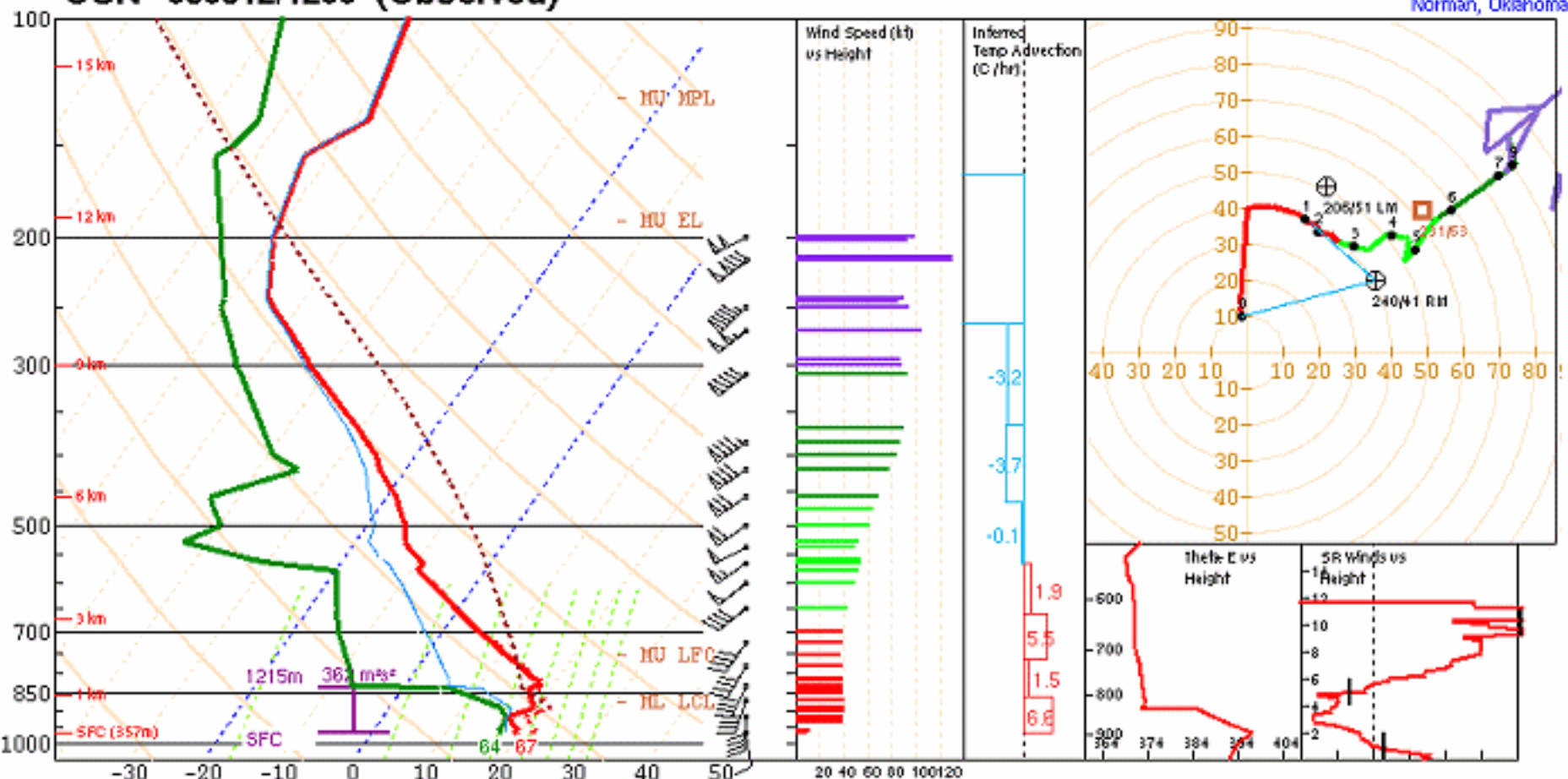


OUN 060312/1200 (Observed)

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	1932	-191	192m	-7	2386m	37816'
MIXED LAYER	2220	-139	812m	-7	2192m	38121'
FCST SURFACE	3733	0	1636m	-11	1689m	40272'
MU (894 mb)	2857	-56	1224m	-9	2081m	39168'
PW = 0.83 in 3CAPE = 51 J/kg WBZ = 7760' WNDG = 0.0 K = 22 DCAPE = 1369 J/kg FZL = 10747' ESP = 0.0 MidRH = 22% DownT = 53 F ConvT = 86F MMP = 1.00 LowRH = 57% MeanW = 12.4 g/kg MaxT = 86F TEI = 28.2 SigSevere = 75154 m3/s3						
Sfc-3km Agl Lapse Rate = 6.3 C/km 3-6km Agl Lapse Rate = 7.1 C/km 850-500mb Lapse Rate = 8.0 C/km 700-500mb Lapse Rate = 7.7 C/km						

Supercell = 20.7
Left Supercell = 7.9
Sig Tor (CIN) = 2.2
Sig Tor (fixed) = 4.7
Sig Hail = 2.7

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	361	32	189/38	122/34
SFC - 3 km	388	40	205/37	125/24
Eff Inflow Layer	362	32	192/38	122/32
SFC - 6 km		66	217/41	141/16
Lower Half Storm Depth		66	217/41	141/16
Cloud Bearing Layer		M	227/58	201/20
BRN Shear = 78 m/s²				
4-6km SR Wind =			225/18 kt	
.....Storm Motion Vectors.....				
Bunkers Right =			240/41 kt	
Bunkers Left =			206/51 kt	
Corfidi Downshear =			243/90 kt	
Corfidi Upshear =			266/35 kt	

1km & 6km AGL
Wind Barbs

*** BEST GUESS PRECIP TYPE ***

Rain.
 Based on sfc temperature of 66.9 F.

SARS - Sounding Analogs

SUPERCCELL	SIGFNT HAIL
03050501.L2K SIG	03040800.PWD 4.25
03050500.UNH SIG	58042200.PWH 2.75
03050500.JBR SIG	01042100.OAX 2.75
03051100.UNH SIG	
03050918.CHO WEAK	

(25 loose matches)
SARS: 68% TOR

(17 loose matches)
SARS: 94% SIG