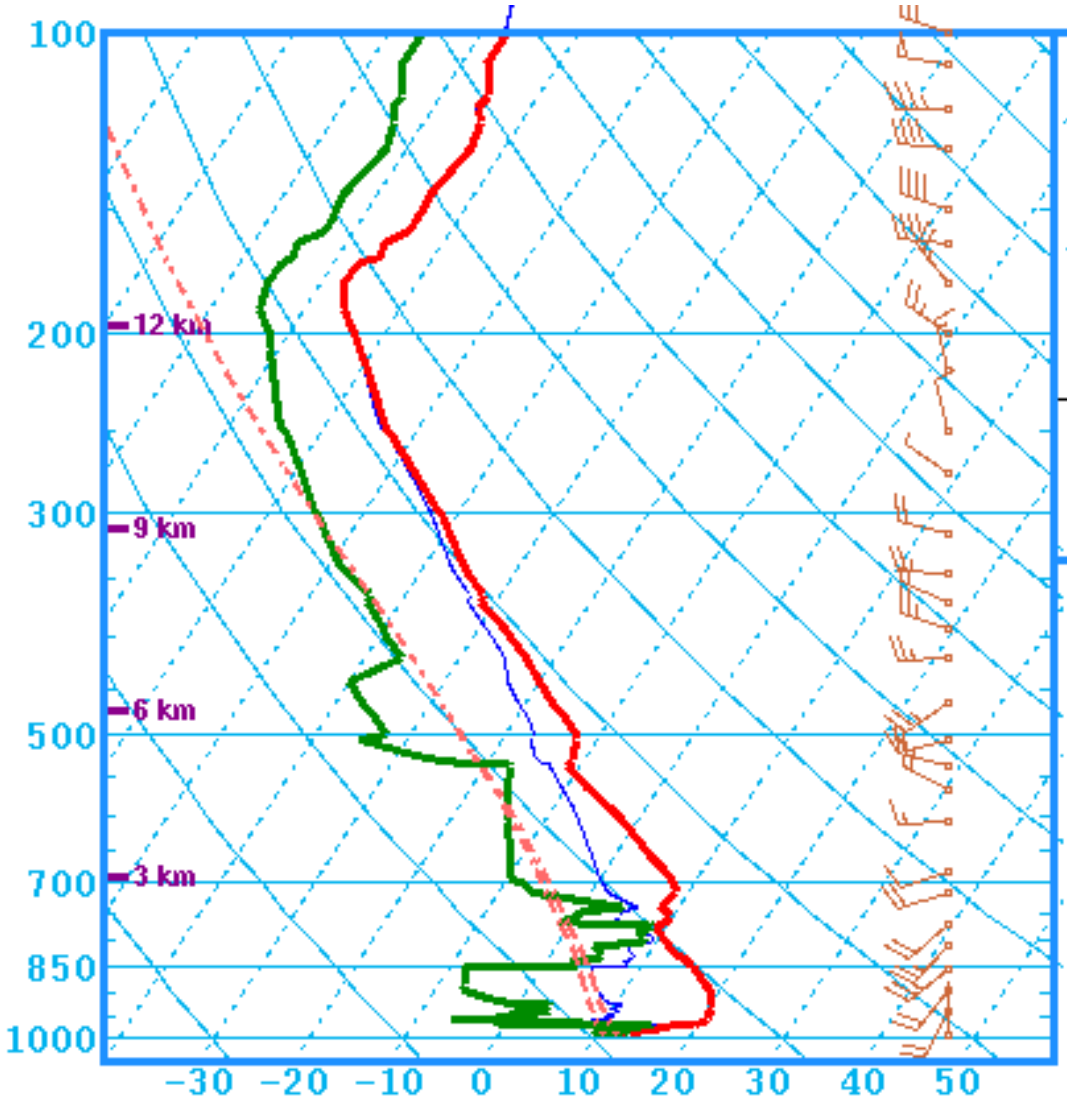


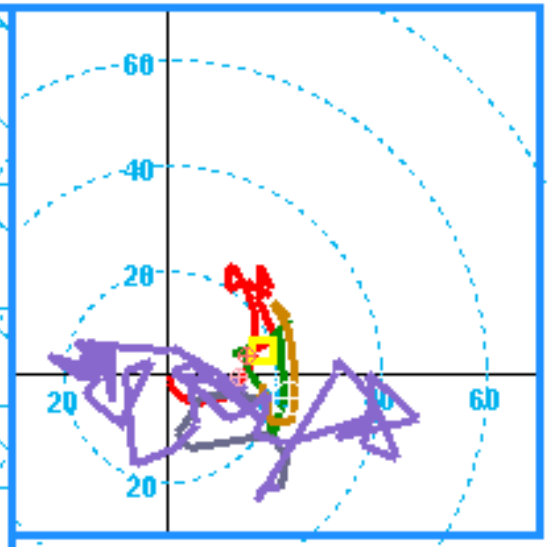


Sfc CAPE (J/kg)	4
Sfc CIN (J/kg)	−3247
Sfc LI−500mb (C)	22
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	109
Mean RH (%)	21
Sfc−3km AGL LR (C/km)	0.0
3km−6km AGL LR (C/km)	7.1
DCAPE (J/kg)	81
6km Shear (kt)	78
1km Helicity (m2/s2)	391
3km Helicity (m2/s2)	419
BRN Shear (m2/s2)	458
Sfc−2km SR Wind (kt)	31
4−6km SR Wind (kt)	38
Estimated Storm Motion (kt)	263/35
Best Guess Precip Type	Rain.

DVN – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

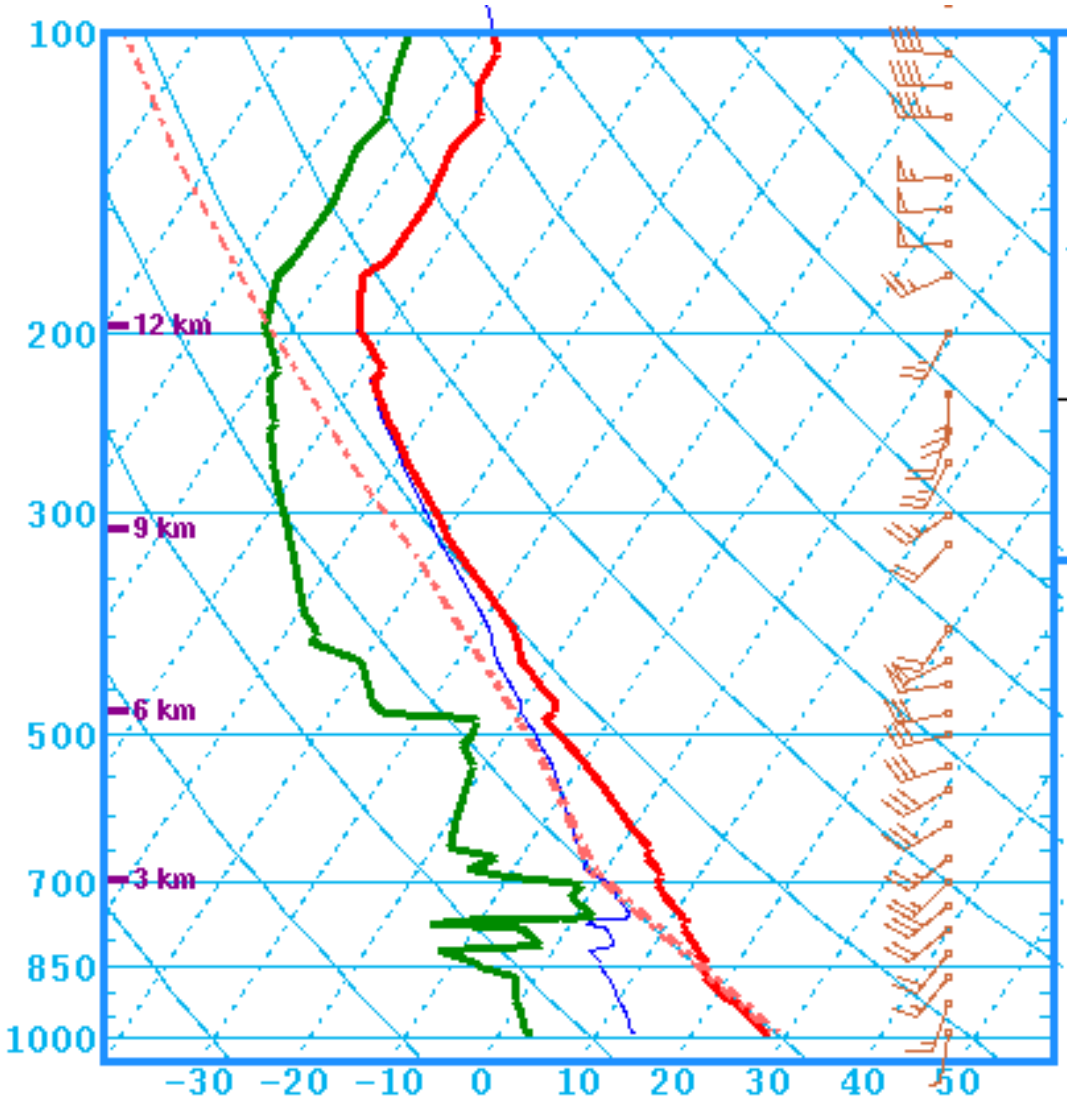


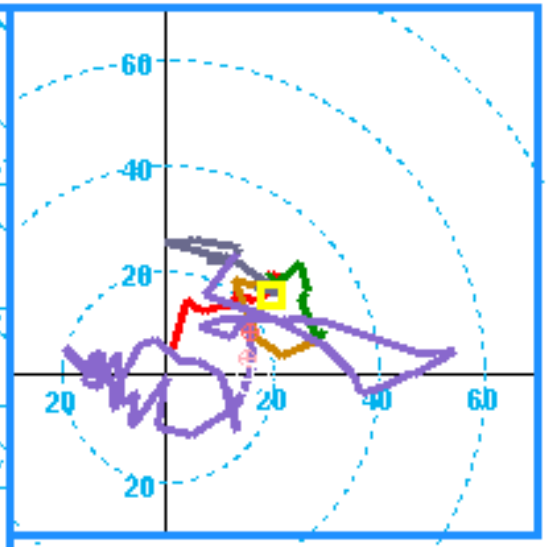


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	12
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	9775
Mean RH (%)	29
Sfc−3km AGL LR (C/km)	1.6
3km−6km AGL LR (C/km)	7.8
DCAPE (J/kg)	983
6km Shear (kt)	24
1km Helicity (m2/s2)	14
3km Helicity (m2/s2)	2
BRN Shear (m2/s2)	5
Sfc−2km SR Wind (kt)	20
4−6km SR Wind (kt)	4
Estimated Storm Motion (kt)	280/23

FFC – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

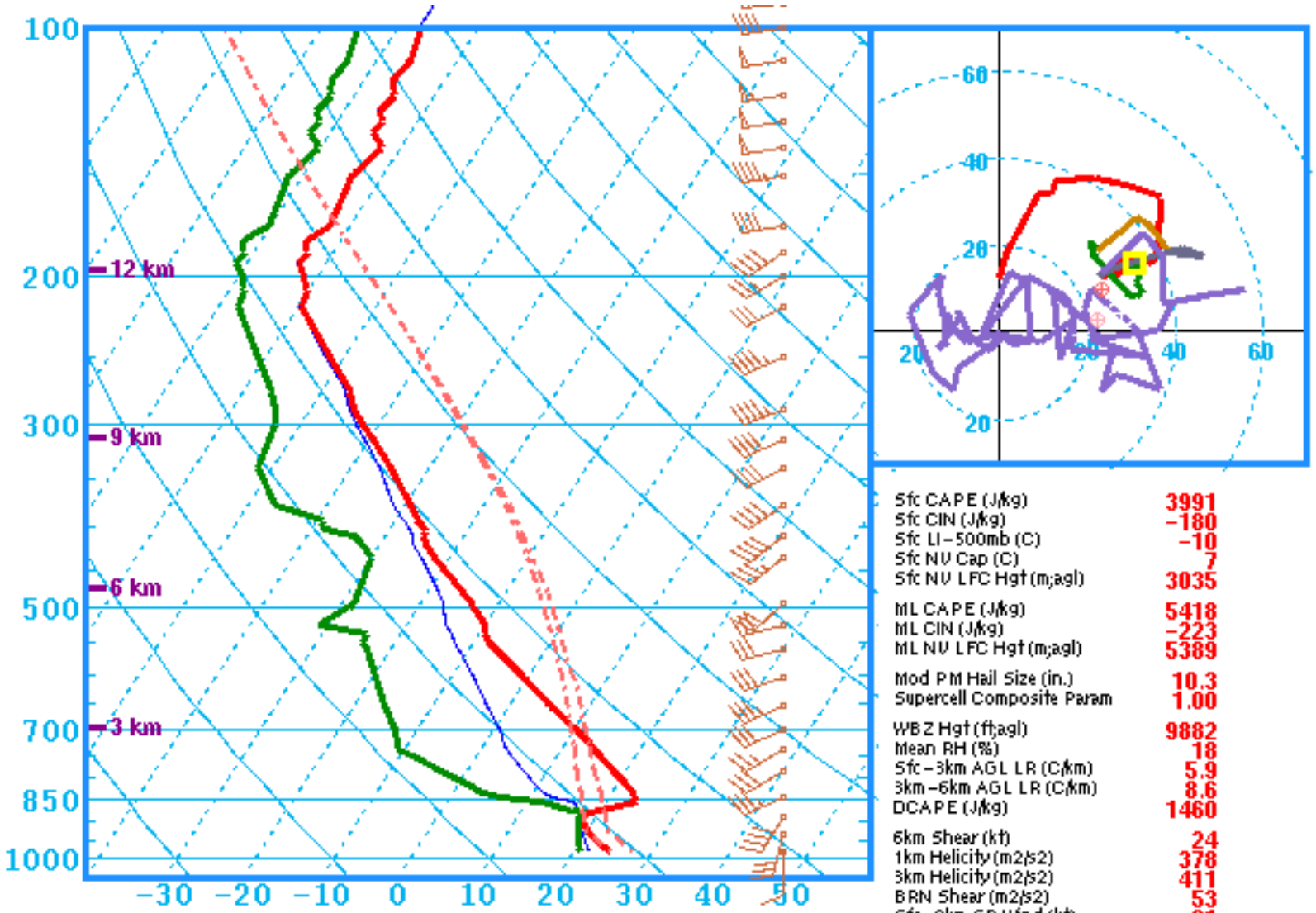




Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	3
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	9837
Mean RH (%)	21
Sfc−3km AGL LR (C/km)	7.5
3km−6km AGL LR (C/km)	7.6
DCAPE (J/kg)	611
6km Shear (kt)	27
1km Helicity (m2/s2)	50
3km Helicity (m2/s2)	94
BRN Shear (m2/s2)	22
Sfc−2km SR Wind (kt)	16
4−6km SR Wind (kt)	16
Estimated Storm Motion (kt)	272/16

FFC – 0000 UTC Day 2
OBSERVED Sounding

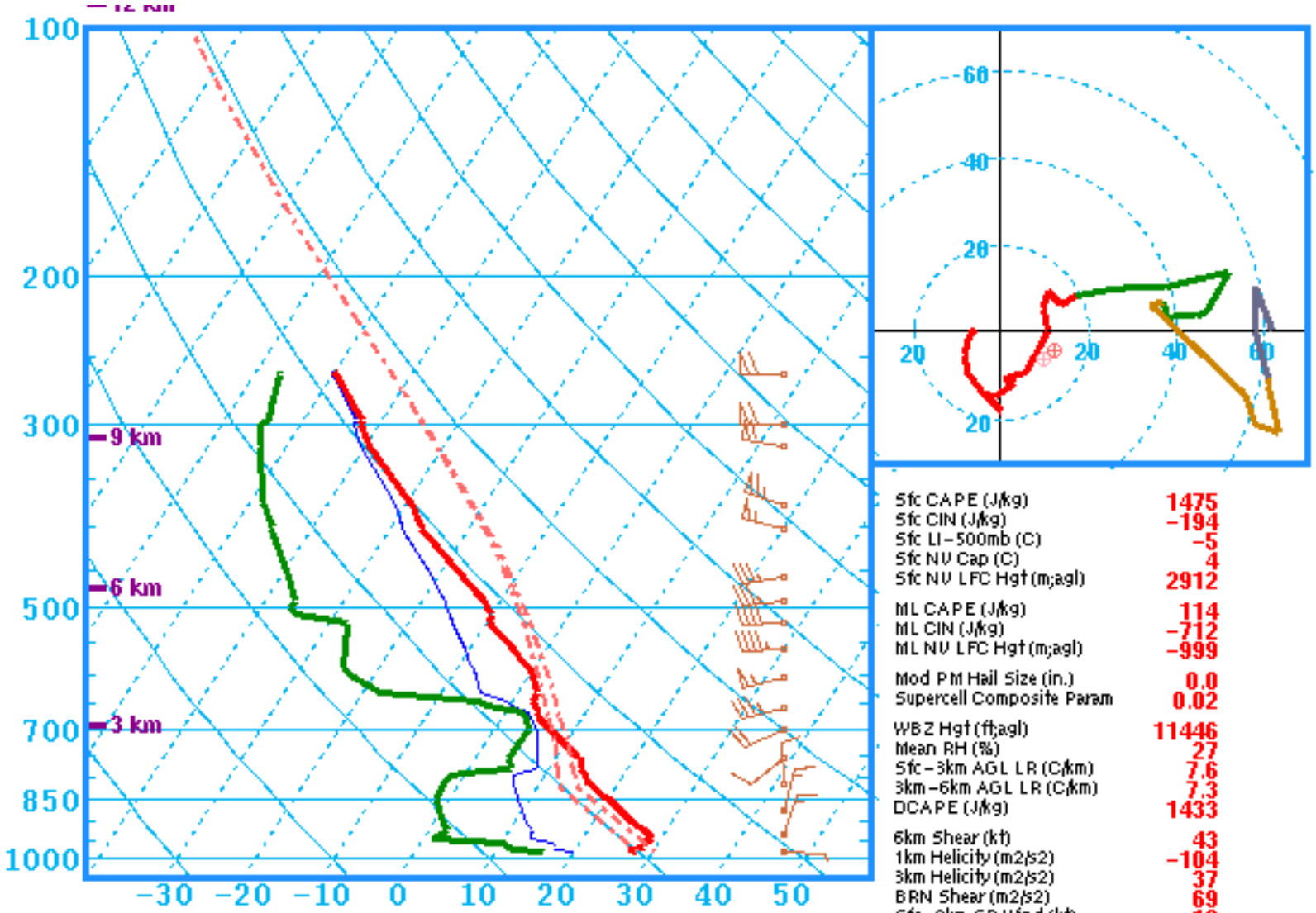
NWS/NCEP/SPC



Sfc CAPE (J/kg)	3991
Sfc CIN (J/kg)	−180
Sfc LI−500mb (C)	−10
Sfc NV Cap (C)	7
Sfc NV LFC Hgt (m;agl)	3035
ML CAPE (J/kg)	5418
ML CIN (J/kg)	−223
ML NV LFC Hgt (m;agl)	5389
Mod PM Hail Size (in.)	10.3
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	9882
Mean RH (%)	18
Sfc−3km AGL LR (C/km)	5.9
3km−6km AGL LR (C/km)	8.6
DCAPE (J/kg)	1460
6km Shear (kt)	24
1km Helicity (m2/s2)	378
3km Helicity (m2/s2)	411
BRN Shear (m2/s2)	53
Sfc−2km SR Wind (kt)	21
4−6km SR Wind (kt)	8
Estimated Storm Motion (kt)	262/28

FWD – 1200 UTC Day 1
OBSERVED Sounding

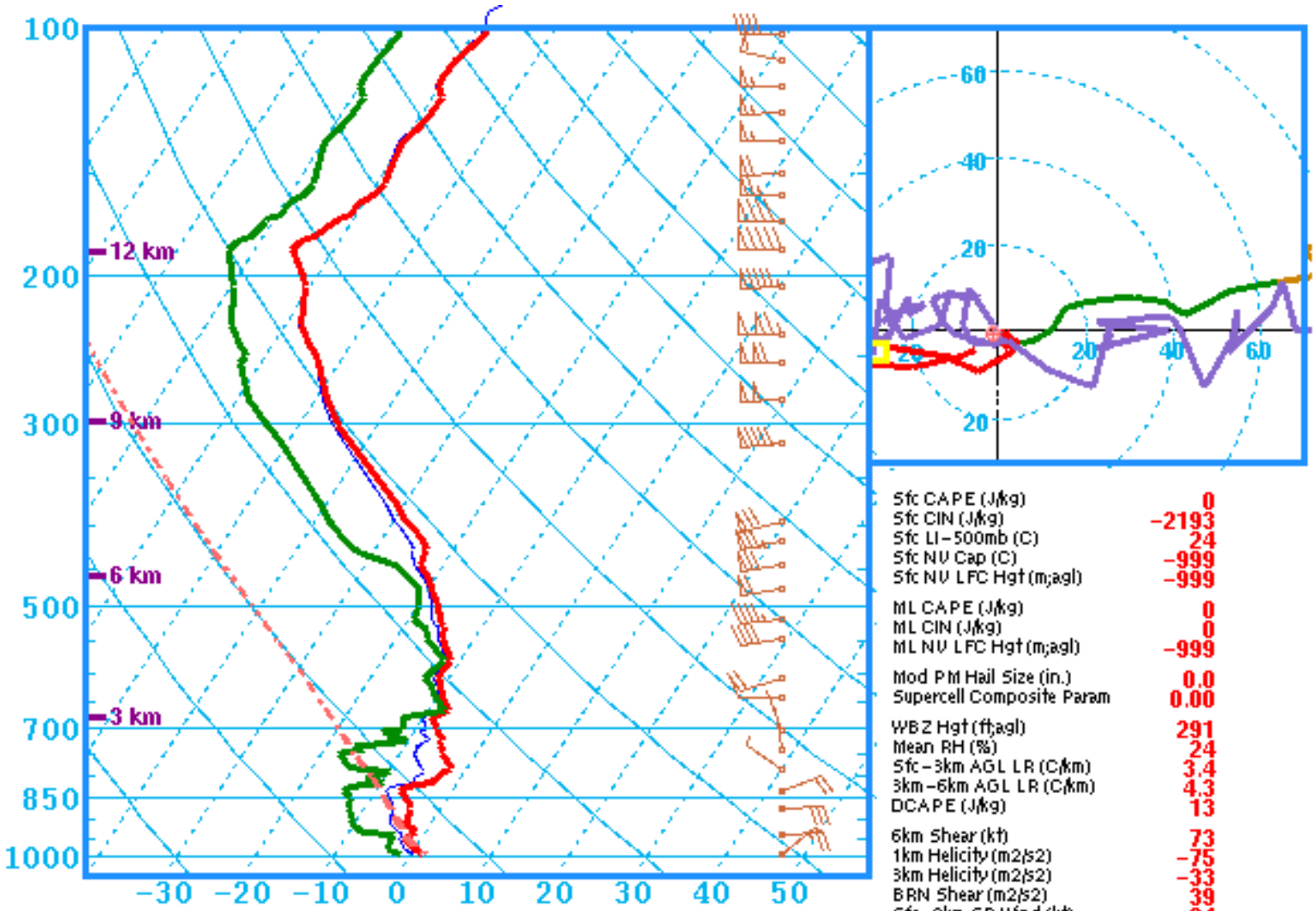
NWS/NCEP/SPC



Sfc CAPE (J/kg)	1475
Sfc CIN (J/kg)	−194
Sfc LI−500mb (C)	−5
Sfc NV Cap (C)	4
Sfc NV LFC Hgt (m;agl)	2912
ML CAPE (J/kg)	114
ML CIN (J/kg)	−712
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.02
WBZ Hgt (ft;agl)	11446
Mean RH (%)	27
Sfc−3km AGL LR (C/km)	7.6
3km−6km AGL LR (C/km)	7.3
DCAPE (J/kg)	1433
6km Shear (kt)	43
1km Helicity (m2/s2)	−104
3km Helicity (m2/s2)	37
BRN Shear (m2/s2)	69
Sfc−2km SR Wind (kt)	19
4−6km SR Wind (kt)	34
Estimated Storm Motion (kt)	312/23

FWD – 0000 UTC Day 2
OBSERVED Sounding

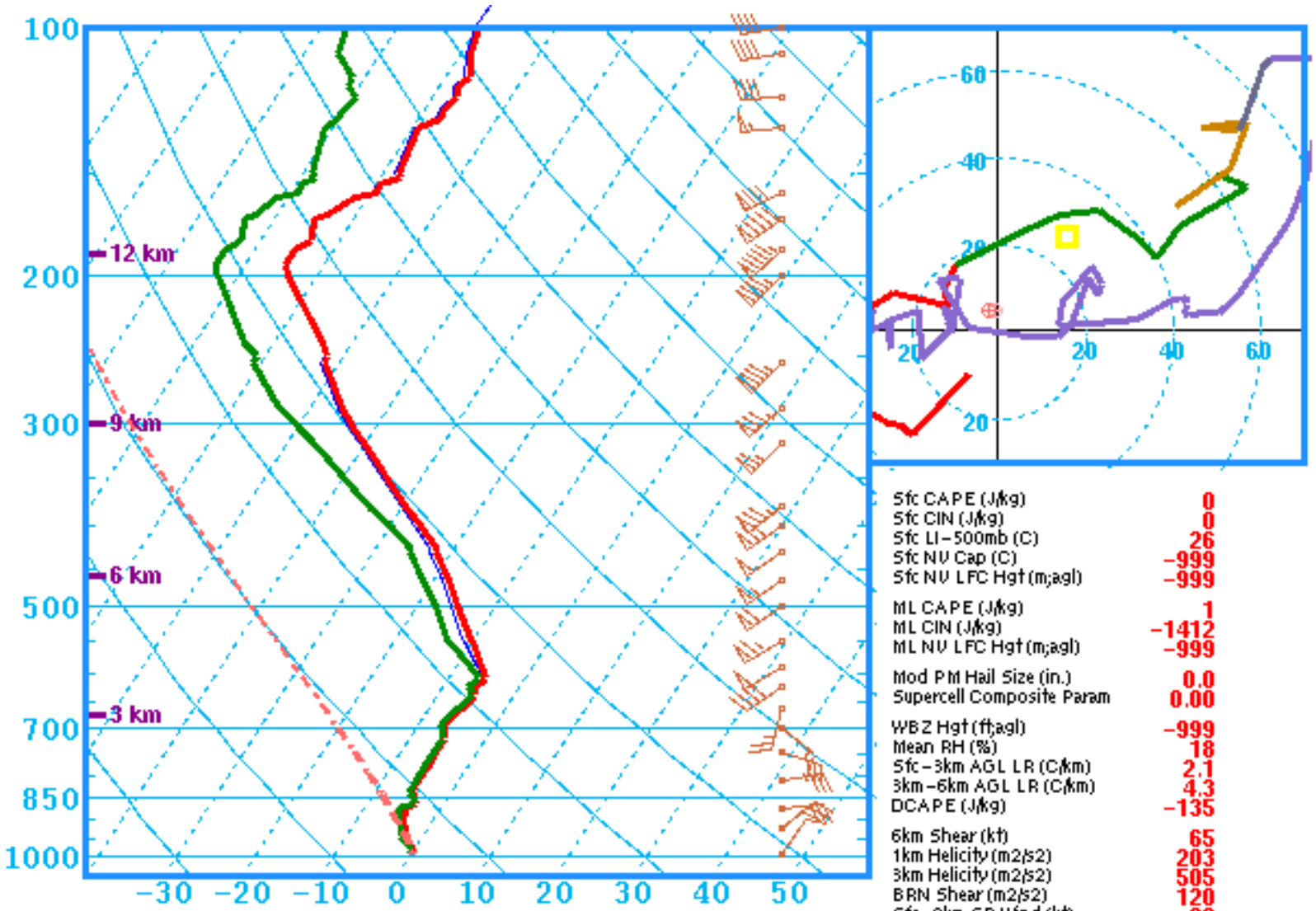
NWS/NCEP/SPC



Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	−2193
Sfc LI−500mb (C)	24
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	291
Mean RH (%)	24
Sfc−3km AGL LR (C/km)	3.4
3km−6km AGL LR (C/km)	4.3
DCAPE (J/kg)	13
6km Shear (kt)	73
1km Helicity (m2/s2)	−75
3km Helicity (m2/s2)	−33
BRN Shear (m2/s2)	39
Sfc−2km SR Wind (kt)	24
4−6km SR Wind (kt)	48
Estimated Storm Motion (kt)	353/15
Best Guess Precip Type	Snow.

GRB – 1200 UTC Day 1
OBSERVED Sounding

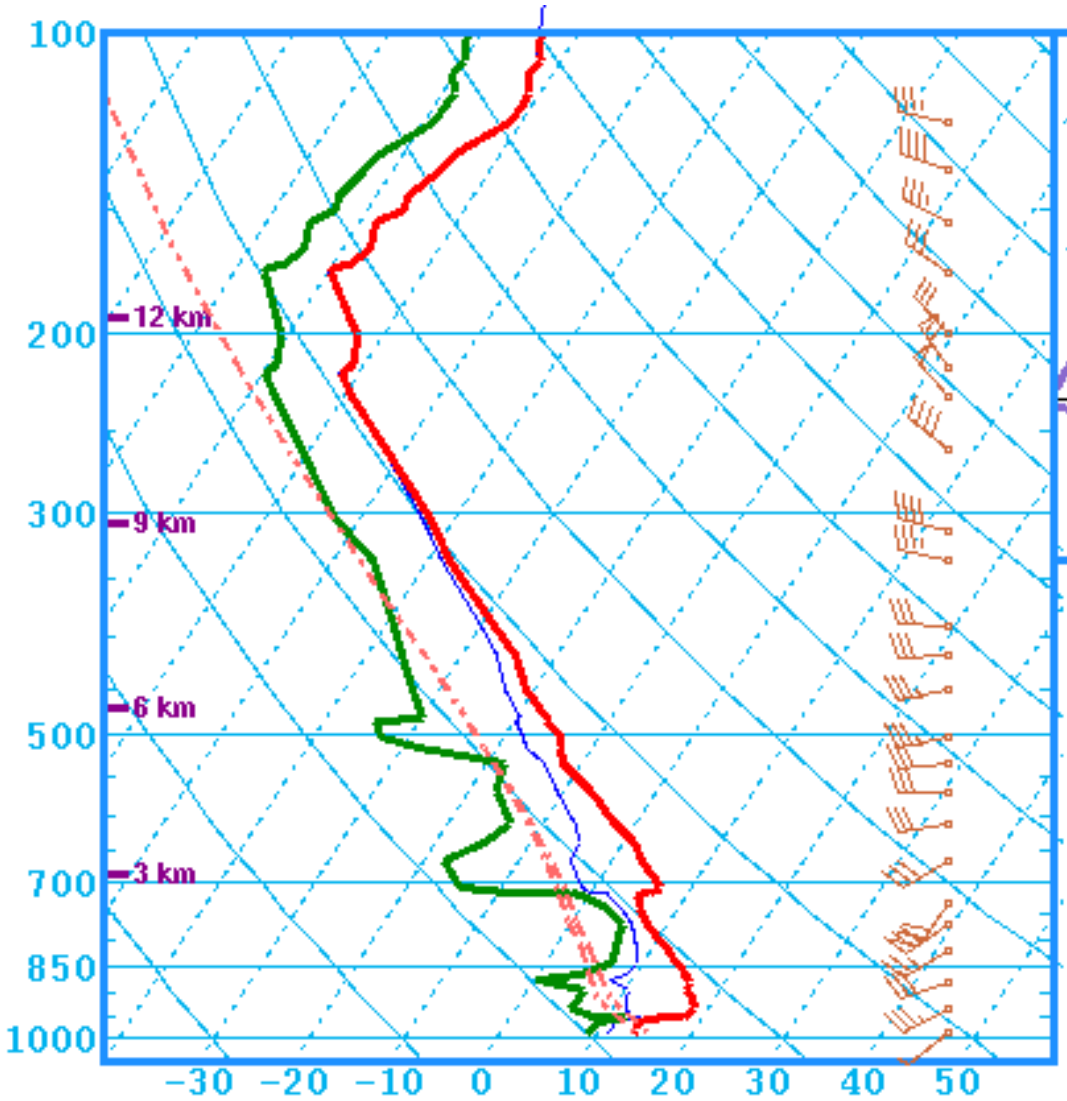
NWS/NCEP/SPC

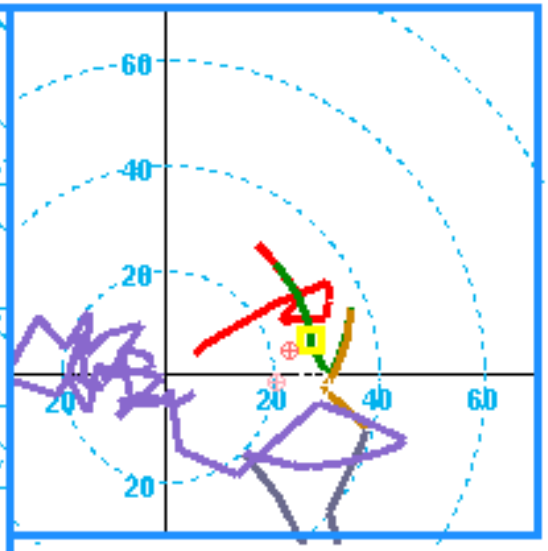


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI-500mb (C)	26
Sfc NV Cap (C)	-999
Sfc NV LFC Hgt (m;agl)	-999
ML CAPE (J/kg)	1
ML CIN (J/kg)	-1412
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	-999
Mean RH (%)	18
Sfc-3km AGL LR (C/km)	2.1
3km-6km AGL LR (C/km)	4.3
DCAPE (J/kg)	-135
6km Shear (kt)	65
1km Helicity (m2/s2)	203
3km Helicity (m2/s2)	505
BRN Shear (m2/s2)	120
Sfc-2km SR Wind (kt)	33
4-6km SR Wind (kt)	59
Estimated Storm Motion (kt)	324/ 8
Best Guess Precip Type	Sleet and Snow.

GRB – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

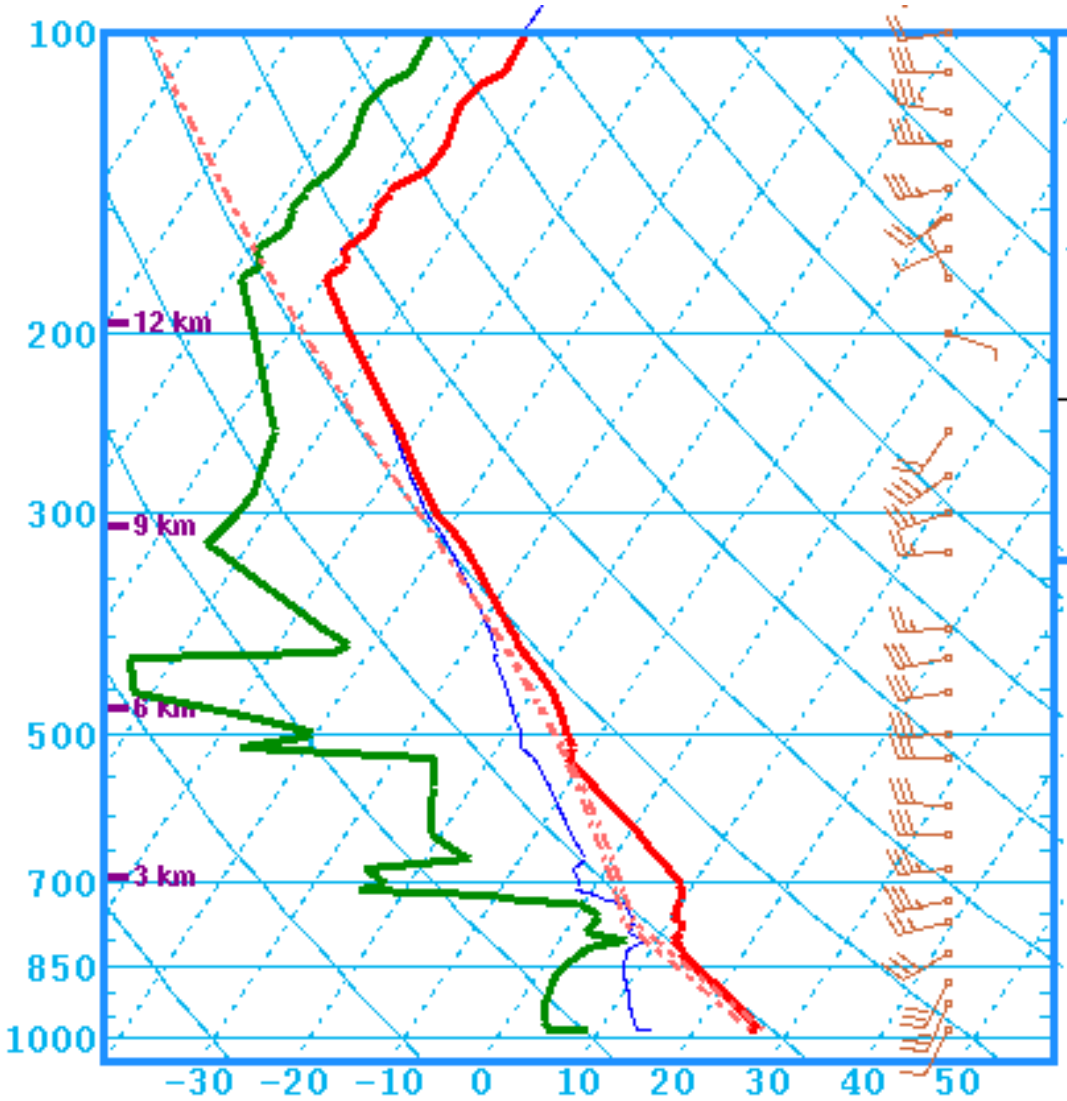


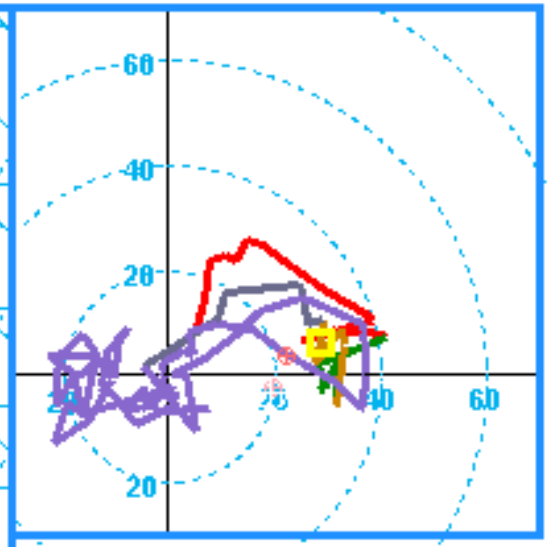


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	−999
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	2
ML CIN (J/kg)	−988
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	8853
Mean RH (%)	21
Sfc−3km AGL LR (C/km)	3.2
3km−6km AGL LR (C/km)	7.8
DCAPE (J/kg)	719
6km Shear (kt)	30
1km Helicity (m2/s2)	129
3km Helicity (m2/s2)	115
BRN Shear (m2/s2)	2
Sfc−2km SR Wind (kt)	15
4−6km SR Wind (kt)	8
Estimated Storm Motion (kt)	274/28

GSO – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

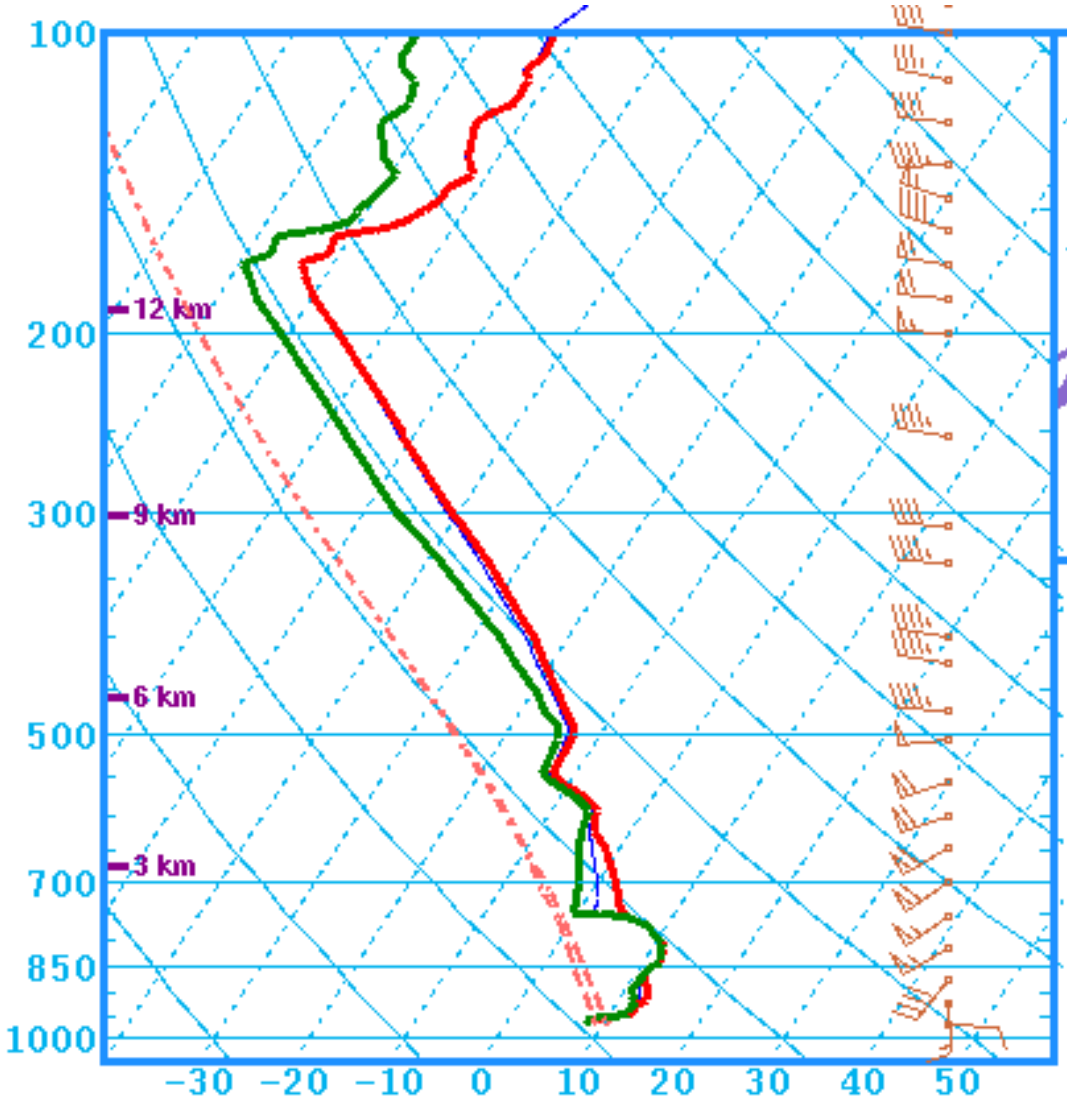


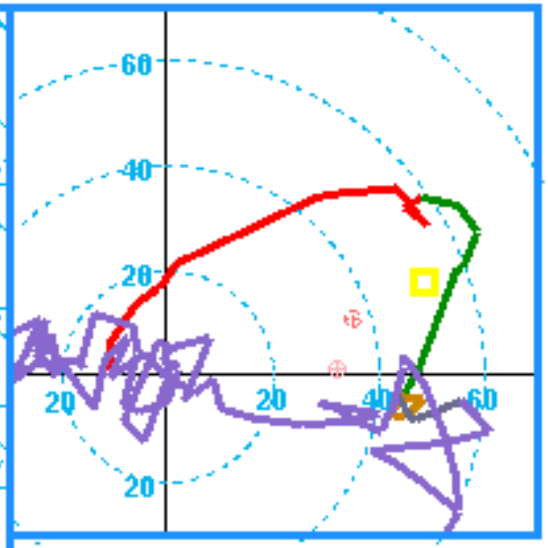


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	1
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	8795
Mean RH (%)	14
Sfc−3km AGL LR (C/km)	6.6
3km−6km AGL LR (C/km)	7.9
DCAPE (J/kg)	1005
6km Shear (kt)	29
1km Helicity (m2/s2)	126
3km Helicity (m2/s2)	301
BRN Shear (m2/s2)	42
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	11
Estimated Storm Motion (kt)	279/20

GSO – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

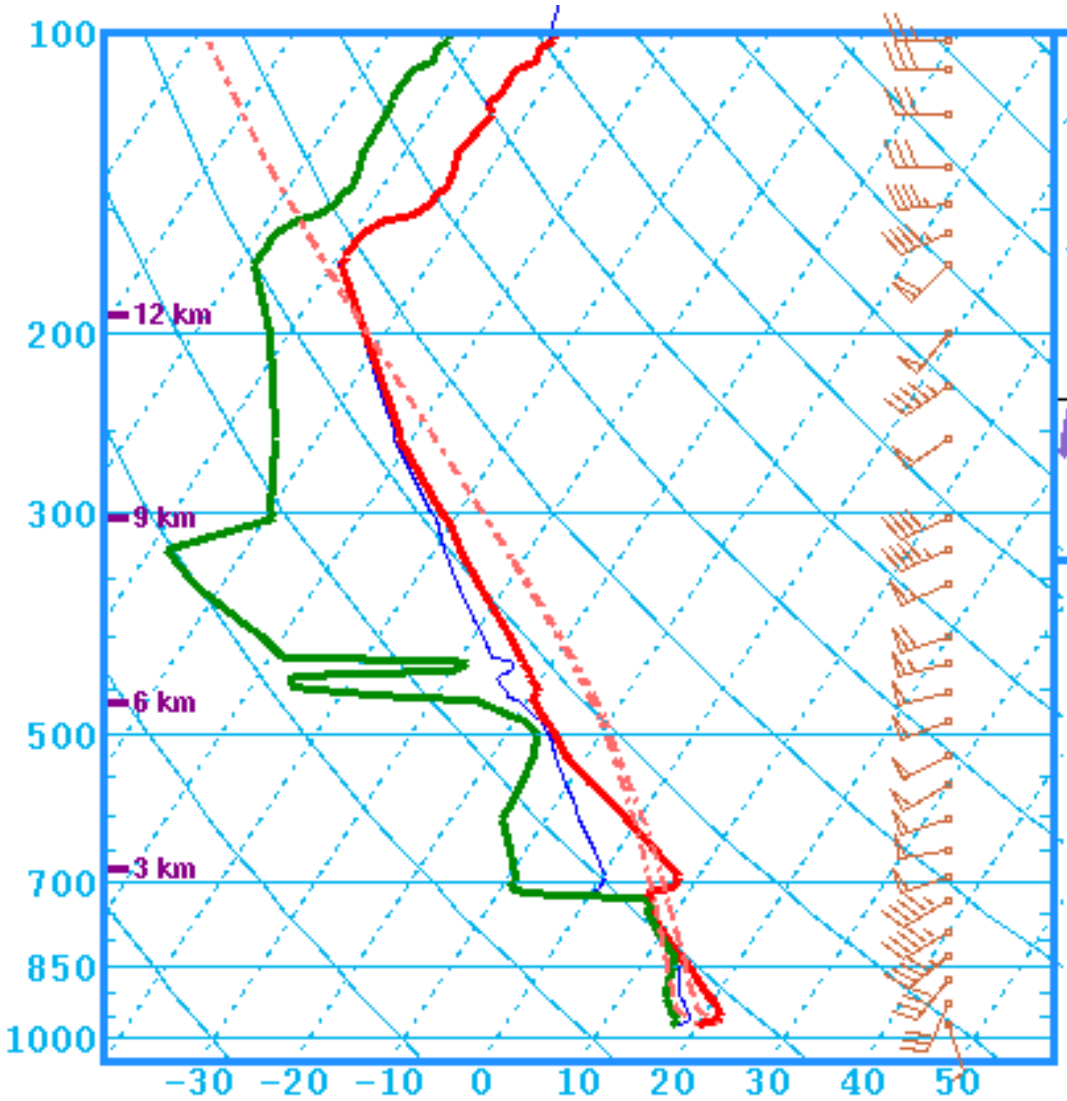


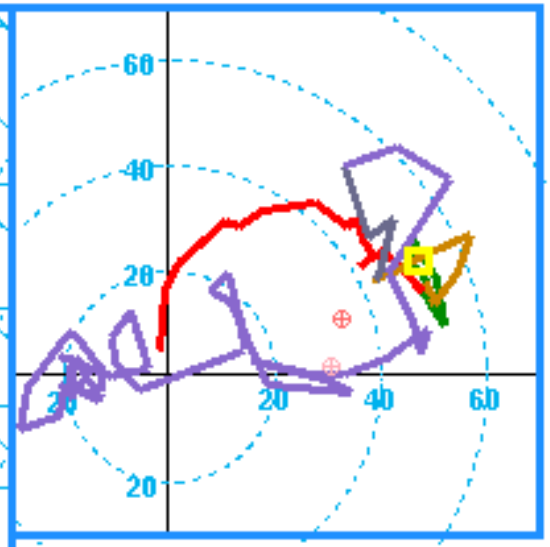


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	12
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	105
ML CIN (J/kg)	−393
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.60
WBZ Hgt (ft;agl)	8768
Mean RH (%)	26
Sfc−3km AGL LR (C/km)	3.3
3km−6km AGL LR (C/km)	5.7
DCAPE (J/kg)	217
6km Shear (kt)	54
1km Helicity (m2/s2)	478
3km Helicity (m2/s2)	603
BRN Shear (m2/s2)	253
Sfc−2km SR Wind (kt)	19
4−6km SR Wind (kt)	17
Estimated Storm Motion (kt)	256/36

ILN – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

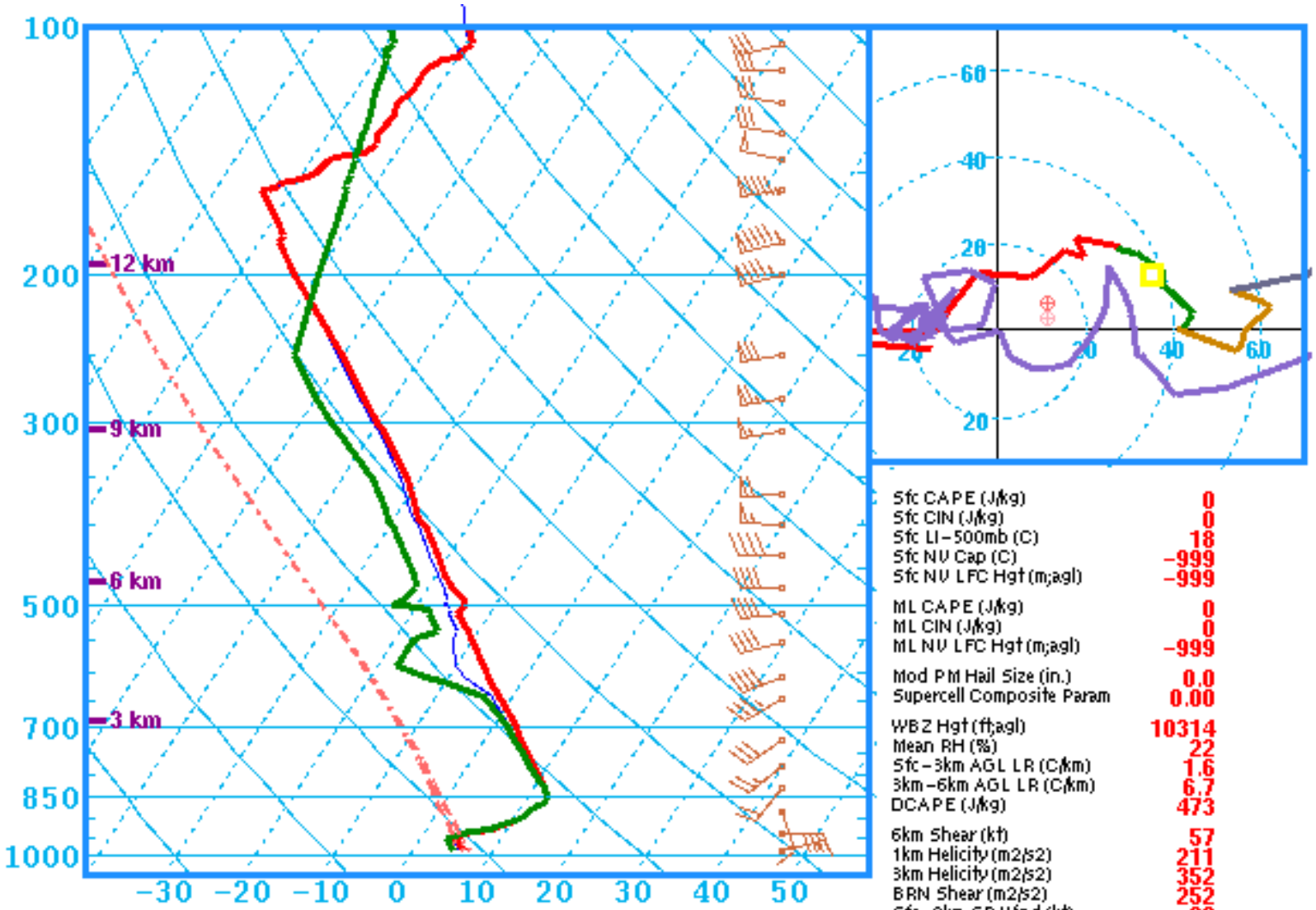




Sfc CAPE (J/kg)	1340
Sfc CIN (J/kg)	−179
Sfc LI−500mb (C)	−6
Sfc NV Cap (C)	4
Sfc NV LFC Hgt (m;agl)	3928
ML CAPE (J/kg)	3207
ML CIN (J/kg)	−241
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	6.5
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	8423
Mean RH (%)	17
Sfc−3km AGL LR (C/km)	5.0
3km−6km AGL LR (C/km)	8.8
DCAPE (J/kg)	610
6km Shear (kt)	52
1km Helicity (m2/s2)	413
3km Helicity (m2/s2)	508
BRN Shear (m2/s2)	103
Sfc−2km SR Wind (kt)	23
4−6km SR Wind (kt)	18
Estimated Storm Motion (kt)	258/38

ILN – 0000 UTC Day 2
OBSERVED Sounding

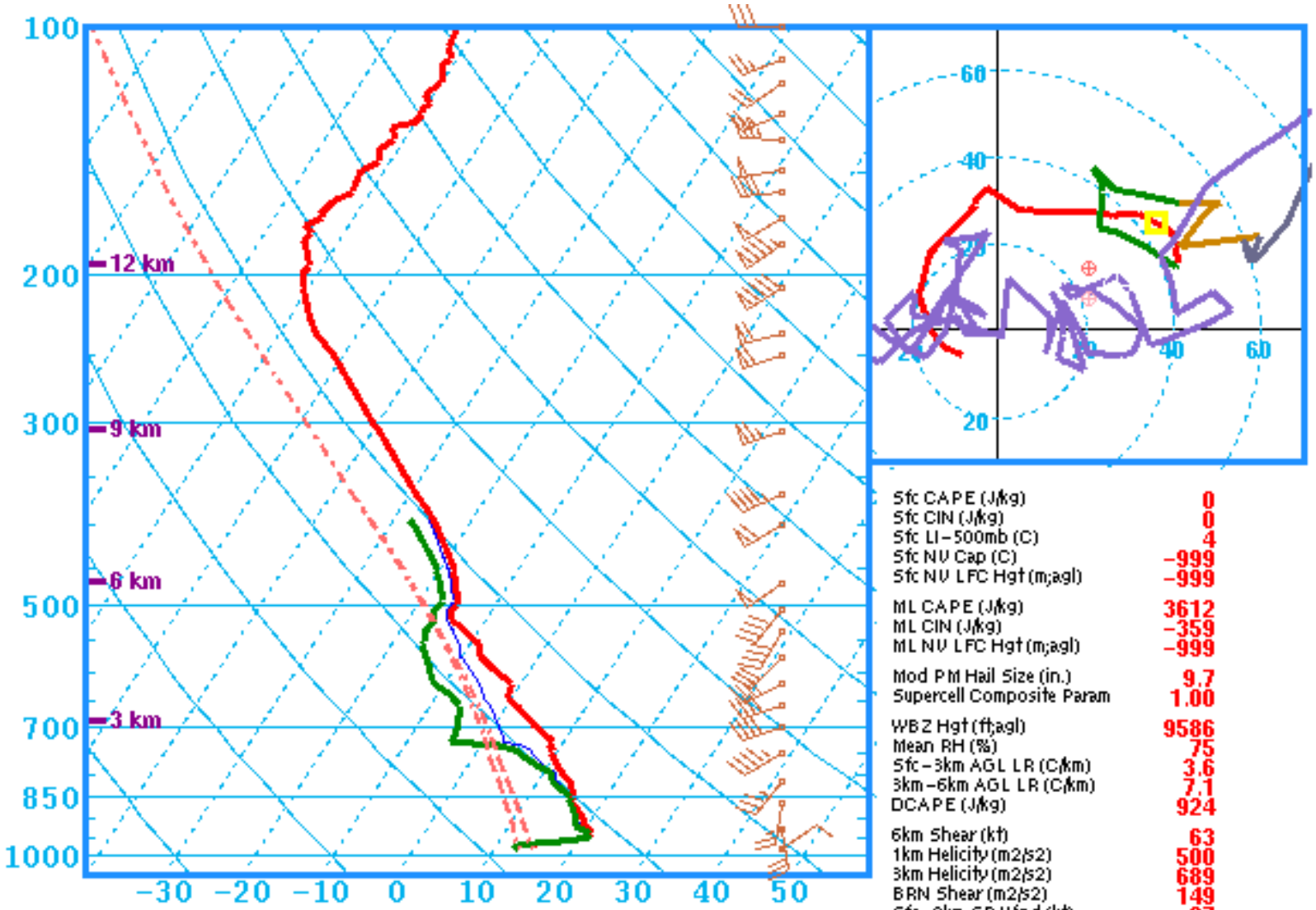
NWS/NCEP/SPC



Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	18
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	10314
Mean RH (%)	22
Sfc−3km AGL LR (C/km)	1.6
3km−6km AGL LR (C/km)	6.7
DCAPE (J/kg)	473
6km Shear (kt)	57
1km Helicity (m2/s2)	211
3km Helicity (m2/s2)	352
BRN Shear (m2/s2)	252
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	31
Estimated Storm Motion (kt)	287/13

ILX – 1200 UTC Day 1
OBSERVED Sounding

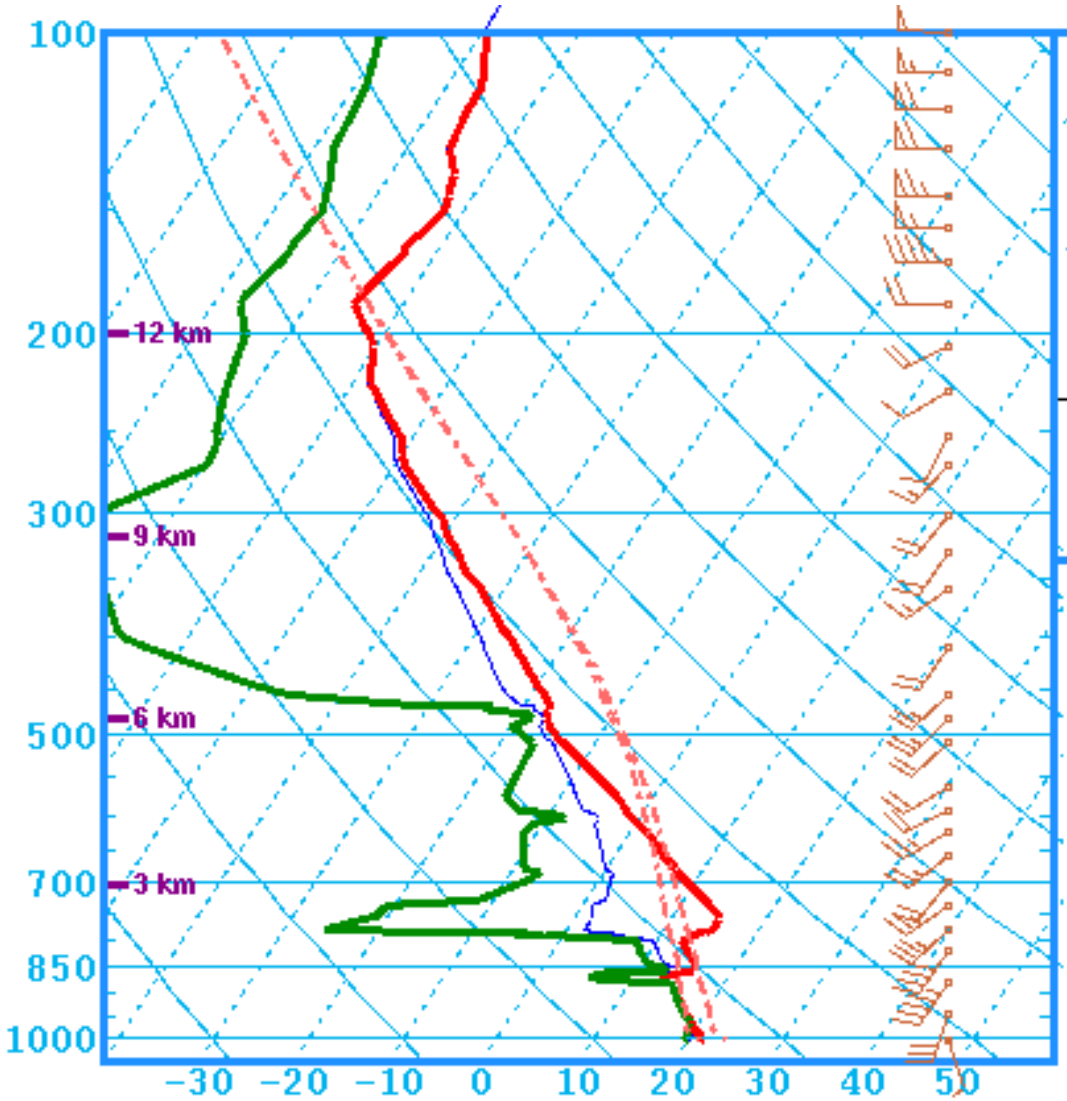
NWS/NCEP/SPC

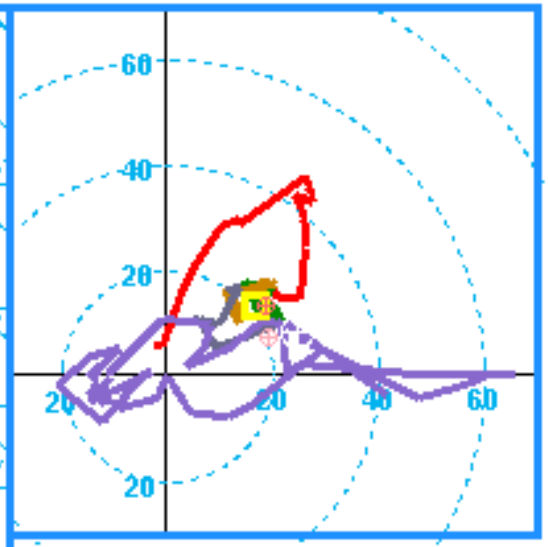


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	4
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	3612
ML CIN (J/kg)	−359
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	9.7
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	9586
Mean RH (%)	75
Sfc−3km AGL LR (C/km)	3.6
3km−6km AGL LR (C/km)	7.1
DCAPE (J/kg)	924
6km Shear (kt)	63
1km Helicity (m2/s2)	500
3km Helicity (m2/s2)	689
BRN Shear (m2/s2)	149
Sfc−2km SR Wind (kt)	27
4−6km SR Wind (kt)	20
Estimated Storm Motion (kt)	249/29

ILX – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

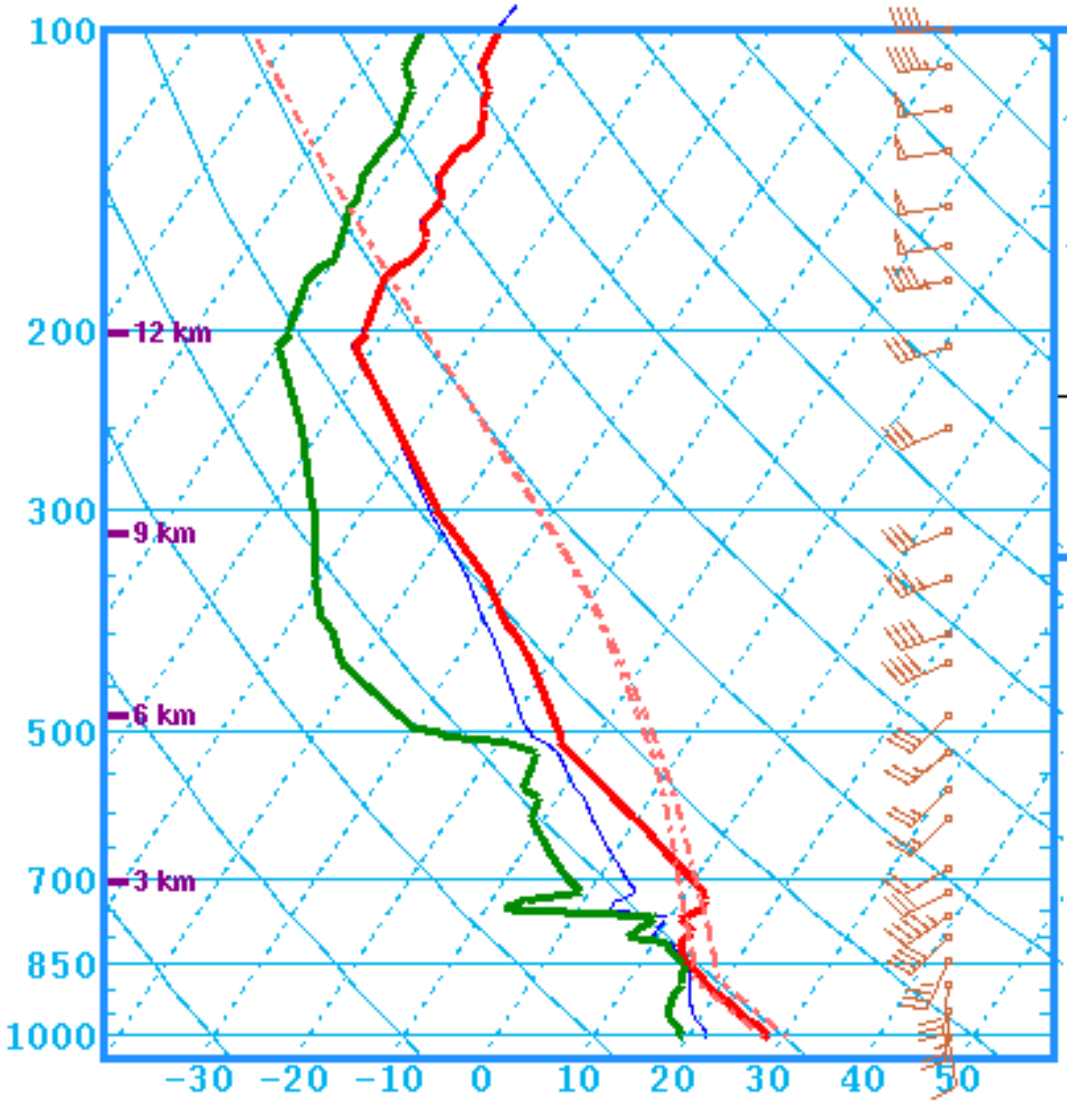


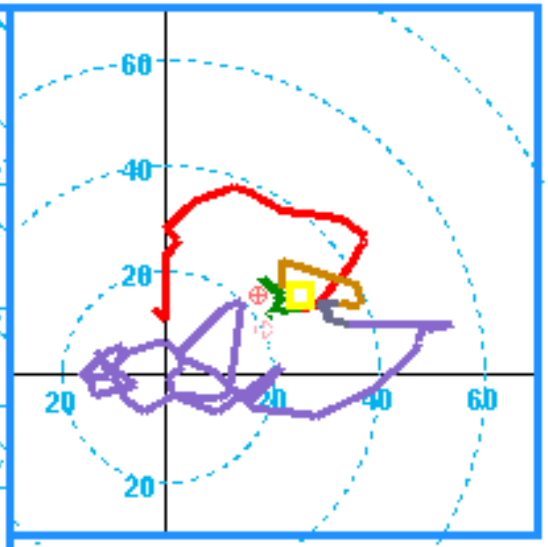


Sfc CAPE (J/kg)	1983
Sfc CIN (J/kg)	−150
Sfc LI−500mb (C)	−8
Sfc NV Cap (C)	5
Sfc NV LFC Hgt (m;agl)	3971
ML CAPE (J/kg)	3729
ML CIN (J/kg)	−119
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	nan
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	10794
Mean RH (%)	15
Sfc−3km AGL LR (C/km)	4.7
3km−6km AGL LR (C/km)	8.7
DCAPE (J/kg)	722
6km Shear (kt)	23
1km Helicity (m2/s2)	231
3km Helicity (m2/s2)	260
BRN Shear (m2/s2)	27
Sfc−2km SR Wind (kt)	21
4−6km SR Wind (kt)	7
Estimated Storm Motion (kt)	251/26

JAN – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

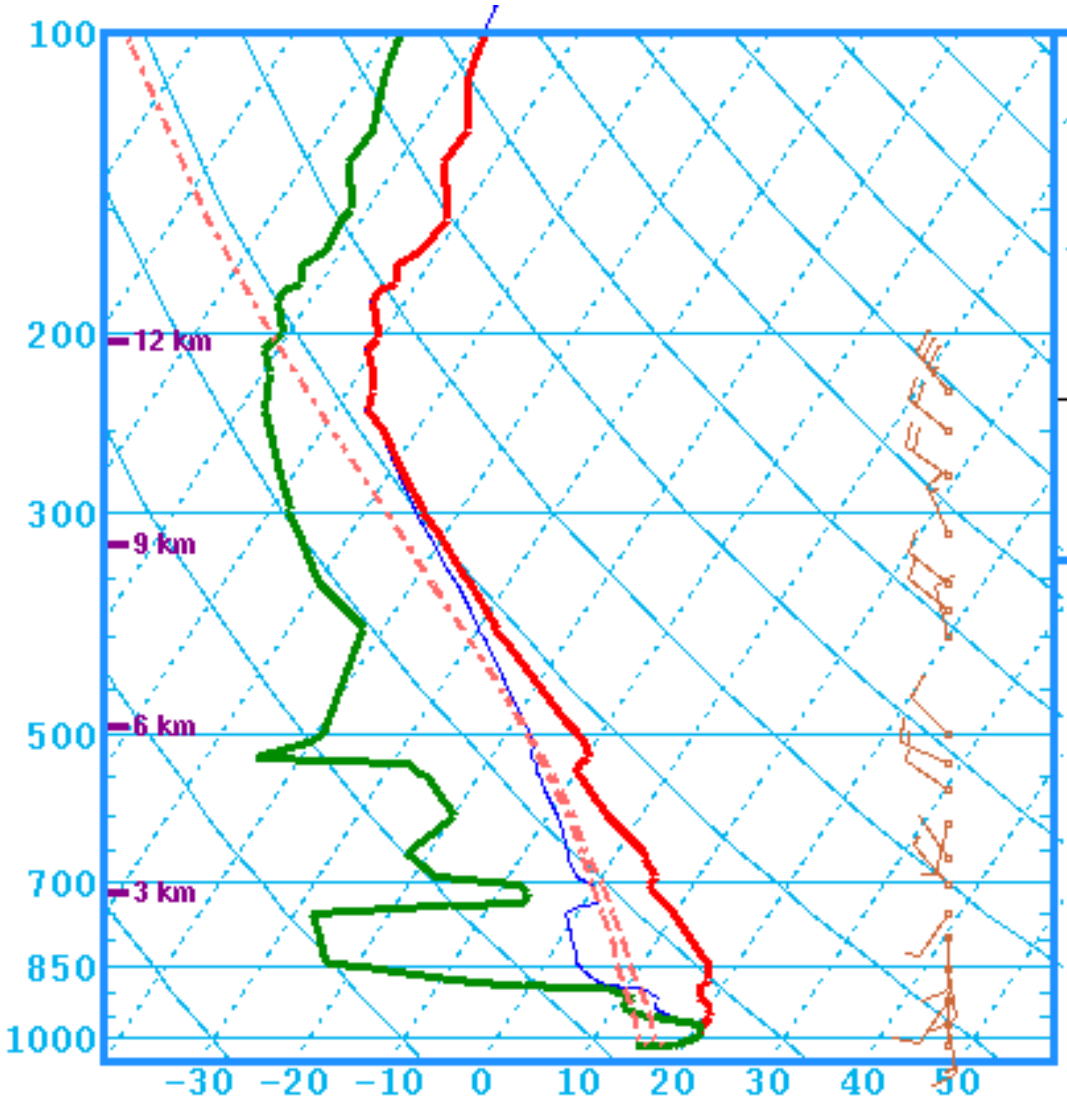


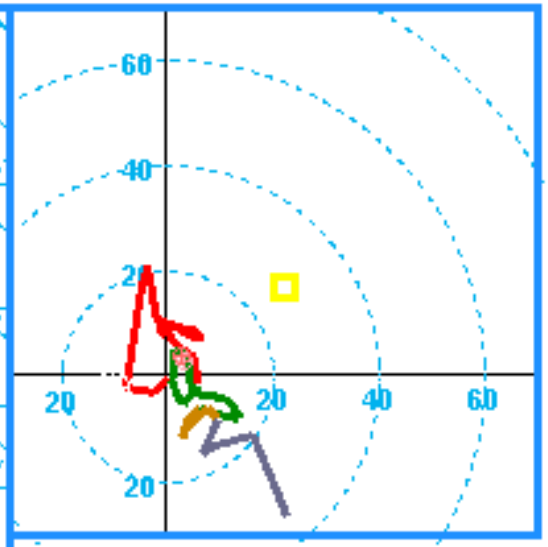


Sfc CAPE (J/kg)	3192
Sfc CIN (J/kg)	−20
Sfc LI−500mb (C)	−10
Sfc NV Cap (C)	2
Sfc NV LFC Hgt (m;agl)	3382
ML CAPE (J/kg)	3649
ML CIN (J/kg)	−36
ML NV LFC Hgt (m;agl)	4572
Mod PM Hail Size (in.)	5.8
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	11476
Mean RH (%)	33
Sfc−3km AGL LR (C/km)	6.6
3km−6km AGL LR (C/km)	8.9
DCAPE (J/kg)	1198
6km Shear (kt)	26
1km Helicity (m2/s2)	114
3km Helicity (m2/s2)	368
BRN Shear (m2/s2)	30
Sfc−2km SR Wind (kt)	23
4−6km SR Wind (kt)	9
Estimated Storm Motion (kt)	246/22

JAN – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

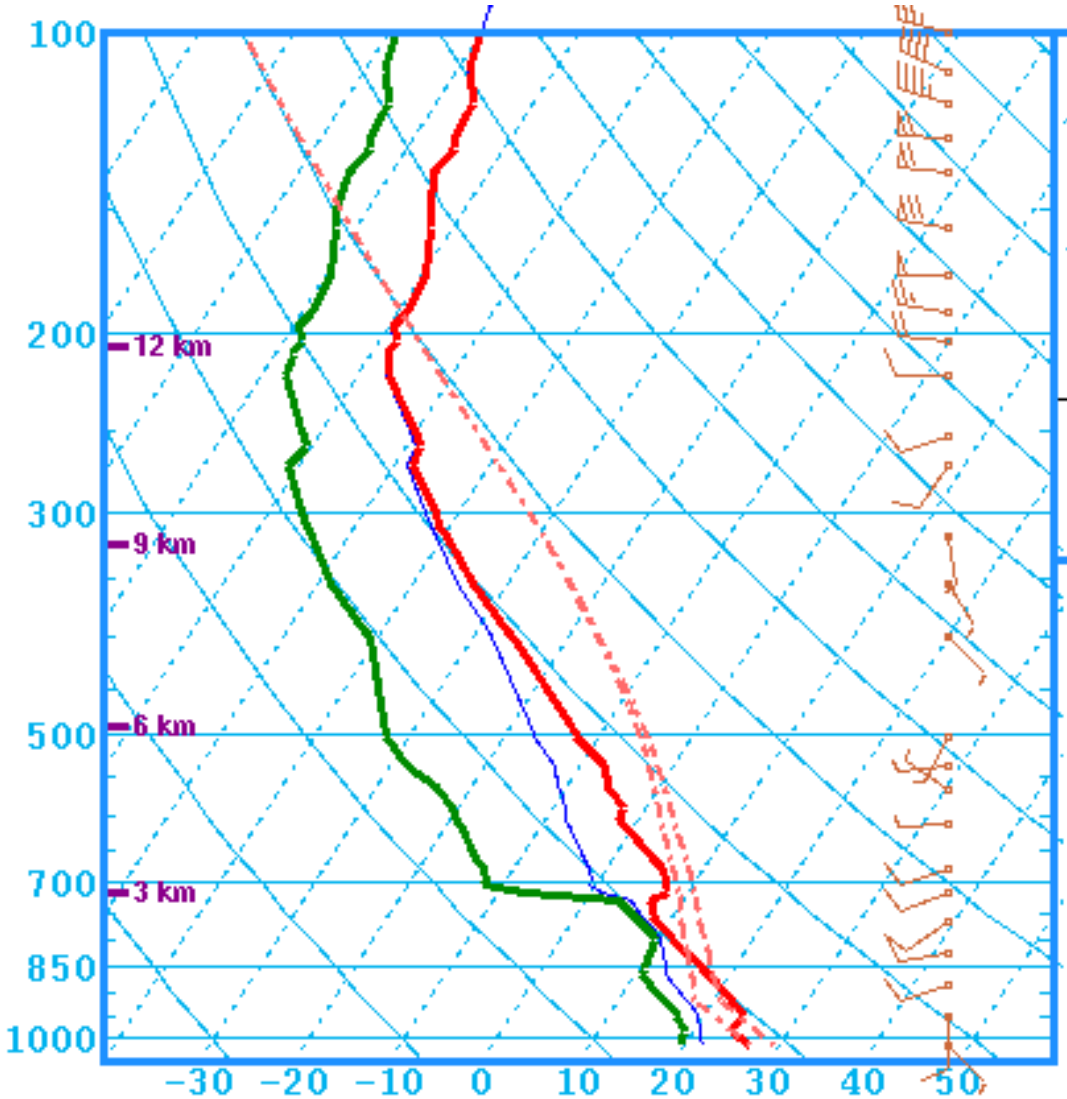


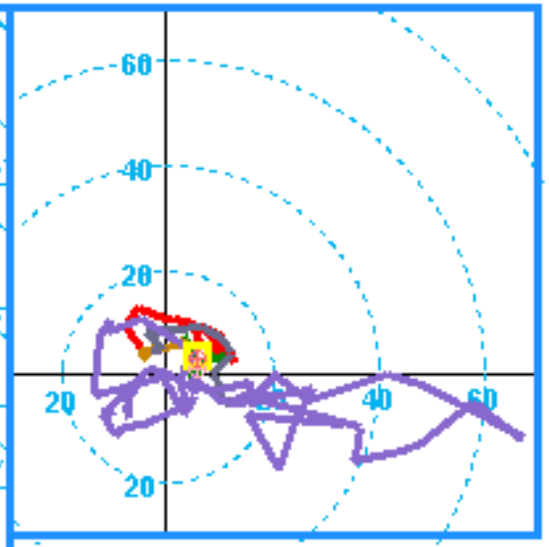


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	5
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	2660
ML CIN (J/kg)	−473
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	1.0
Supercell Composite Param	0.22
WBZ Hgt (ft;agl)	7614
Mean RH (%)	23
Sfc−3km AGL LR (C/km)	3.8
3km−6km AGL LR (C/km)	6.8
DCAPE (J/kg)	707
6km Shear (kt)	9
1km Helicity (m2/s2)	56
3km Helicity (m2/s2)	83
BRN Shear (m2/s2)	13
Sfc−2km SR Wind (kt)	16
4−6km SR Wind (kt)	17
Estimated Storm Motion (kt)	76/11

JAX – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

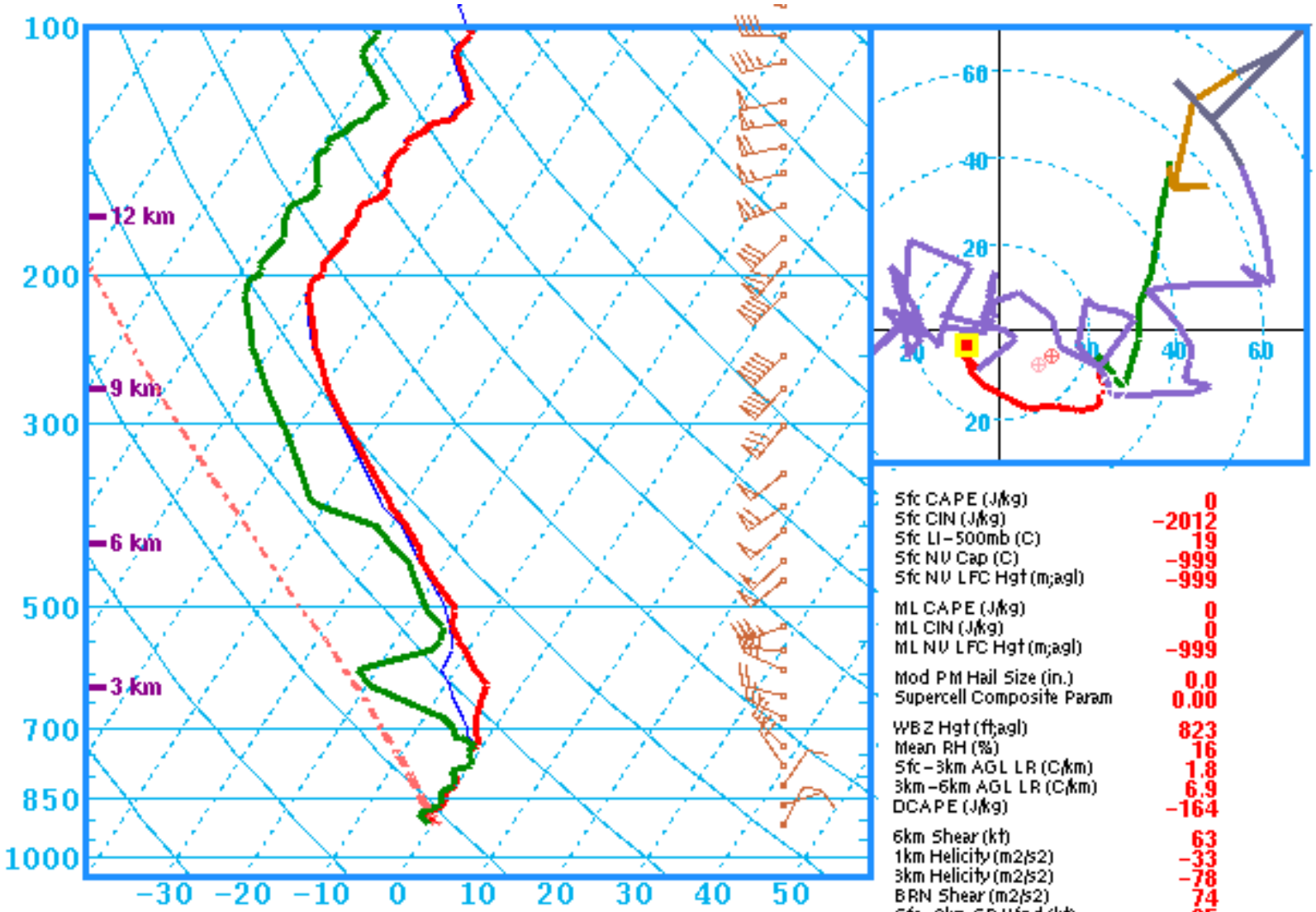




Sfc CAPE (J/kg)	2747
Sfc CIN (J/kg)	−86
Sfc LI−500mb (C)	−7
Sfc NV Cap (C)	4
Sfc NV LFC Hgt (m;agl)	1820
ML CAPE (J/kg)	3053
ML CIN (J/kg)	−136
ML NV LFC Hgt (m;agl)	5593
Mod PM Hail Size (in.)	3.6
Supercell Composite Param	0.46
WBZ Hgt (ft;agl)	10097
Mean RH (%)	30
Sfc−3km AGL LR (C/km)	7.1
3km−6km AGL LR (C/km)	7.3
DCAPE (J/kg)	1054
6km Shear (kt)	7
1km Helicity (m2/s2)	87
3km Helicity (m2/s2)	94
BRN Shear (m2/s2)	19
Sfc−2km SR Wind (kt)	17
4−6km SR Wind (kt)	11
Estimated Storm Motion (kt)	312/13

JAX – 0000 UTC Day 2
OBSERVED Sounding

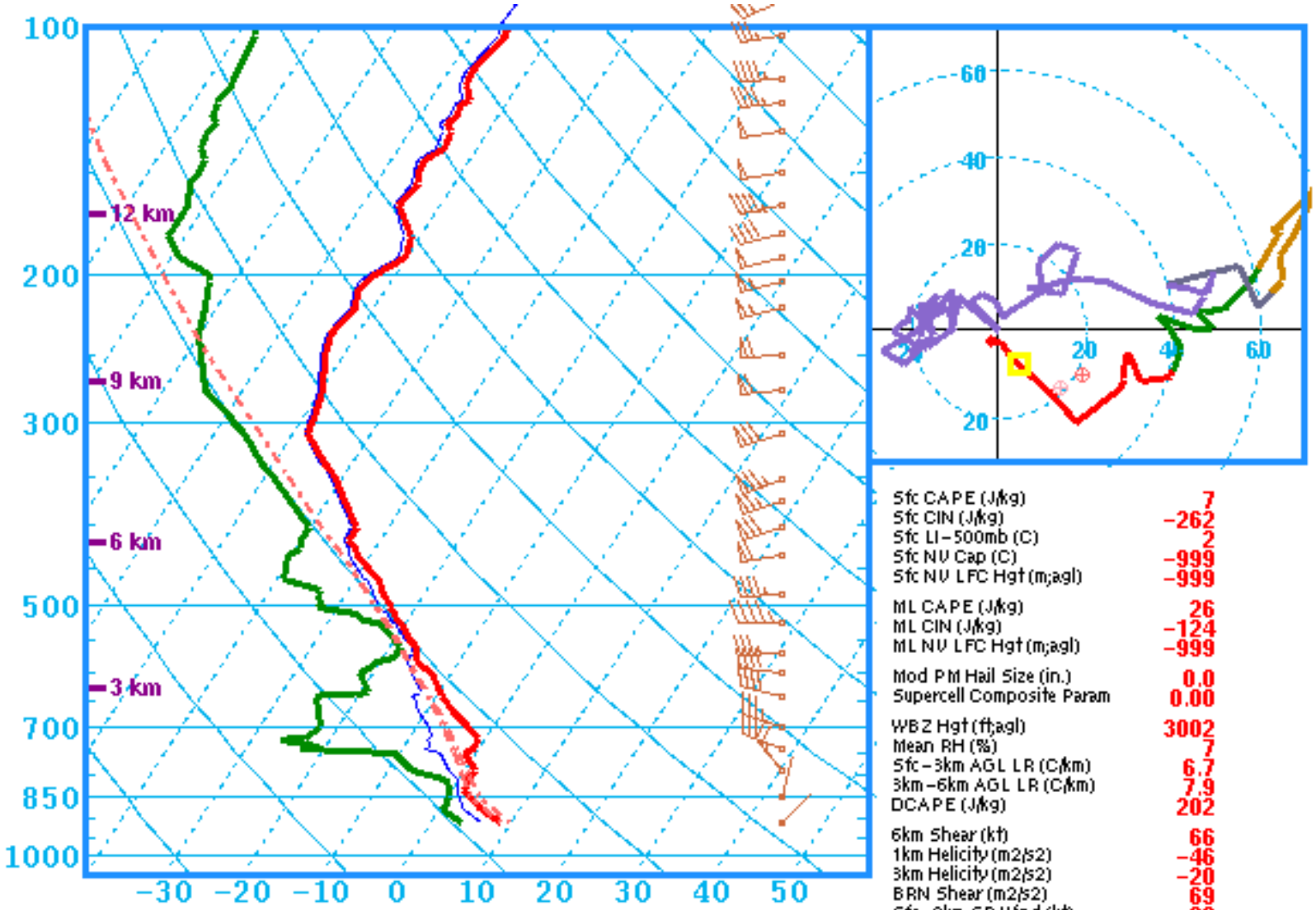
NWS/NCEP/SPC



LBF – 1200 UTC Day 1
OBSERVED Sounding

Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	−2012
Sfc LI−500mb (C)	19
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	823
Mean RH (%)	16
Sfc−3km AGL LR (C/km)	1.8
3km−6km AGL LR (C/km)	6.9
DCAPE (J/kg)	−164
6km Shear (kt)	63
1km Helicity (m2/s2)	−33
3km Helicity (m2/s2)	−78
BRN Shear (m2/s2)	74
Sfc−2km SR Wind (kt)	25
4−6km SR Wind (kt)	39
Estimated Storm Motion (kt)	297/29
Best Guess Precip Type	Rain.

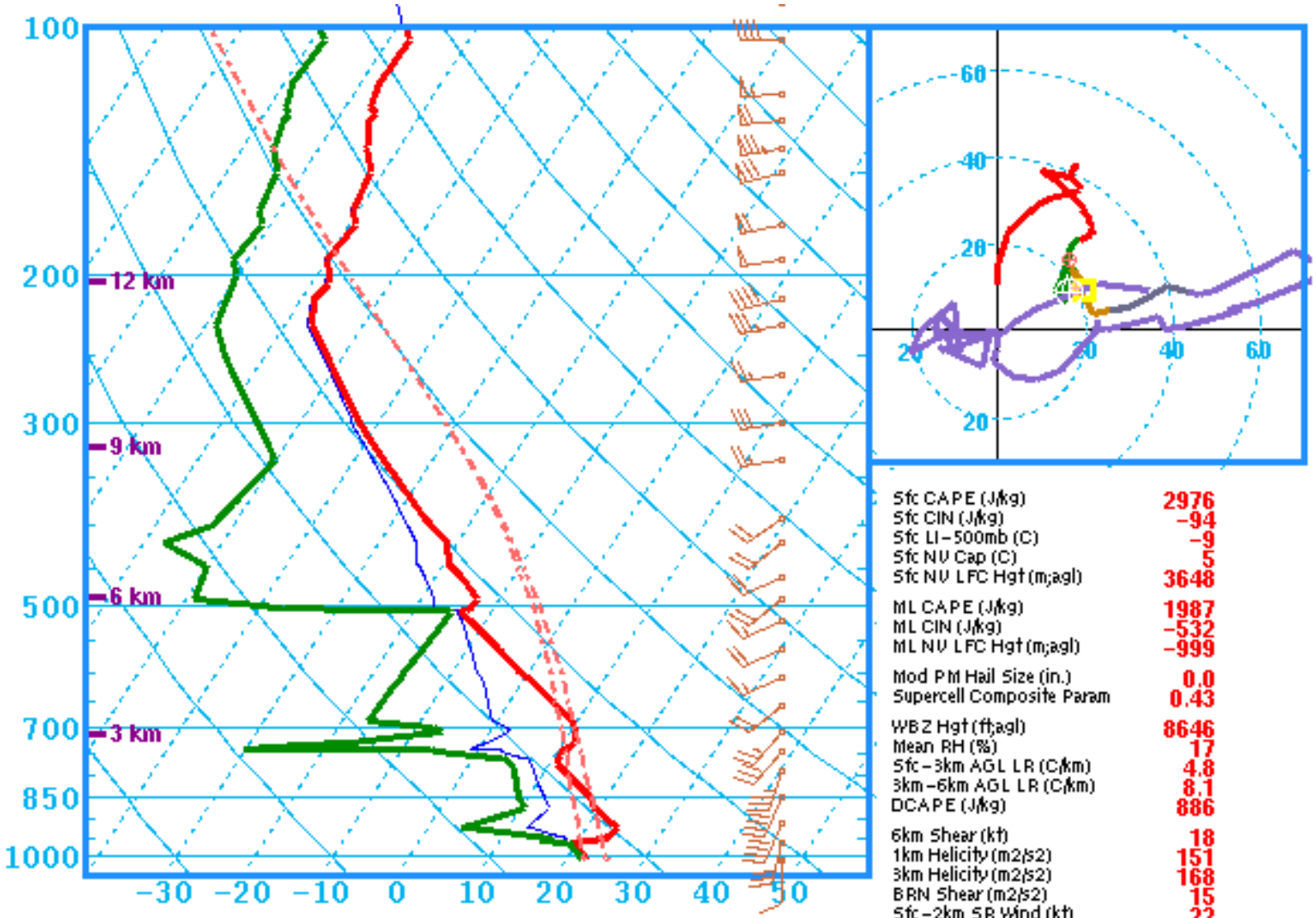
NWS/NCEP/SPC



Sfc CAPE (J/kg)	7
Sfc CIN (J/kg)	−262
Sfc LI−500mb (C)	2
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	26
ML CIN (J/kg)	−124
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	3002
Mean RH (%)	7
Sfc−3km AGL LR (C/km)	6.7
3km−6km AGL LR (C/km)	7.9
DCAPE (J/kg)	202
6km Shear (kt)	66
1km Helicity (m2/s2)	−46
3km Helicity (m2/s2)	−20
BRN Shear (m2/s2)	69
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	31
Estimated Storm Motion (kt)	304/35

LBF – 0000 UTC Day 2
OBSERVED Sounding

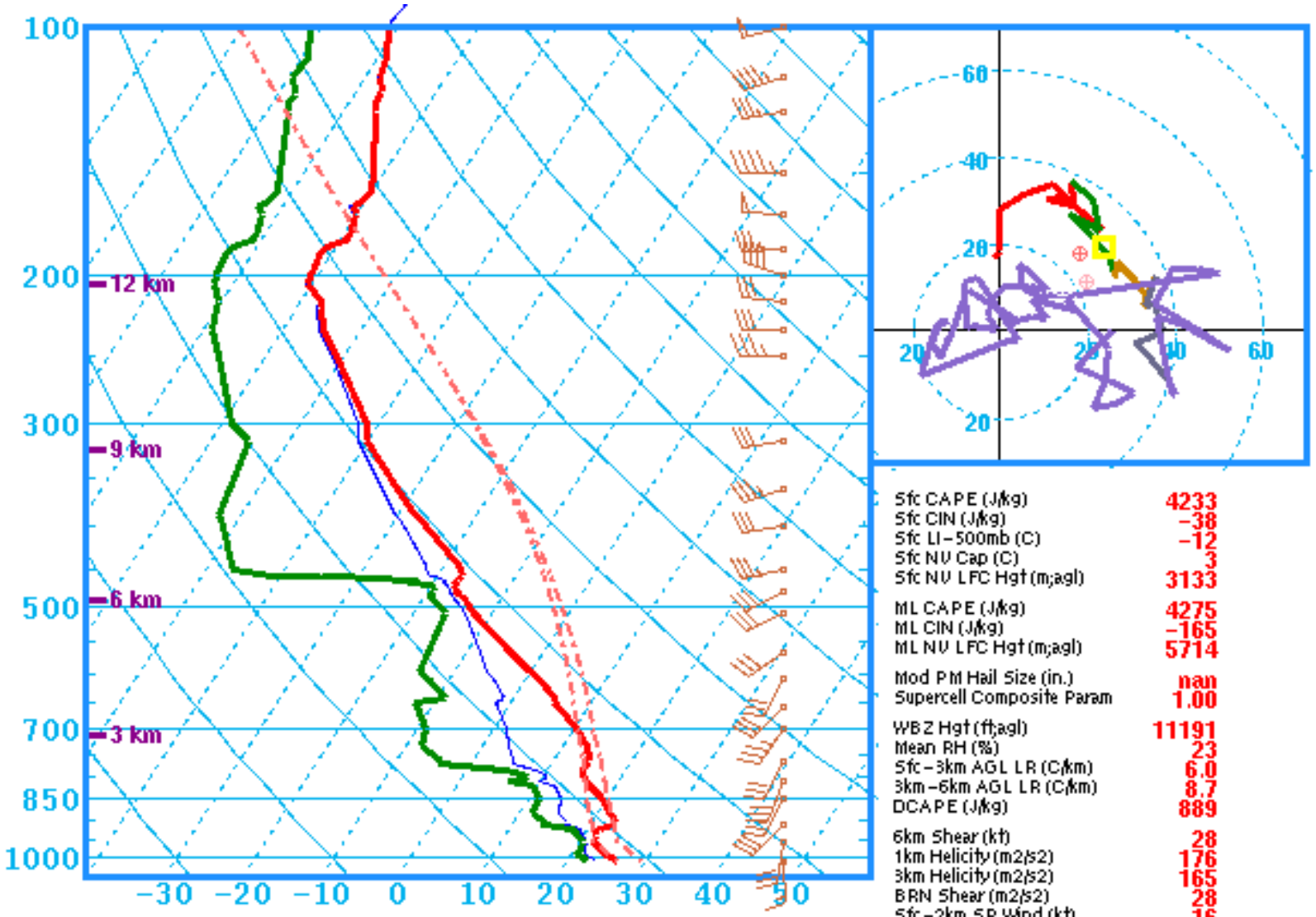
NWS/NCEP/SPC



Sfc CAPE (J/kg)	2976
Sfc CIN (J/kg)	−94
Sfc LI−500mb (C)	−9
Sfc NV Cap (C)	5
Sfc NV LFC Hgt (m;agl)	3648
ML CAPE (J/kg)	1987
ML CIN (J/kg)	−532
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.43
WBZ Hgt (ft;agl)	8646
Mean RH (%)	17
Sfc−3km AGL LR (C/km)	4.8
3km−6km AGL LR (C/km)	8.1
DCAPE (J/kg)	886
6km Shear (kt)	18
1km Helicity (m2/s2)	151
3km Helicity (m2/s2)	168
BRN Shear (m2/s2)	15
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	1
Estimated Storm Motion (kt)	241/18

LCH −1200 UTC Day 1
OBSERVED Sounding

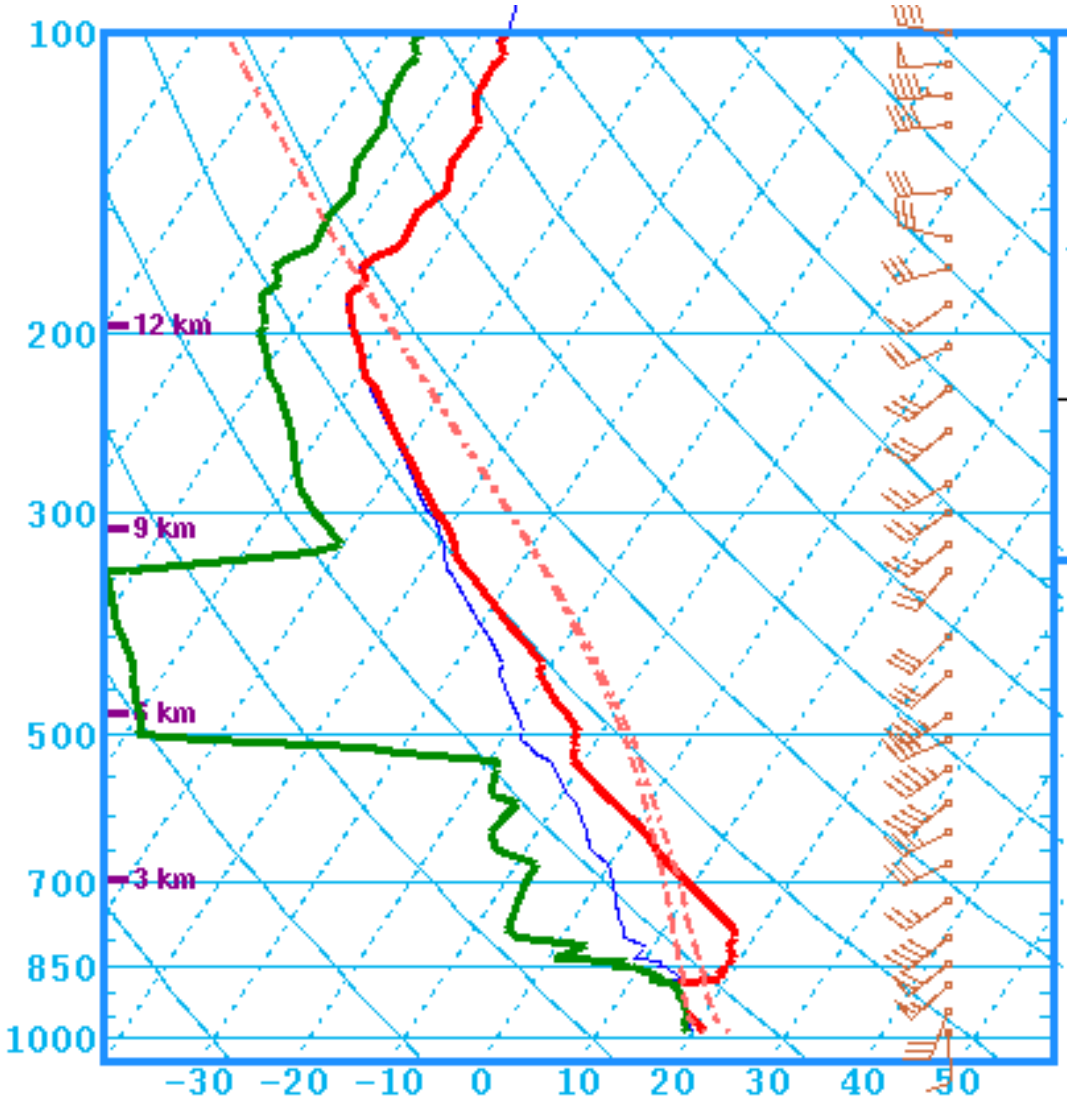
NWS/NCEP/SPC

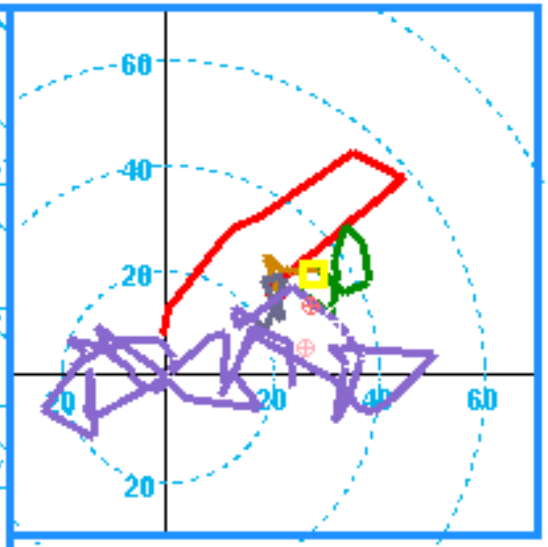


Sfc CAPE (J/kg)	4233
Sfc CIN (J/kg)	-38
Sfc LI-500mb (C)	-12
Sfc NV Cap (C)	3
Sfc NV LFC Hgt (m;agl)	3133
ML CAPE (J/kg)	4275
ML CIN (J/kg)	-165
ML NV LFC Hgt (m;agl)	5714
Mod PM Hail Size (in.)	nan
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	11191
Mean RH (%)	23
Sfc-3km AGL LR (C/km)	6.0
3km-6km AGL LR (C/km)	8.7
DCAPE (J/kg)	889
6km Shear (kt)	28
1km Helicity (m2/s2)	176
3km Helicity (m2/s2)	165
BRN Shear (m2/s2)	28
Sfc-2km SR Wind (kt)	16
4-6km SR Wind (kt)	11
Estimated Storm Motion (kt)	231/18

LCH – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

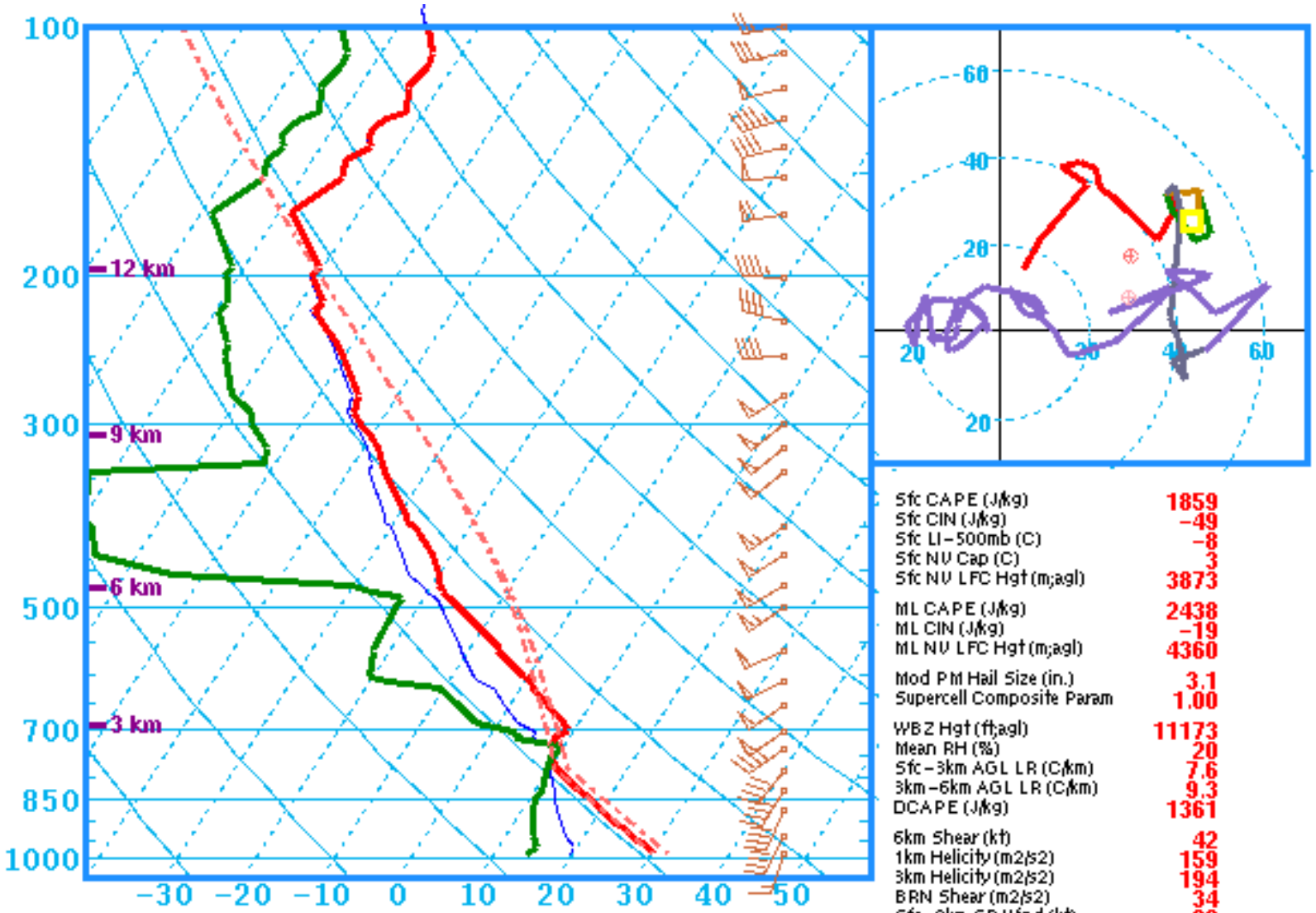




Sfc CAPE (J/kg)	2180
Sfc CIN (J/kg)	−259
Sfc LI−500mb (C)	−6
Sfc NV Cap (C)	6
Sfc NV LFC Hgt (m;agl)	3548
ML CAPE (J/kg)	4029
ML CIN (J/kg)	−256
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	6.5
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	10523
Mean RH (%)	15
Sfc−3km AGL LR (C/km)	4.9
3km−6km AGL LR (C/km)	8.1
DCAPE (J/kg)	1231
6km Shear (kt)	31
1km Helicity (m2/s2)	431
3km Helicity (m2/s2)	332
BRN Shear (m2/s2)	60
Sfc−2km SR Wind (kt)	20
4−6km SR Wind (kt)	12
Estimated Storm Motion (kt)	253/34

LZK – 1200 UTC Day 1
OBSERVED Sounding

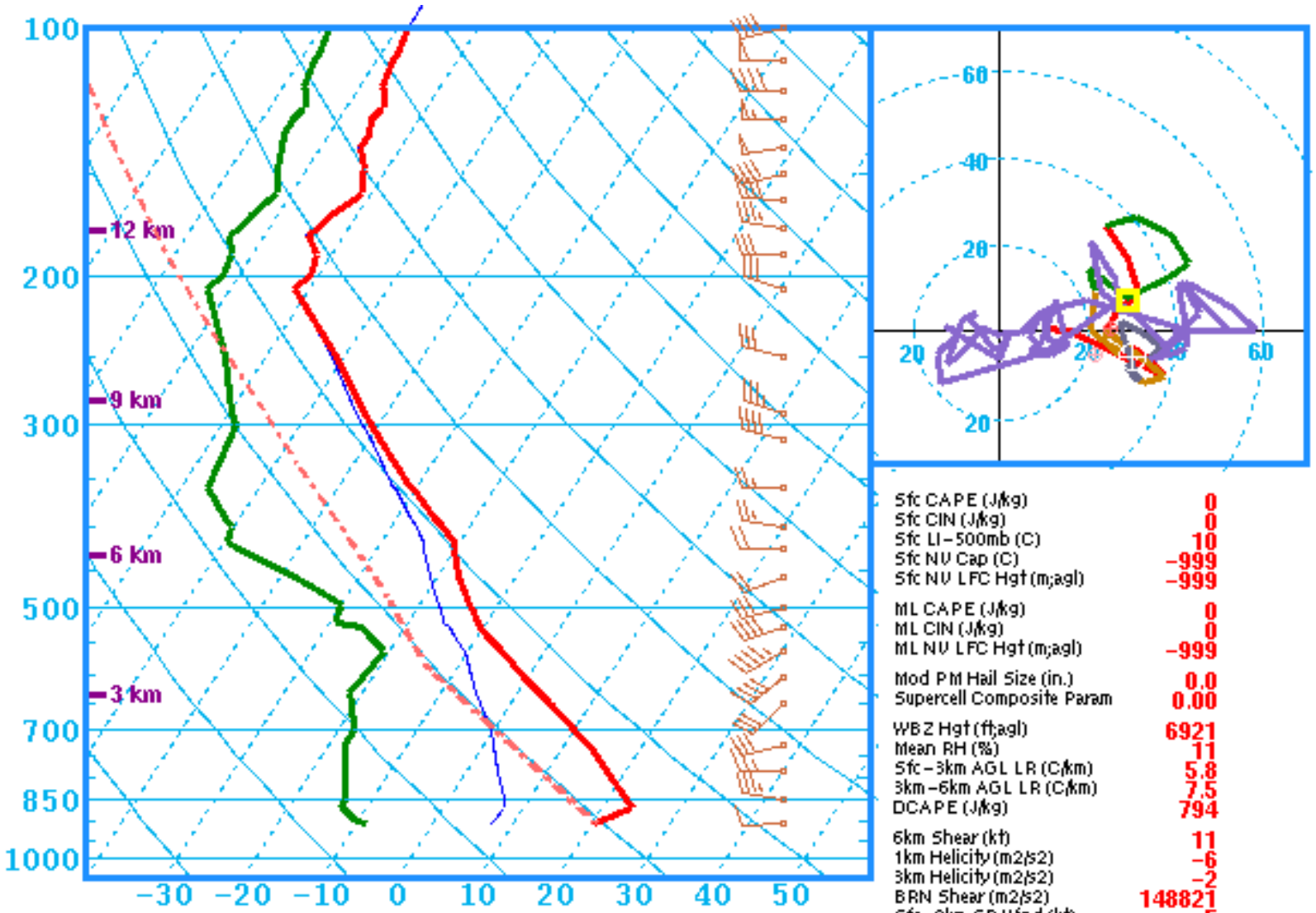
NWS/NCEP/SPC



Sfc CAPE (J/kg)	1859
Sfc CIN (J/kg)	-49
Sfc LI-500mb (C)	-8
Sfc NV Cap (C)	3
Sfc NV LFC Hgt (m;agl)	3873
ML CAPE (J/kg)	2438
ML CIN (J/kg)	-19
ML NV LFC Hgt (m;agl)	4360
Mod PM Hail Size (in.)	3.1
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	11173
Mean RH (%)	20
Sfc-3km AGL LR (C/km)	7.6
3km-6km AGL LR (C/km)	9.3
DCAPE (J/kg)	1361
6km Shear (kt)	42
1km Helicity (m2/s2)	159
3km Helicity (m2/s2)	194
BRN Shear (m2/s2)	34
Sfc-2km SR Wind (kt)	23
4-6km SR Wind (kt)	17
Estimated Storm Motion (kt)	246/36

LZK – 0000 UTC Day 2
OBSERVED Sounding

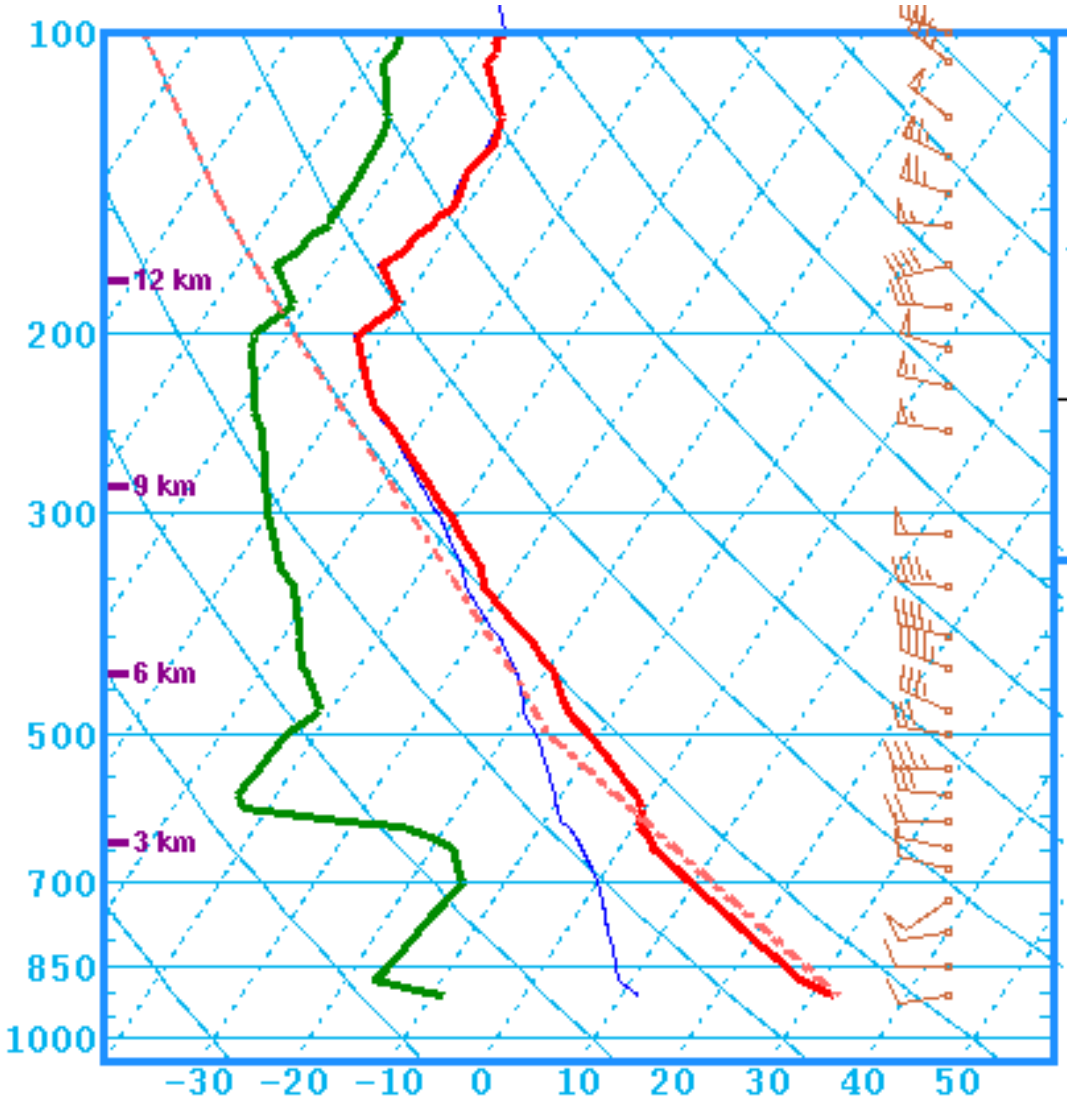
NWS/NCEP/SPC

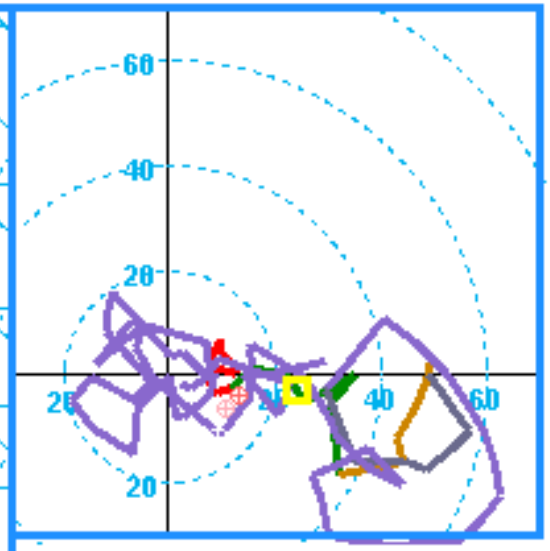


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	10
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	6921
Mean RH (%)	11
Sfc−3km AGL LR (C/km)	5.8
3km−6km AGL LR (C/km)	7.5
DCAPE (J/kg)	794
6km Shear (kt)	11
1km Helicity (m2/s2)	−6
3km Helicity (m2/s2)	−2
BRN Shear (m2/s2)	148821
Sfc−2km SR Wind (kt)	5
4−6km SR Wind (kt)	18
Estimated Storm Motion (kt)	281/31

MAF – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

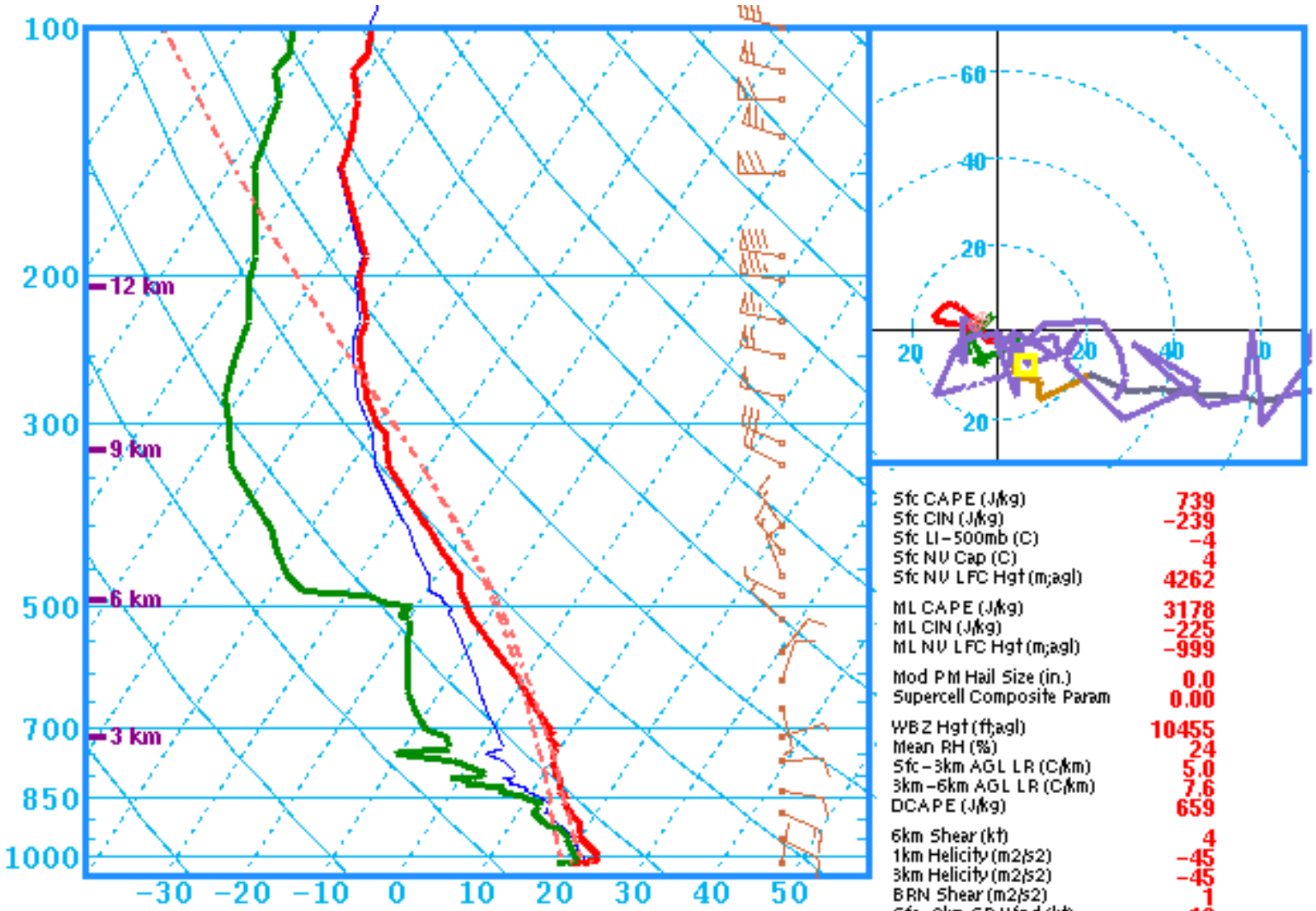




Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	−999
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	7209
Mean RH (%)	9
Sfc−3km AGL LR (C/km)	10.0
3km−6km AGL LR (C/km)	7.4
DCAPE (J/kg)	1607
6km Shear (kt)	37
1km Helicity (m2/s2)	13
3km Helicity (m2/s2)	3
BRN Shear (m2/s2)	31
Sfc−2km SR Wind (kt)	16
4−6km SR Wind (kt)	25
Estimated Storm Motion (kt)	325/16

MAF – 0000 UTC Day 2
OBSERVED Sounding

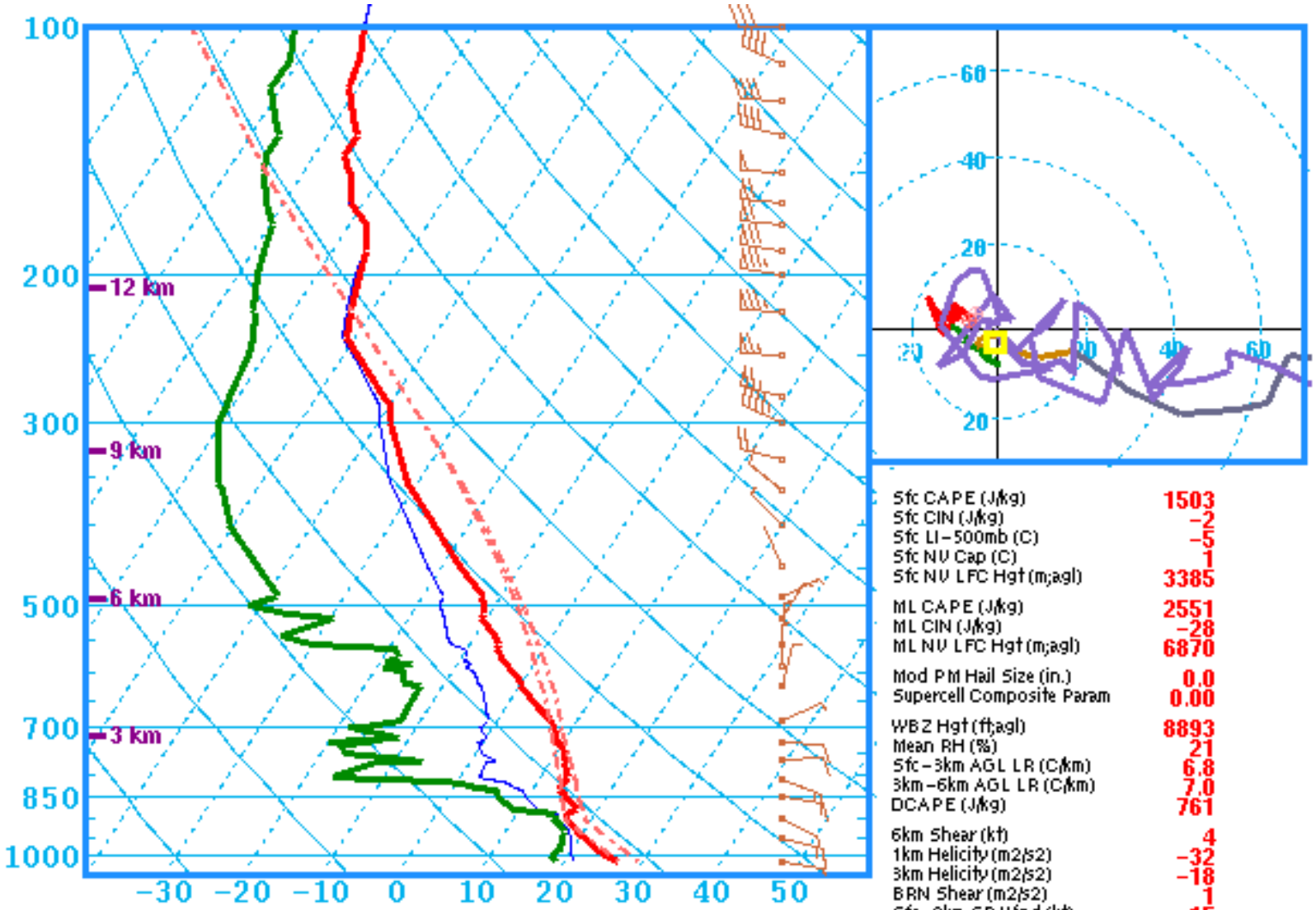
NWS/NCEP/SPC



Sfc CAPE (J/kg)	739
Sfc CIN (J/kg)	−239
Sfc LI−500mb (C)	−4
Sfc NV Cap (C)	4
Sfc NV LFC Hgt (m;agl)	4262
ML CAPE (J/kg)	3178
ML CIN (J/kg)	−225
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	10455
Mean RH (%)	24
Sfc−3km AGL LR (C/km)	5.0
3km−6km AGL LR (C/km)	7.6
DCAPE (J/kg)	659
6km Shear (kt)	4
1km Helicity (m2/s2)	−45
3km Helicity (m2/s2)	−45
BRN Shear (m2/s2)	1
Sfc−2km SR Wind (kt)	18
4−6km SR Wind (kt)	10
Estimated Storm Motion (kt)	19/15

MFL −1200 UTC Day 1
OBSERVED Sounding

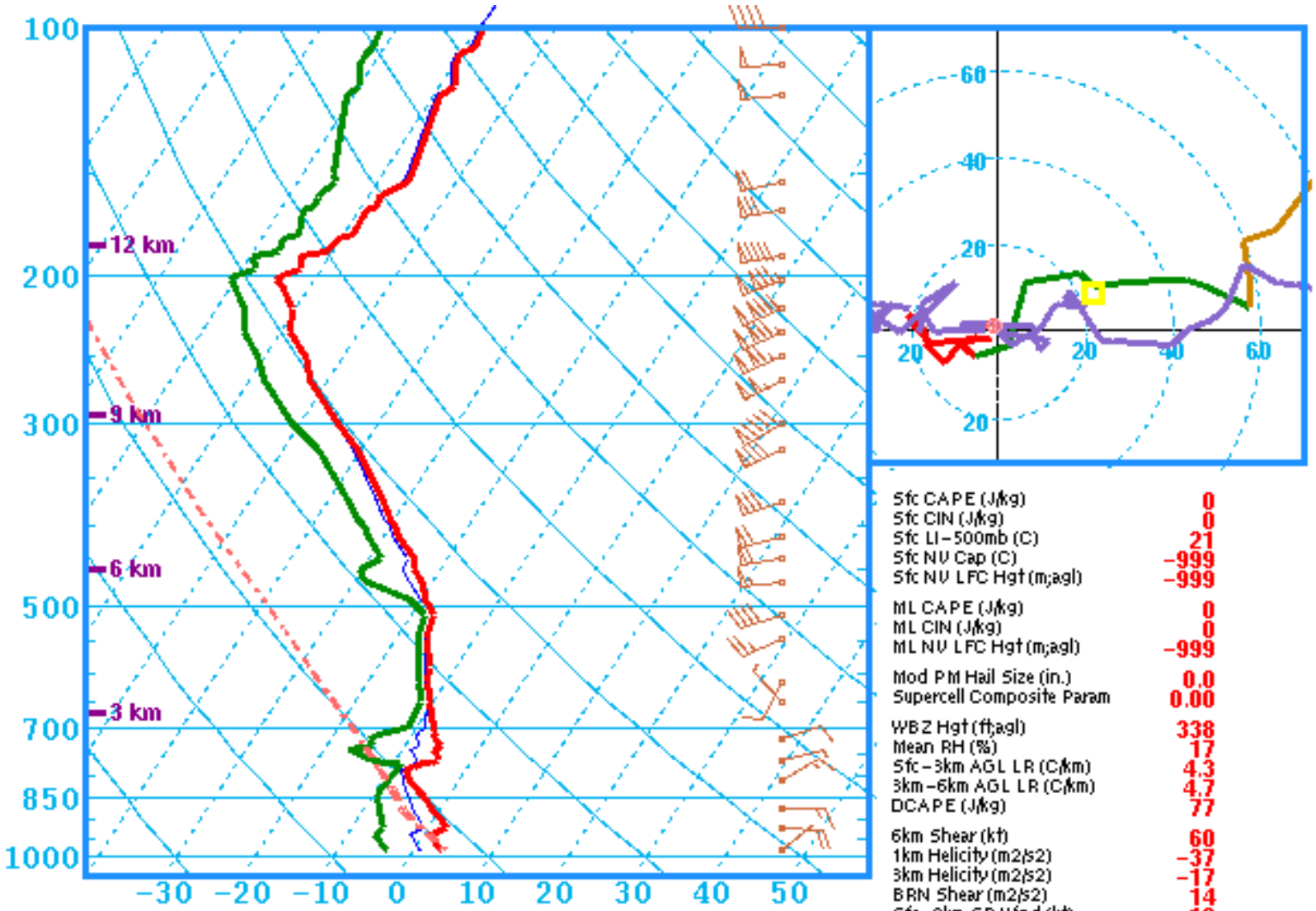
NWS/NCEP/SPC



Sfc CAPE (J/kg)	1503
Sfc CIN (J/kg)	−2
Sfc LI−500mb (C)	−5
Sfc NV Cap (C)	1
Sfc NV LFC Hgt (m;agl)	3385
ML CAPE (J/kg)	2551
ML CIN (J/kg)	−28
ML NV LFC Hgt (m;agl)	6870
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	8893
Mean RH (%)	21
Sfc−3km AGL LR (C/km)	6.8
3km−6km AGL LR (C/km)	7.0
DCAPE (J/kg)	761
6km Shear (kt)	4
1km Helicity (m2/s2)	−32
3km Helicity (m2/s2)	−18
BRN Shear (m2/s2)	1
Sfc−2km SR Wind (kt)	15
4−6km SR Wind (kt)	21
Estimated Storm Motion (kt)	79/22

MFL – 0000 UTC Day 2
OBSERVED Sounding

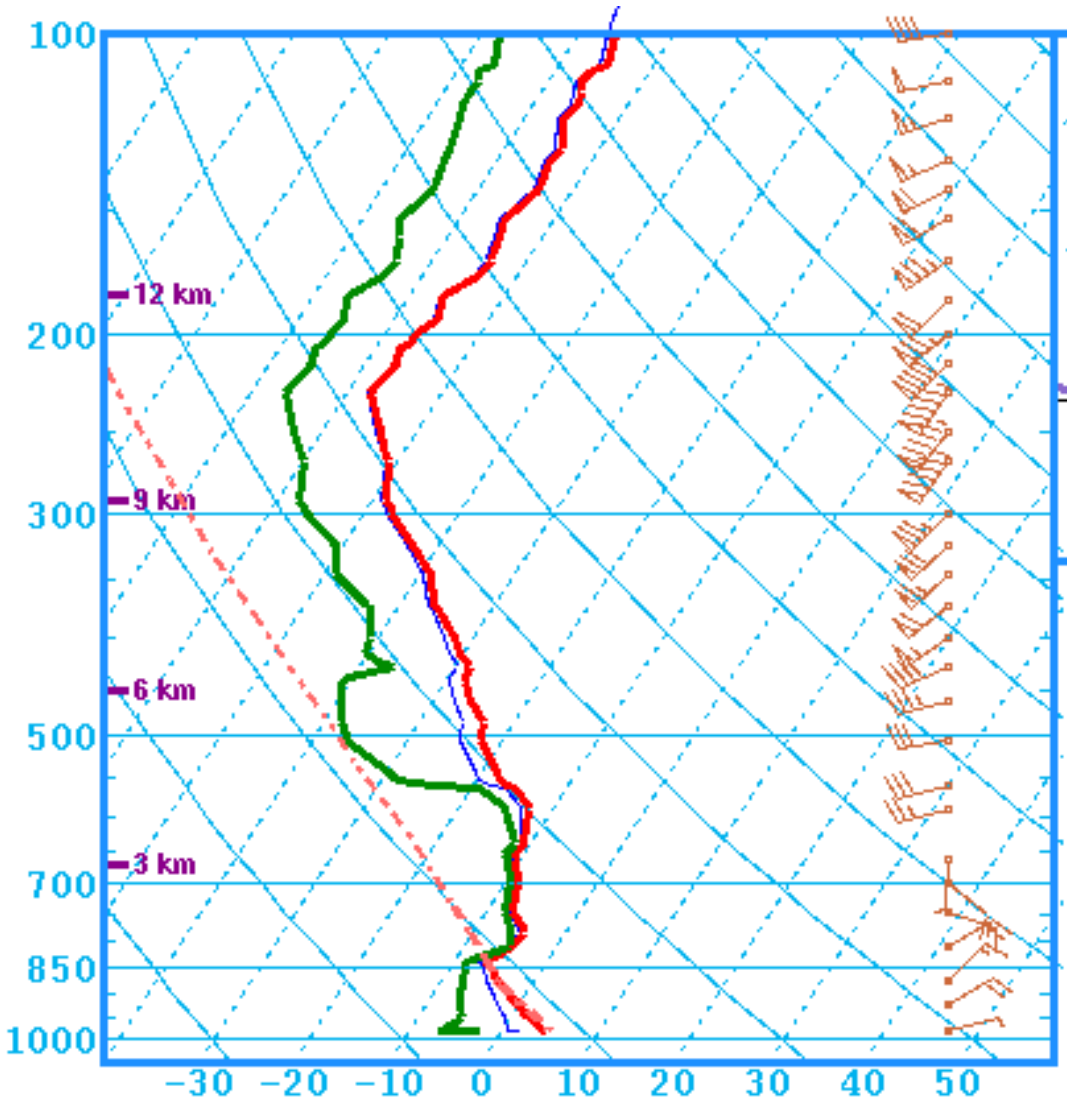
NWS/NCEP/SPC

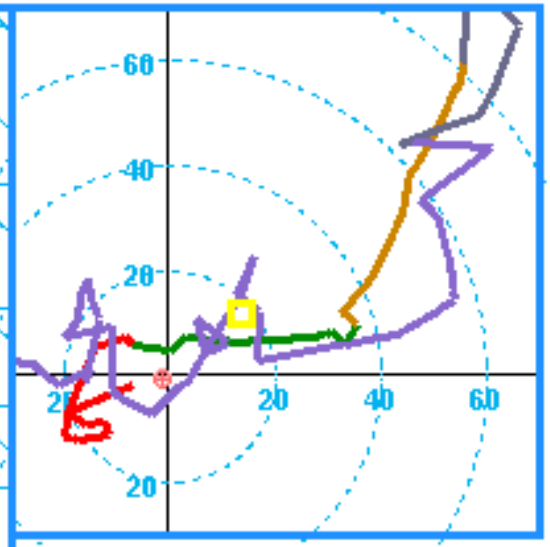


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI-500mb (C)	21
Sfc NV Cap (C)	-999
Sfc NV LFC Hgt (m;agl)	-999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	338
Mean RH (%)	17
Sfc-3km AGL LR (C/km)	4.3
3km-6km AGL LR (C/km)	4.7
DCAPE (J/kg)	77
6km Shear (kt)	60
1km Helicity (m2/s2)	-37
3km Helicity (m2/s2)	-17
BRN Shear (m2/s2)	14
Sfc-2km SR Wind (kt)	19
4-6km SR Wind (kt)	41
Estimated Storm Motion (kt)	357/13
Best Guess Precip Type	Snow.

MPX – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

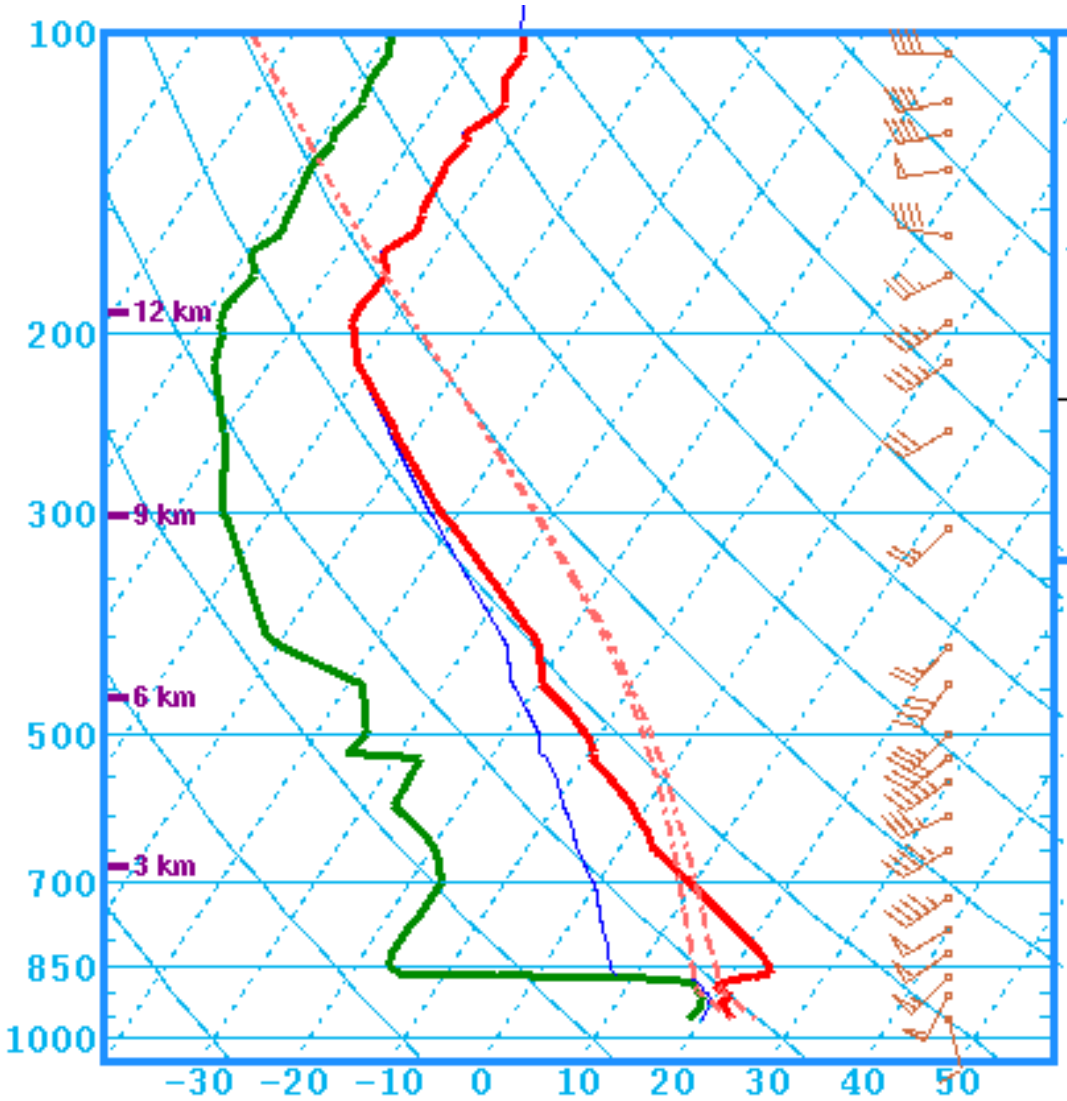


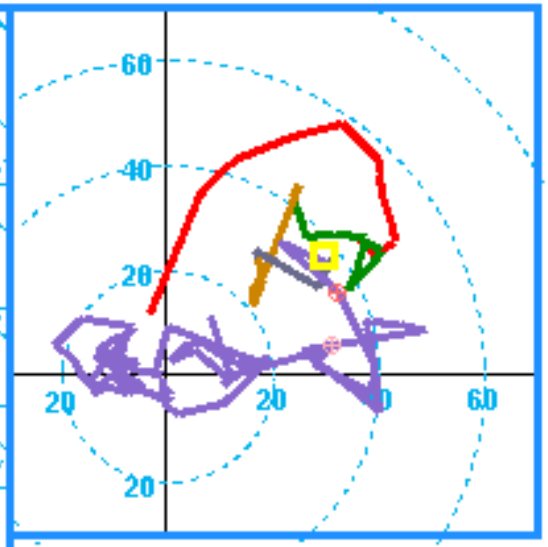


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	15
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	324
Mean RH (%)	33
Sfc−3km AGL LR (C/km)	4.9
3km−6km AGL LR (C/km)	5.8
DCAPE (J/kg)	−26
6km Shear (kt)	43
1km Helicity (m2/s2)	−68
3km Helicity (m2/s2)	115
BRN Shear (m2/s2)	40
Sfc−2km SR Wind (kt)	20
4−6km SR Wind (kt)	36
Estimated Storm Motion (kt)	347/15
Best Guess Precip Type	Rain.

MPX – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

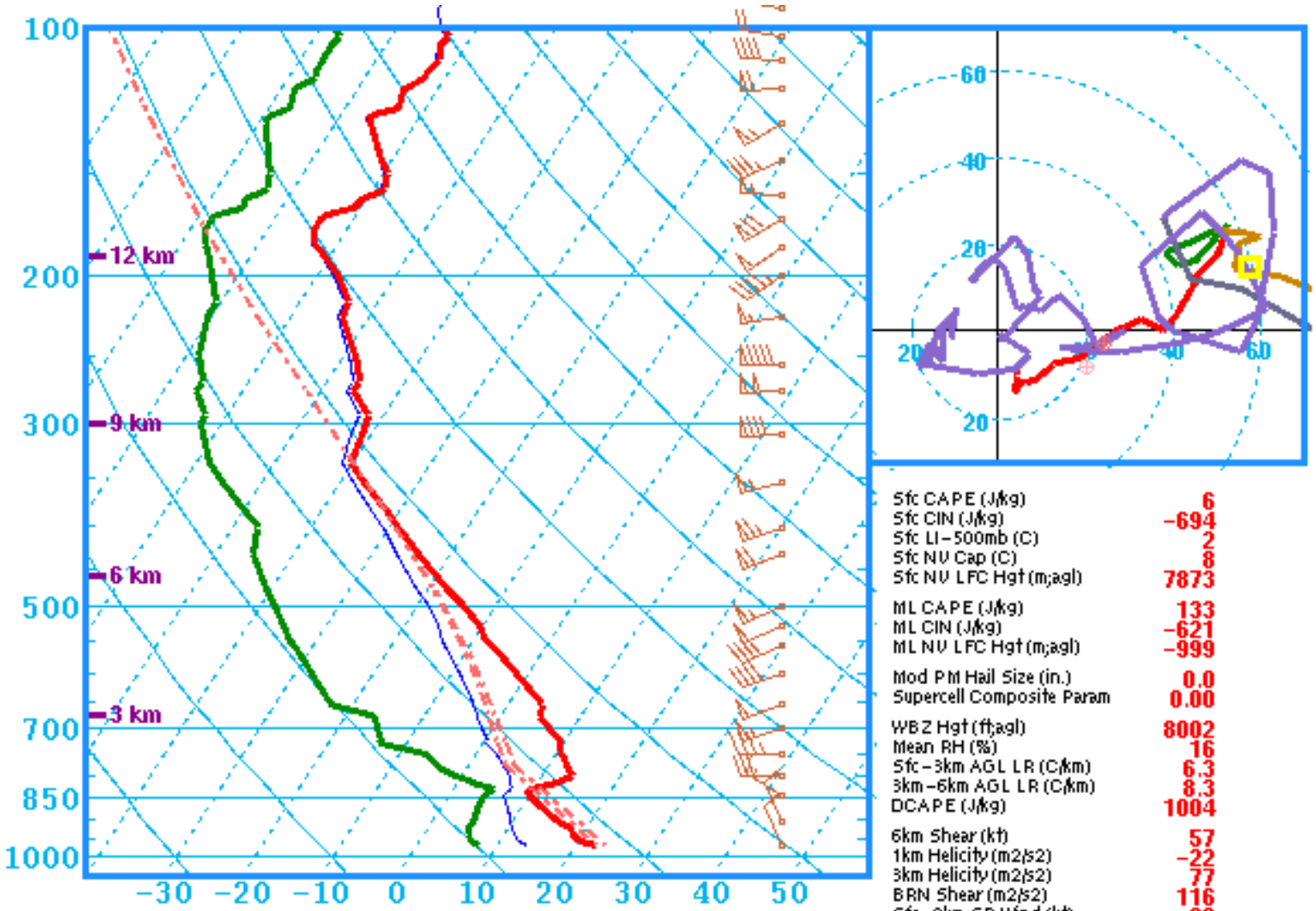




Sfc CAPE (J/kg)	2952
Sfc CIN (J/kg)	−254
Sfc LI−500mb (C)	−7
Sfc NV Cap (C)	8
Sfc NV LFC Hgt (m;agl)	2929
ML CAPE (J/kg)	1295
ML CIN (J/kg)	−681
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	1.1
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	8440
Mean RH (%)	11
Sfc−3km AGL LR (C/km)	6.4
3km−6km AGL LR (C/km)	7.9
DCAPE (J/kg)	589
6km Shear (kt)	36
1km Helicity (m2/s2)	582
3km Helicity (m2/s2)	586
BRN Shear (m2/s2)	73
Sfc−2km SR Wind (kt)	20
4−6km SR Wind (kt)	14
Estimated Storm Motion (kt)	248/44

OUN – 1200 UTC Day 1
OBSERVED Sounding

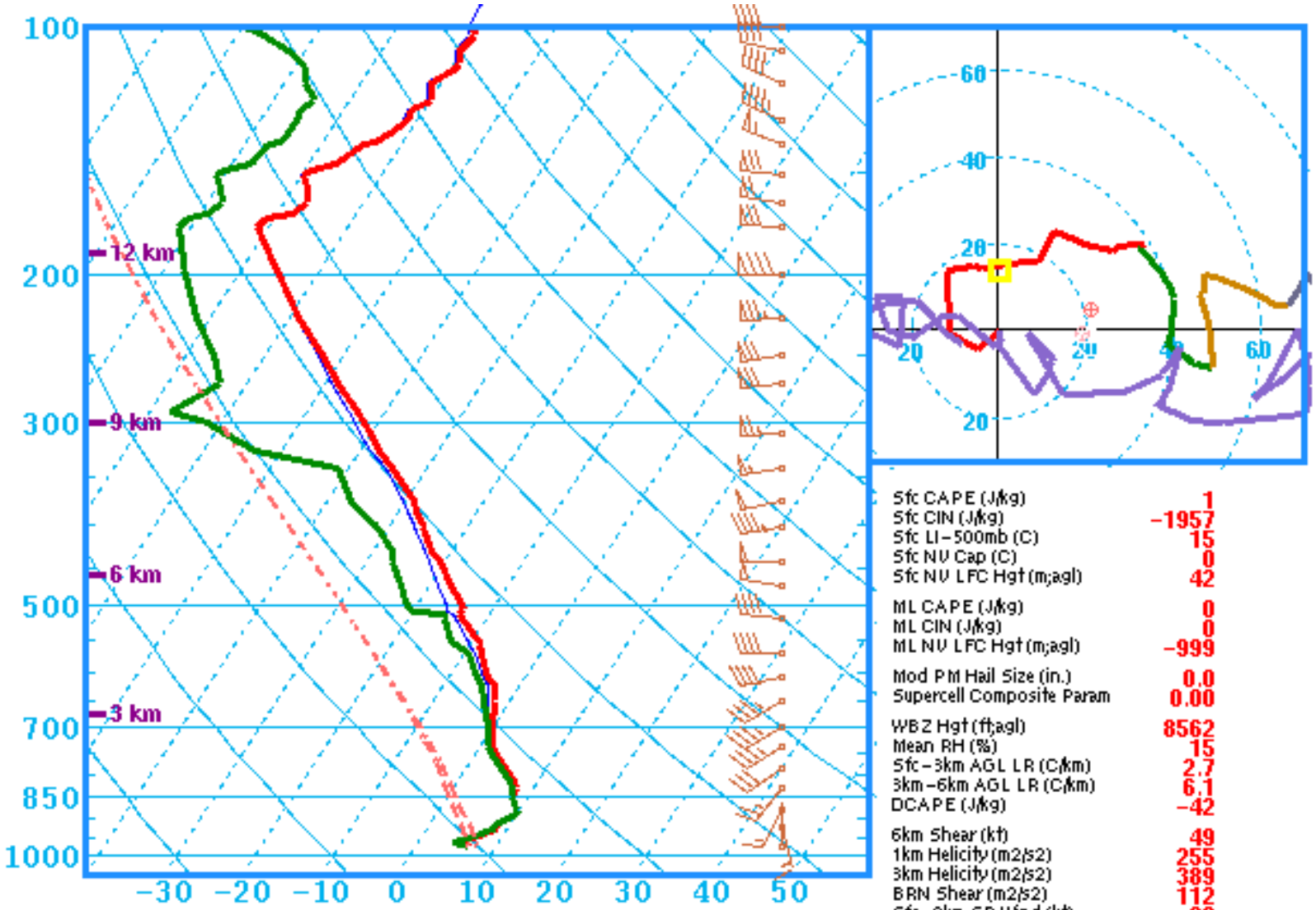
NWS/NCEP/SPC



Sfc CAPE (J/kg)	6
Sfc CIN (J/kg)	-694
Sfc LI-500mb (C)	2
Sfc NV Cap (C)	8
Sfc NV LFC Hgt (m;agl)	7873
ML CAPE (J/kg)	133
ML CIN (J/kg)	-621
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	8002
Mean RH (%)	16
Sfc-3km AGL LR (C/km)	6.3
3km-6km AGL LR (C/km)	8.3
DCAPE (J/kg)	1004
6km Shear (kt)	57
1km Helicity (m2/s2)	-22
3km Helicity (m2/s2)	77
BRN Shear (m2/s2)	116
Sfc-2km SR Wind (kt)	23
4-6km SR Wind (kt)	29
Estimated Storm Motion (kt)	283/37

OUN – 0000 UTC Day 2
OBSERVED Sounding

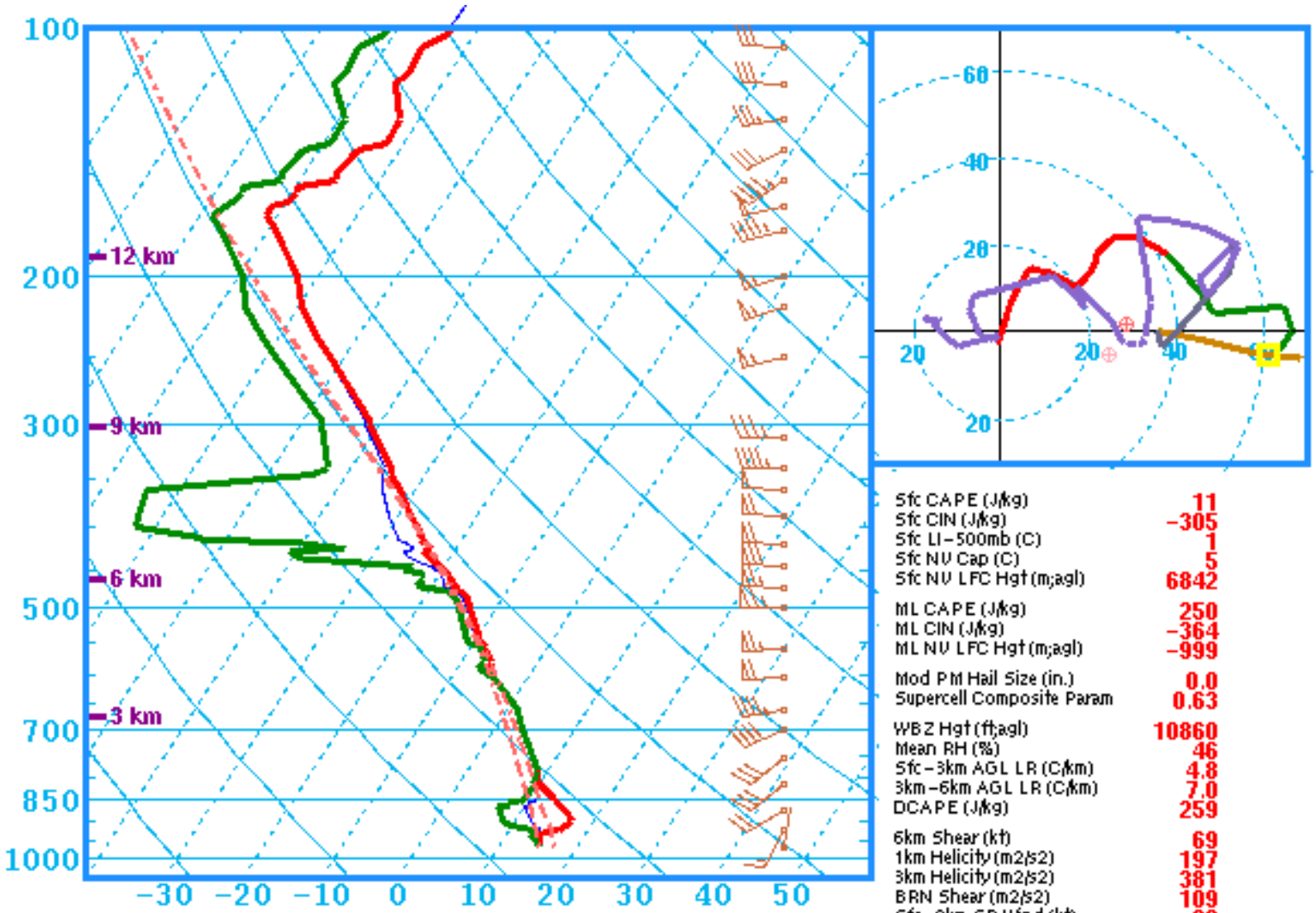
NWS/NCEP/SPC



Sfc CAPE (J/kg)	1
Sfc CIN (J/kg)	−1957
Sfc LI−500mb (C)	15
Sfc NV Cap (C)	0
Sfc NV LFC Hgt (m;agl)	42
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	8562
Mean RH (%)	15
Sfc−3km AGL LR (C/km)	2.7
3km−6km AGL LR (C/km)	6.1
DCAPE (J/kg)	−42
6km Shear (kt)	49
1km Helicity (m2/s2)	255
3km Helicity (m2/s2)	389
BRN Shear (m2/s2)	112
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	22
Estimated Storm Motion (kt)	278/21

PIT – 1200 UTC Day 1
OBSERVED Sounding

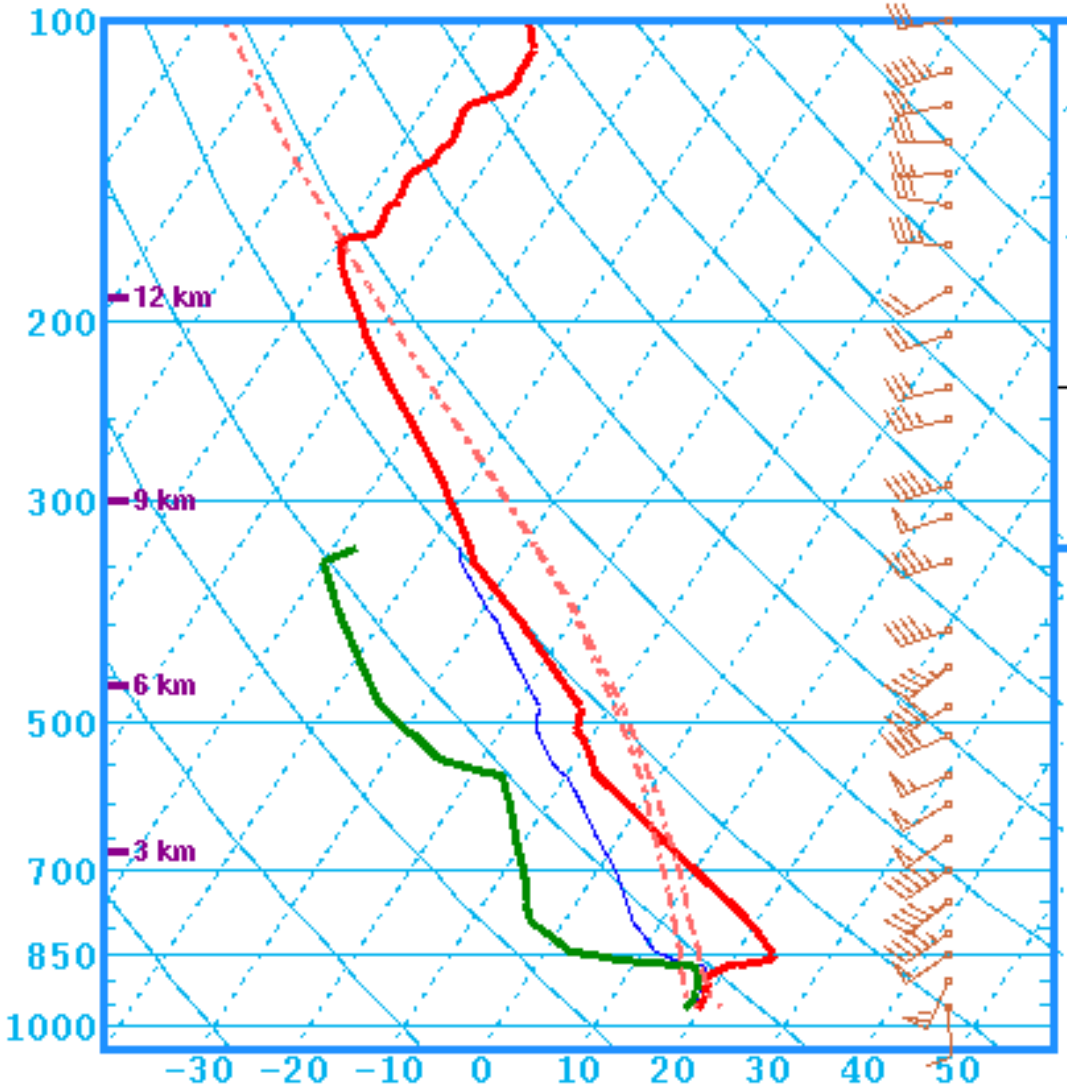
NWS/NCEP/SPC

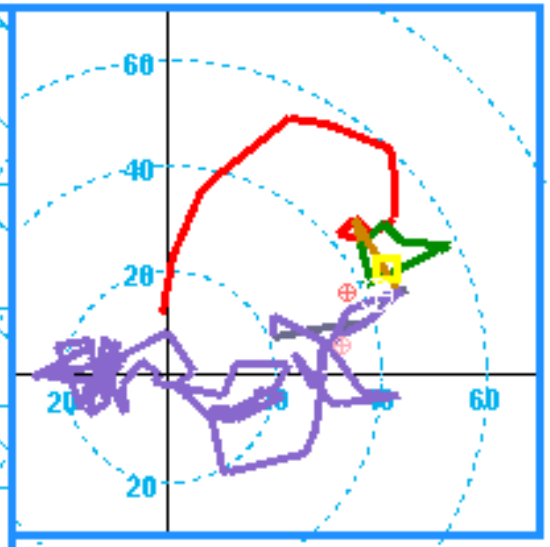


Sfc CAPE (J/kg)	11
Sfc CIN (J/kg)	−305
Sfc LI−500mb (C)	1
Sfc NV Cap (C)	5
Sfc NV LFC Hgt (m;agl)	6842
ML CAPE (J/kg)	250
ML CIN (J/kg)	−364
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.63
WBZ Hgt (ft;agl)	10860
Mean RH (%)	46
Sfc−3km AGL LR (C/km)	4.8
3km−6km AGL LR (C/km)	7.0
DCAPE (J/kg)	259
6km Shear (kt)	69
1km Helicity (m2/s2)	197
3km Helicity (m2/s2)	381
BRN Shear (m2/s2)	109
Sfc−2km SR Wind (kt)	23
4−6km SR Wind (kt)	34
Estimated Storm Motion (kt)	277/32

PIT – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

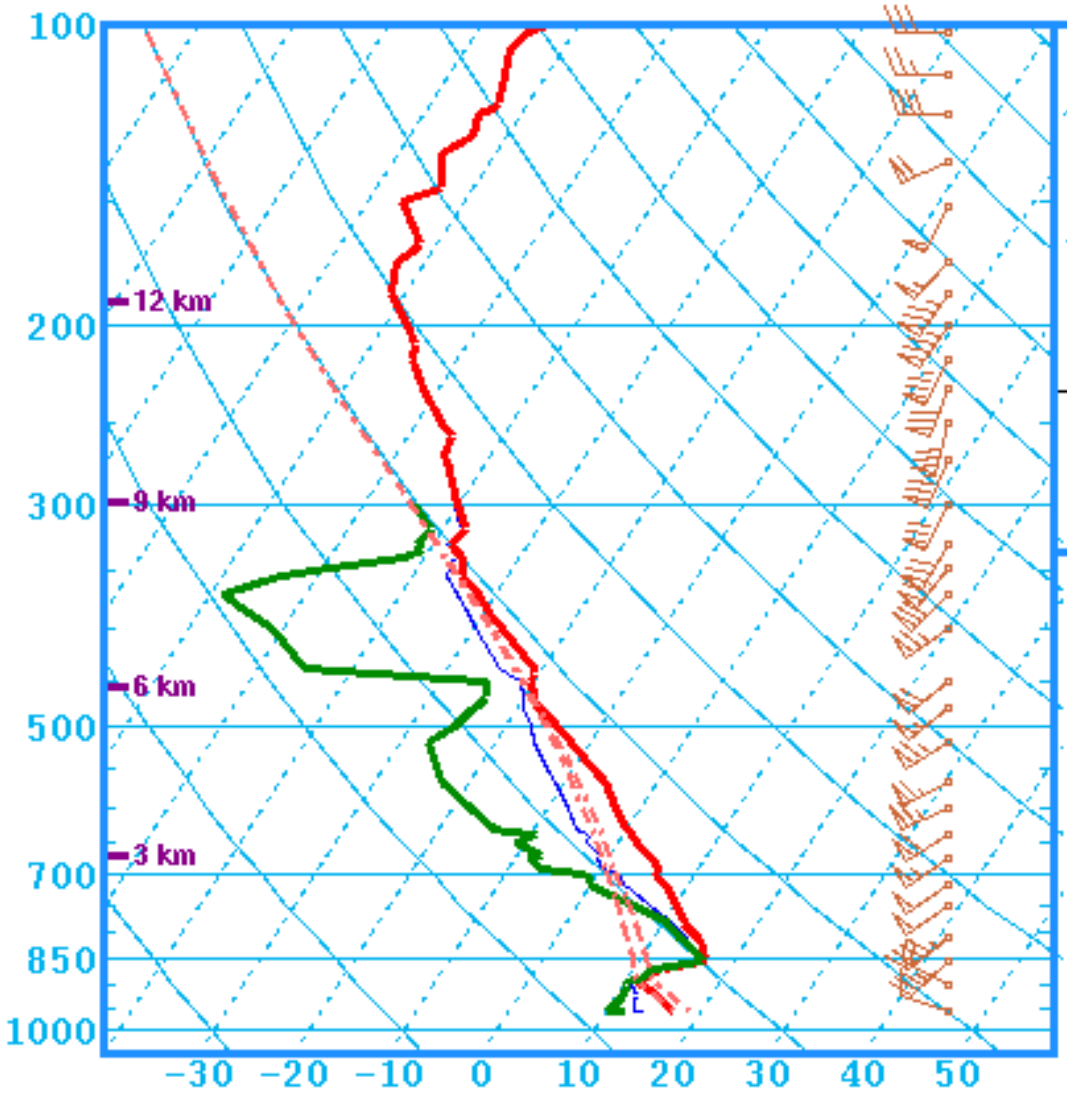


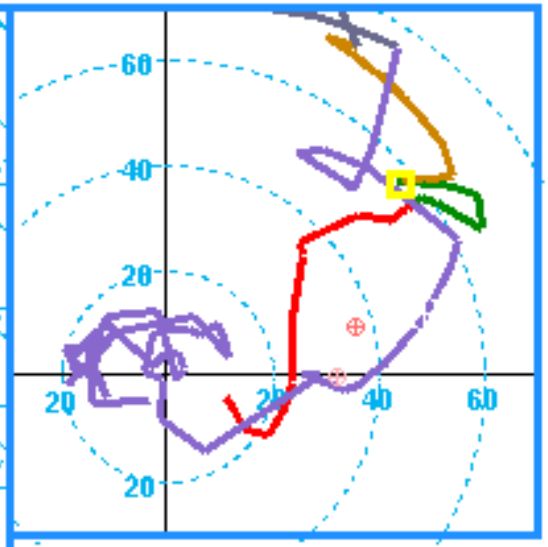


Sfc CAPE (J/kg)	1836
Sfc CIN (J/kg)	−461
Sfc LI−500mb (C)	−5
Sfc NV Cap (C)	10
Sfc NV LFC Hgt (m;agl)	3396
ML CAPE (J/kg)	3863
ML CIN (J/kg)	−526
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	6.8
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	9619
Mean RH (%)	34
Sfc−3km AGL LR (C/km)	4.9
3km−6km AGL LR (C/km)	7.8
DCAPE (J/kg)	1490
6km Shear (kt)	40
1km Helicity (m2/s2)	628
3km Helicity (m2/s2)	624
BRN Shear (m2/s2)	89
Sfc−2km SR Wind (kt)	22
4−6km SR Wind (kt)	8
Estimated Storm Motion (kt)	249/42

SGF – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

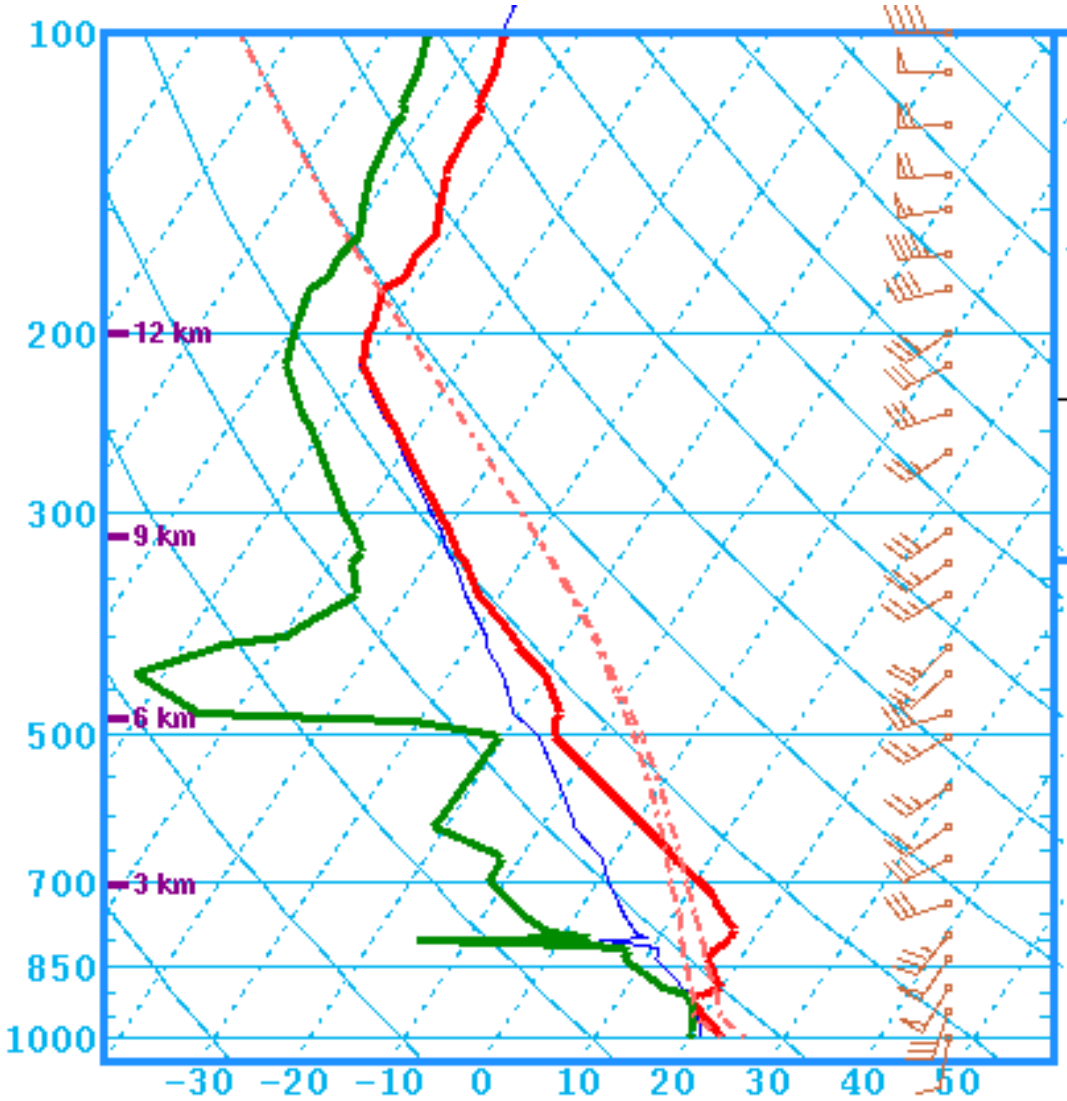


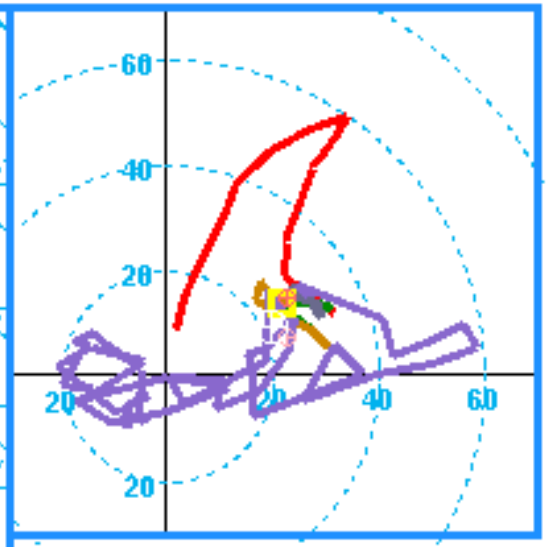


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	1
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	836
ML CIN (J/kg)	−409
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	1.2
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	9104
Mean RH (%)	49
Sfc−3km AGL LR (C/km)	4.9
3km−6km AGL LR (C/km)	8.0
DCAPE (J/kg)	964
6km Shear (kt)	54
1km Helicity (m2/s2)	104
3km Helicity (m2/s2)	239
BRN Shear (m2/s2)	189
Sfc−2km SR Wind (kt)	23
4−6km SR Wind (kt)	23
Estimated Storm Motion (kt)	257/50

SGF – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

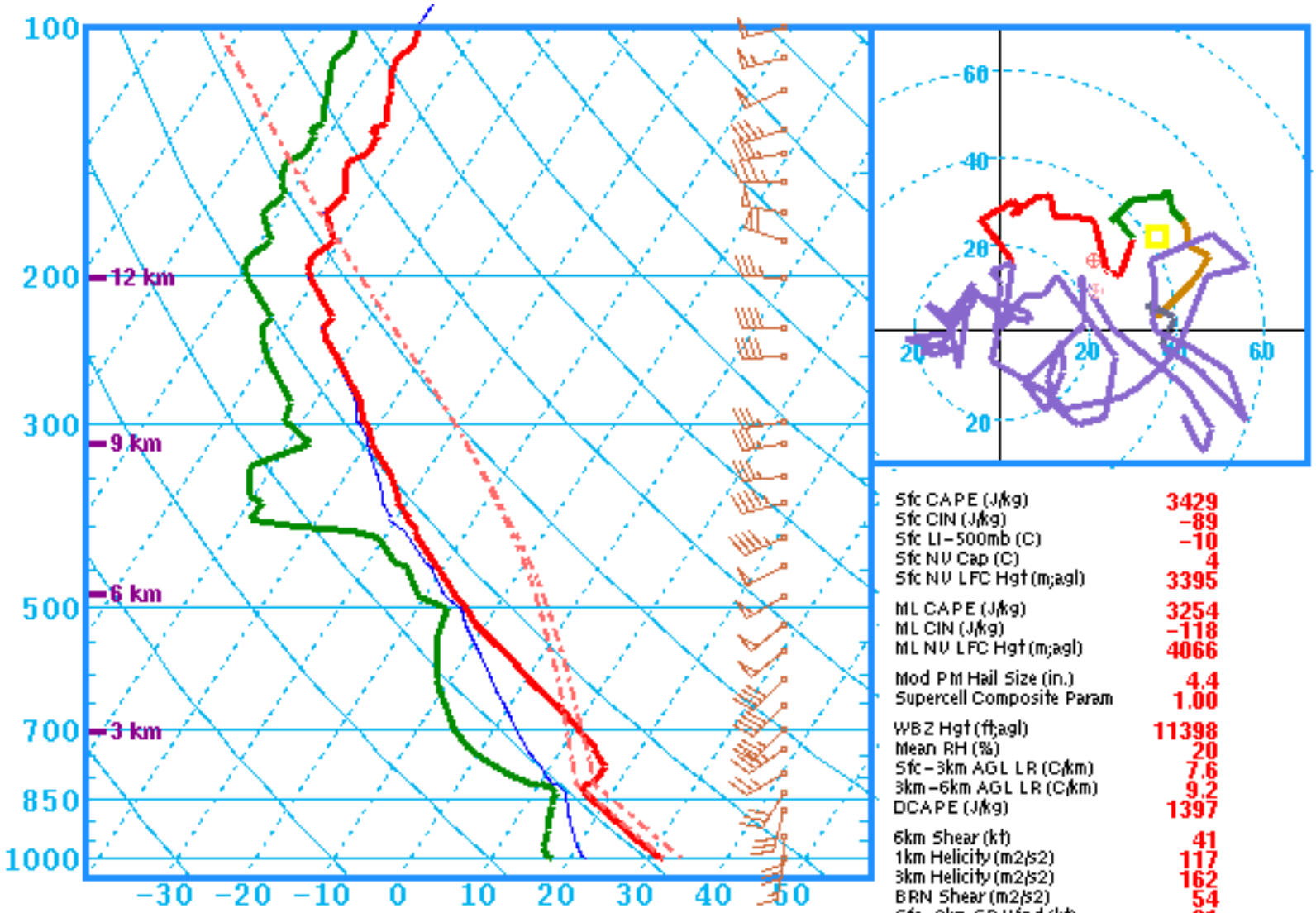




Sfc CAPE (J/kg)	2582
Sfc CIN (J/kg)	-229
Sfc LI-500mb (C)	-9
Sfc NV Cap (C)	6
Sfc NV LFC Hgt (m;agl)	3704
ML CAPE (J/kg)	4419
ML CIN (J/kg)	-221
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	nan
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	10584
Mean RH (%)	18
Sfc-3km AGL LR (C/km)	4.9
3km-6km AGL LR (C/km)	8.9
DCAPE (J/kg)	1426
6km Shear (kt)	29
1km Helicity (m2/s2)	262
3km Helicity (m2/s2)	304
BRN Shear (m2/s2)	34
Sfc-2km SR Wind (kt)	25
4-6km SR Wind (kt)	4
Estimated Storm Motion (kt)	245/22

SHV – 1200 UTC Day 1
OBSERVED Sounding

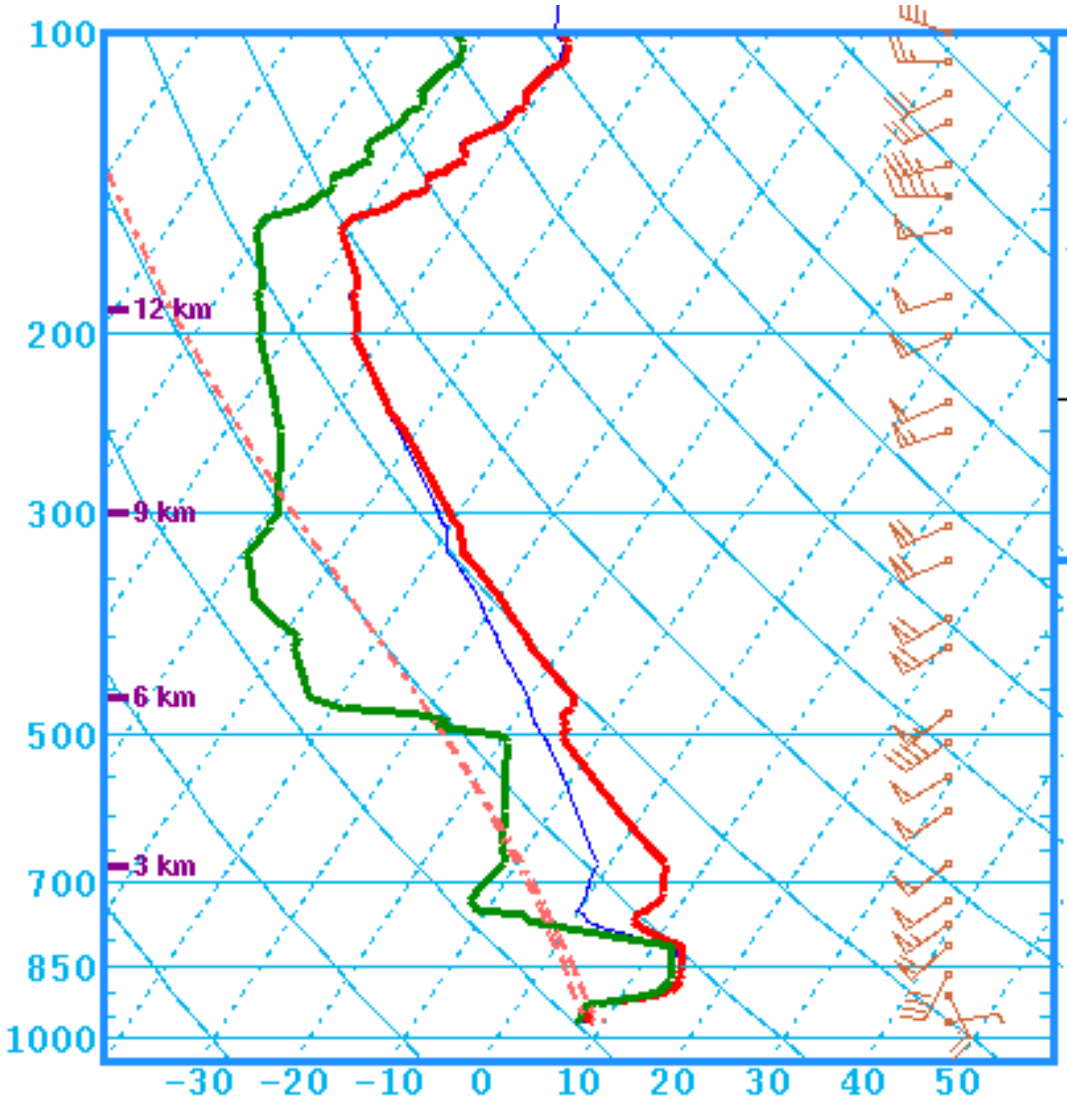
NWS/NCEP/SPC

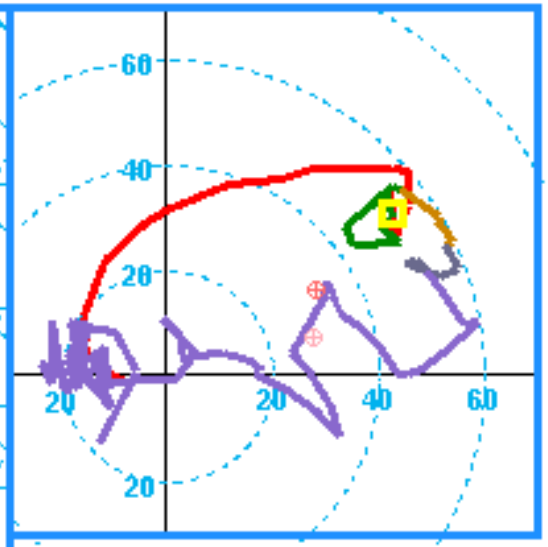


Sfc CAPE (J/kg)	3429
Sfc CIN (J/kg)	−89
Sfc LI−500mb (C)	−10
Sfc NV Cap (C)	4
Sfc NV LFC Hgt (m;agl)	3395
ML CAPE (J/kg)	3254
ML CIN (J/kg)	−118
ML NV LFC Hgt (m;agl)	4066
Mod PM Hail Size (in.)	4.4
Supercell Composite Param	1.00
WBZ Hgt (ft;agl)	11398
Mean RH (%)	20
Sfc−3km AGL LR (C/km)	7.6
3km−6km AGL LR (C/km)	9.2
DCAPE (J/kg)	1397
6km Shear (kt)	41
1km Helicity (m2/s2)	117
3km Helicity (m2/s2)	162
BRN Shear (m2/s2)	54
Sfc−2km SR Wind (kt)	21
4−6km SR Wind (kt)	23
Estimated Storm Motion (kt)	244/25

SHV – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

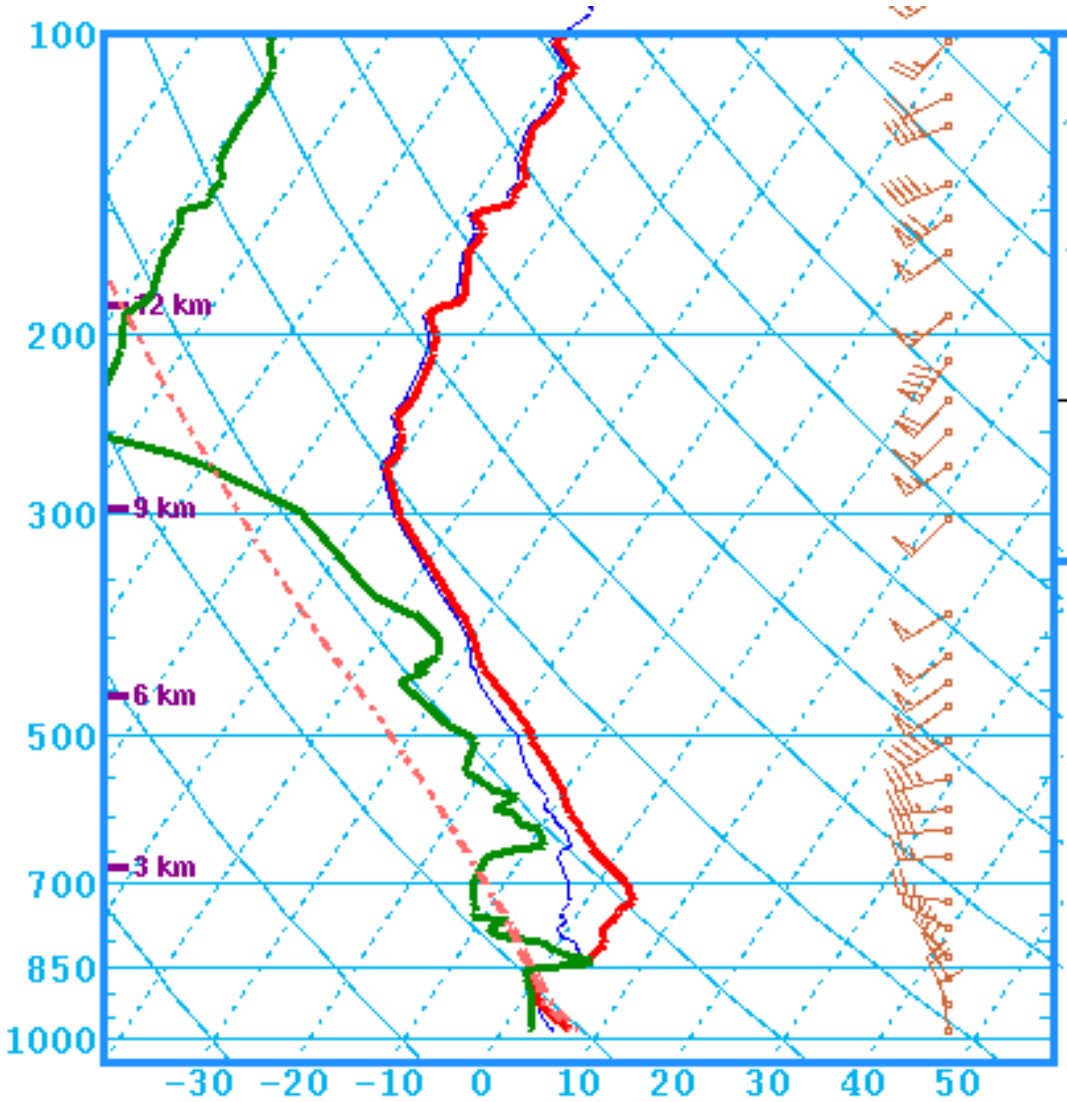


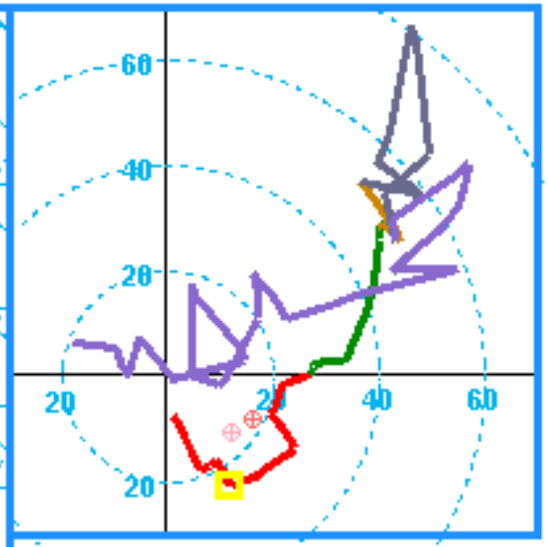


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	12
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	−866
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	7052
Mean RH (%)	22
Sfc−3km AGL LR (C/km)	1.4
3km−6km AGL LR (C/km)	7.1
DCAPE (J/kg)	395
6km Shear (kt)	63
1km Helicity (m2/s2)	657
3km Helicity (m2/s2)	805
BRN Shear (m2/s2)	269
Sfc−2km SR Wind (kt)	23
4−6km SR Wind (kt)	14
Estimated Storm Motion (kt)	247/39

TOP −1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC

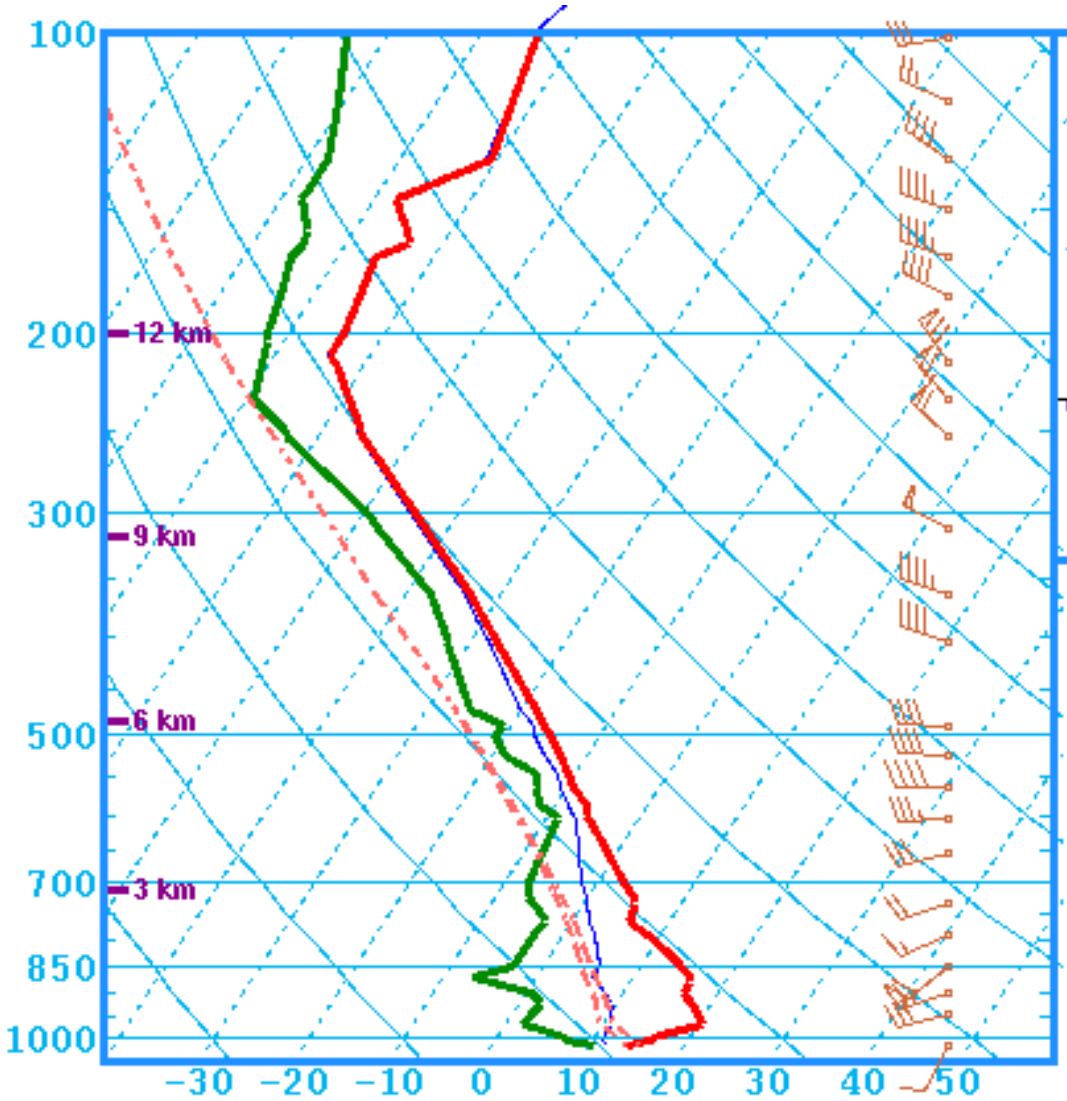


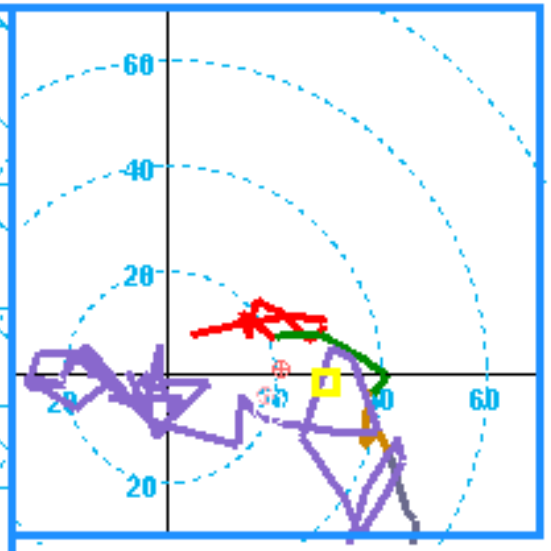


Sfc CAPE (J/kg)	12
Sfc CIN (J/kg)	−1928
Sfc LI−500mb (C)	15
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	2529
Mean RH (%)	13
Sfc−3km AGL LR (C/km)	2.5
3km−6km AGL LR (C/km)	7.7
DCAPE (J/kg)	−228
6km Shear (kt)	53
1km Helicity (m2/s2)	−73
3km Helicity (m2/s2)	−20
BRN Shear (m2/s2)	47
Sfc−2km SR Wind (kt)	19
4−6km SR Wind (kt)	32
Estimated Storm Motion (kt)	296/35

TOP – 0000 UTC Day 2
OBSERVED Sounding

NWS/NCEP/SPC

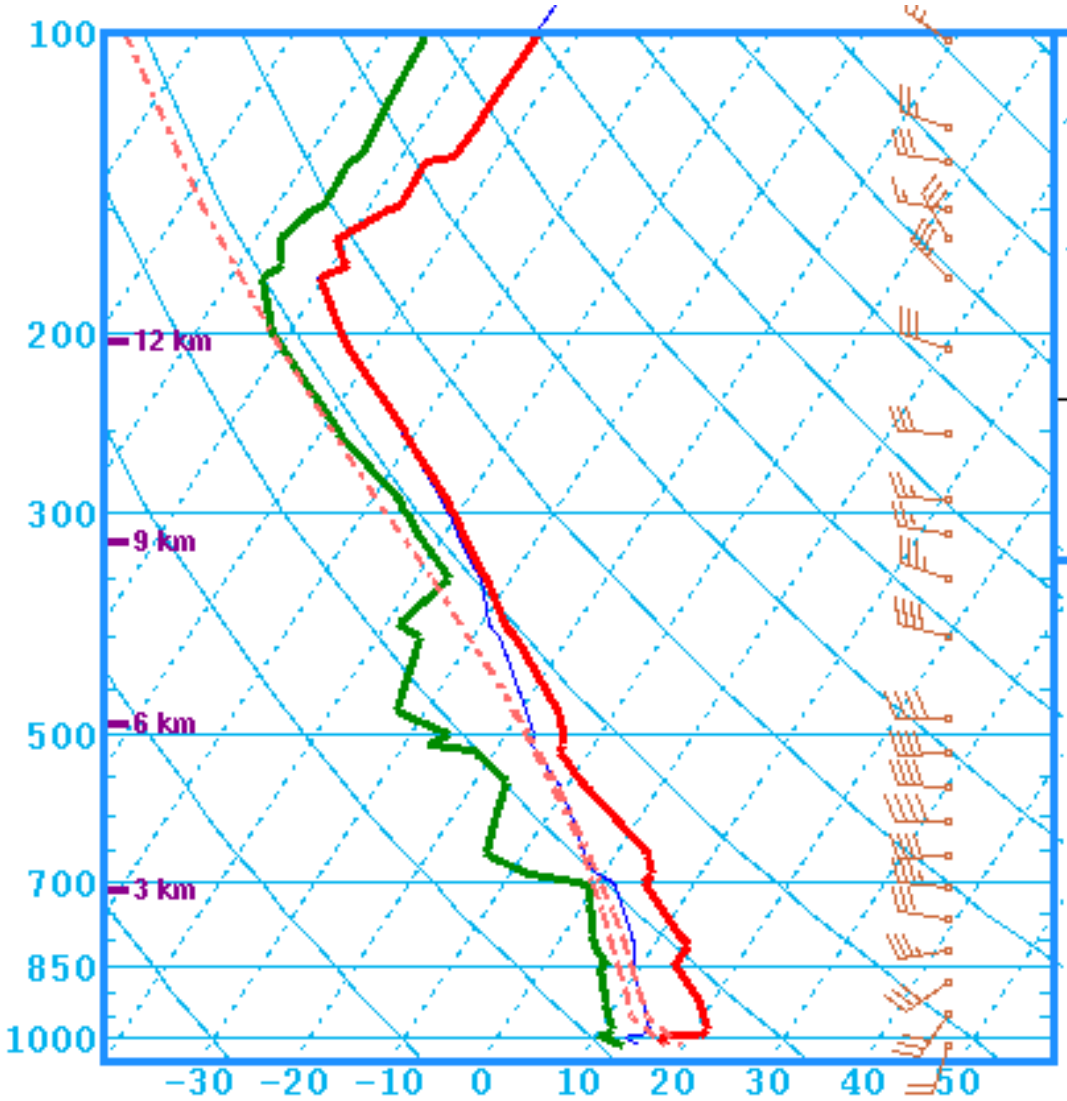


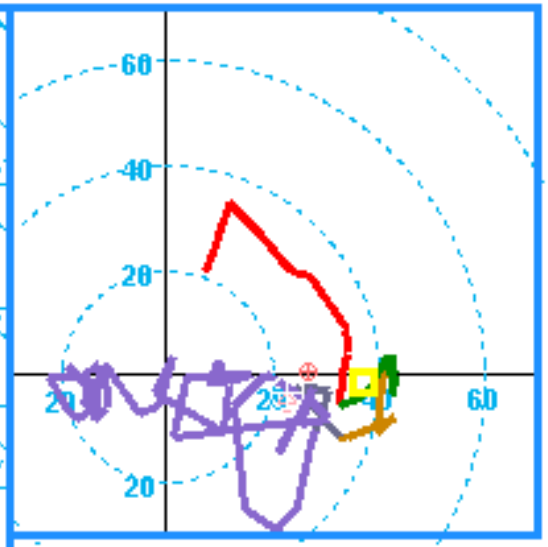


Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI-500mb (C)	8
Sfc NV Cap (C)	-999
Sfc NV LFC Hgt (m;agl)	-999
ML CAPE (J/kg)	0
ML CIN (J/kg)	0
ML NV LFC Hgt (m;agl)	-999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	9204
Mean RH (%)	15
Sfc-3km AGL LR (C/km)	3.8
3km-6km AGL LR (C/km)	6.9
DCAPE (J/kg)	390
6km Shear (kt)	35
1km Helicity (m2/s2)	101
3km Helicity (m2/s2)	73
BRN Shear (m2/s2)	2
Sfc-2km SR Wind (kt)	16
4-6km SR Wind (kt)	20
Estimated Storm Motion (kt)	288/20

WAL – 1200 UTC Day 1
OBSERVED Sounding

NWS/NCEP/SPC





Sfc CAPE (J/kg)	0
Sfc CIN (J/kg)	0
Sfc LI−500mb (C)	3
Sfc NV Cap (C)	−999
Sfc NV LFC Hgt (m;agl)	−999
ML CAPE (J/kg)	29
ML CIN (J/kg)	−825
ML NV LFC Hgt (m;agl)	−999
Mod PM Hail Size (in.)	0.0
Supercell Composite Param	0.00
WBZ Hgt (ft;agl)	10562
Mean RH (%)	25
Sfc−3km AGL LR (C/km)	4.5
3km−6km AGL LR (C/km)	7.0
DCAPE (J/kg)	828
6km Shear (kt)	39
1km Helicity (m2/s2)	167
3km Helicity (m2/s2)	268
BRN Shear (m2/s2)	91
Sfc−2km SR Wind (kt)	23
4−6km SR Wind (kt)	20
Estimated Storm Motion (kt)	278/23

WAL – 0000 UTC Day 2
OBSERVED Sounding

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