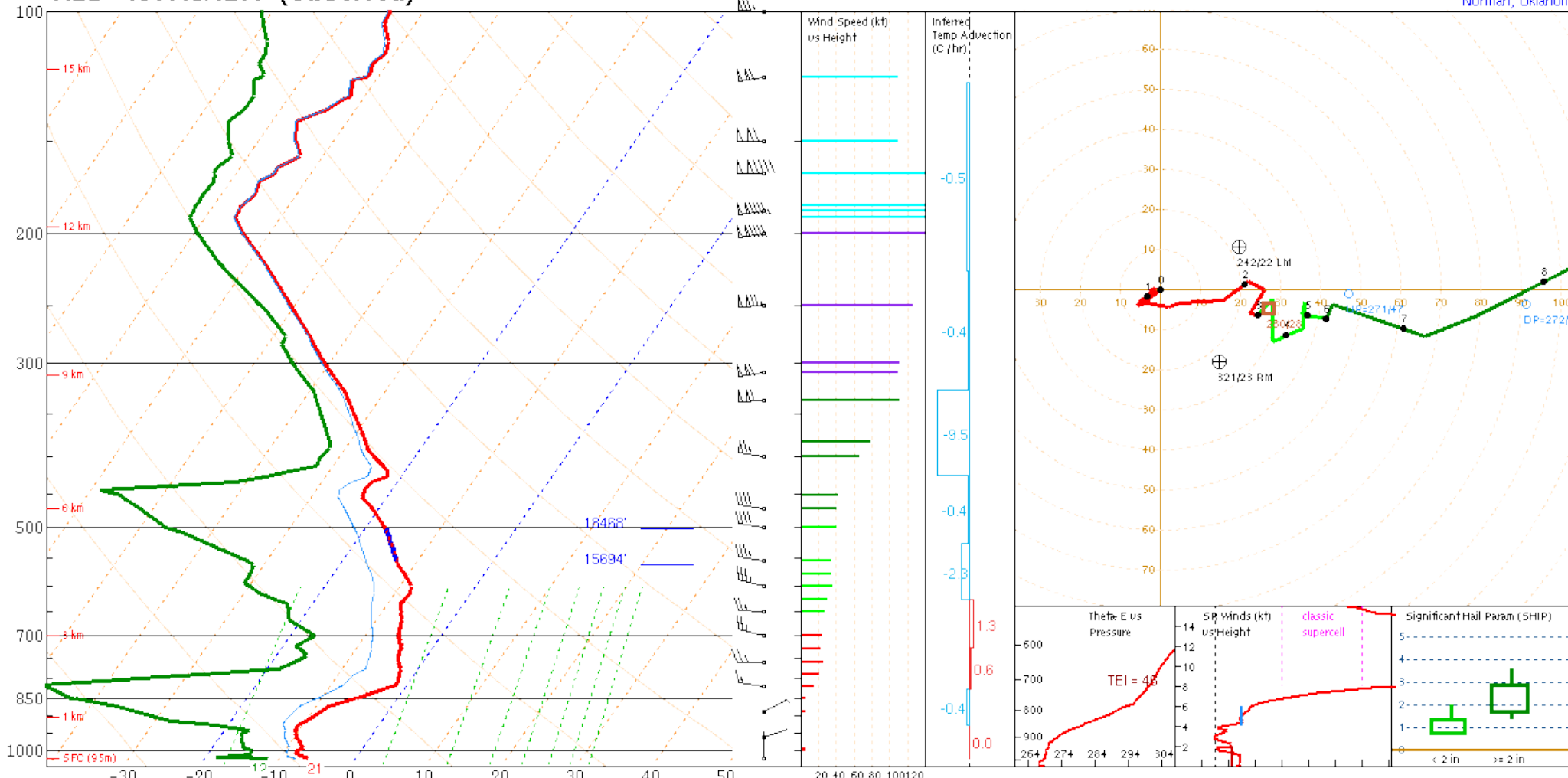


ALB 181115/1200 (Observed)

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	602m	35	M	1975'
MIXED LAYER	0	0	1217m	35	M	3992'
FCST SURFACE	0	0	1821m	31	M	5973'
MU (613 mb)	0	0	6457m	7	M	21178'

PW = 0.17 in	3CAPE = 0 J/kg	WBZ = M	WNDG = 0.0
K = -42	DCAPE = -71 J/kg	FZL = M	ESP = 0.0
MidRH = 14%	DownT = 27 F	ConvT = M	MMP = 0.67
LowRH = 42%	MeanW = 1.1 g/kg	MaxT = 31F	NCAPE = 0.00
SigSevere = 0 m3/s3			

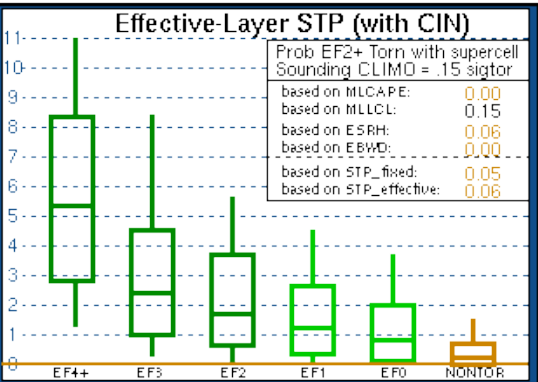
Sfc-3km Agl Lapse Rate = -0.3 C/km	Supercell = 0.0
3-6km Agl Lapse Rate = 5.0 C/km	Left Supercell = 0.0
850-500mb Lapse Rate = 3.0 C/km	STP (eff layer) = 0.0
700-500mb Lapse Rate = 4.6 C/km	STP (fix layer) = 0.0
	Sig Hail = -0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	-21	4	63/3	134/24
SFC - 3 km	101	25	288/7	154/18
SFC - 6 km		42	283/15	177/15
SFC - 8 km		96	280/20	200/15

BRN Shear = 45 m/s²	
4-6km SR Wind = 243/25 kt	
.....Storm Motion Vectors.....	
Bunkers Right = 321/23 kt	
Bunkers Left = 242/22 kt	
Corfidi Downshear = 272/31 kt	
Corfidi Upshear = 271/47 kt	

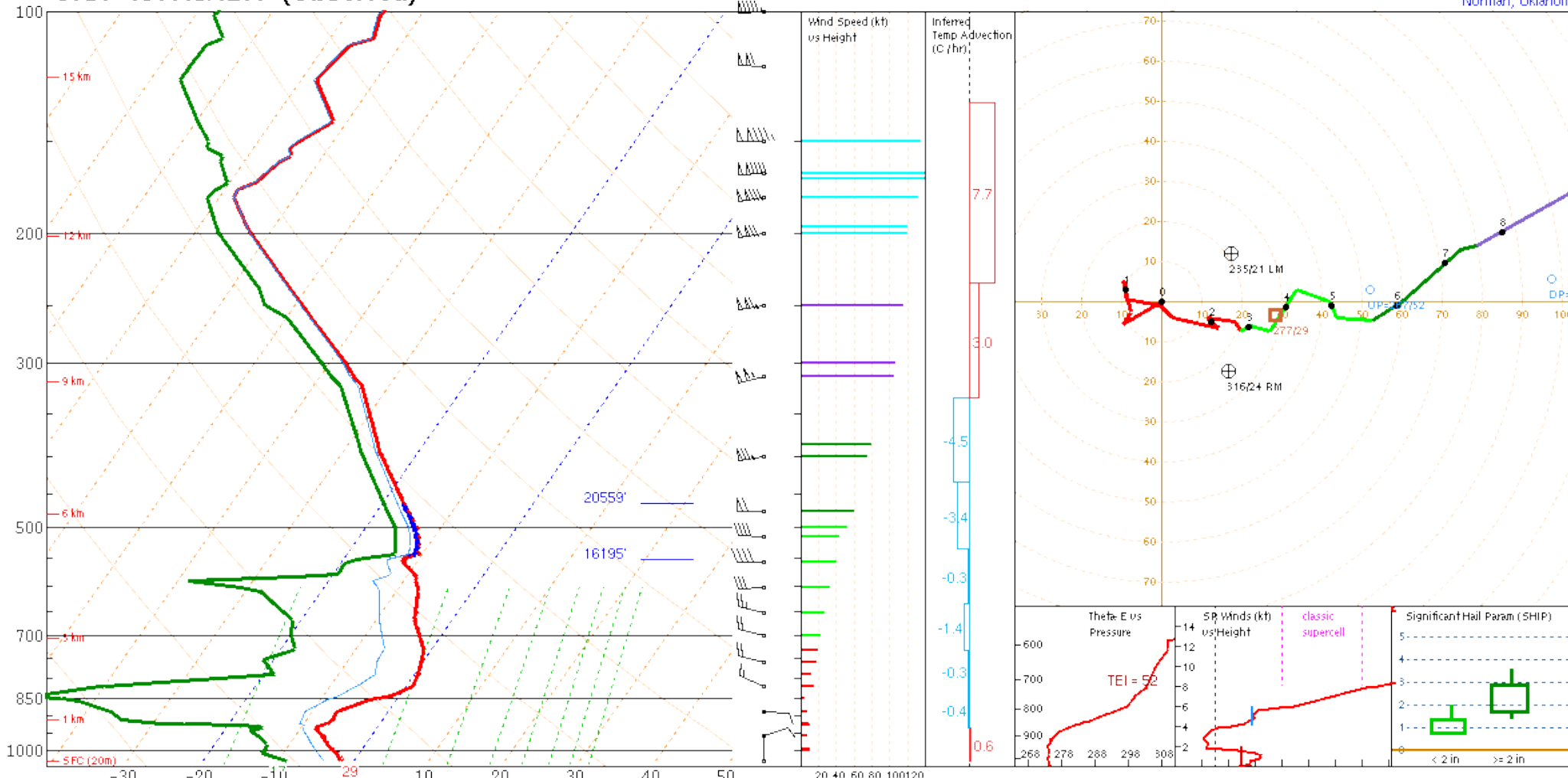
1km & 6km AGL Wind Barbs

*** BEST GUESS PRECIP TYPE ***	
None.	
Based on sfc temperature of 20.7 F.	
SARS - Sounding Analogs	
SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches



OKX 181115/1200 (Observed)

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	862m	35	M	2826'
MIXED LAYER	0	0	1416m	36	M	4644'
FCST SURFACE	0	0	1771m	33	M	5810'
MU (809 mb)	0	0	6743m	10	M	22115'

PW = 0.29 in	3CAPE = 0 J/kg	WBZ = M	WNDG = 0.0
K = -51	DCAPE = 26 J/kg	FZL = M	ESP = 0.0
MidRH = 9%	DownT = 29 F	ConvT = M	MMP = 0.68
LowRH = 30%	MeanW = 1.4 g/kg	MaxT = 36F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate = 0.3 C/km	Supercell = 0.0
3-6km Agl Lapse Rate = 4.4 C/km	Left Supercell = 0.0
850-500mb Lapse Rate = 2.6 C/km	STP (eff layer) = 0.0
700-500mb Lapse Rate = 4.1 C/km	STP (fix layer) = 0.0
	Sig Hail = -0.0

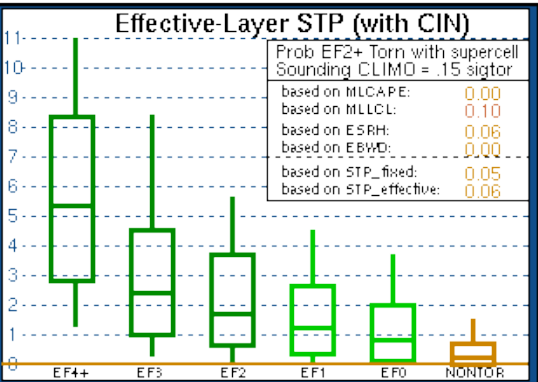
	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	-11	10	80/7	123/29
SFC - 3 km	59	23	326/3	133/22
SFC - 6 km		59	281/13	164/15
SFC - 8 km		87	274/19	186/16

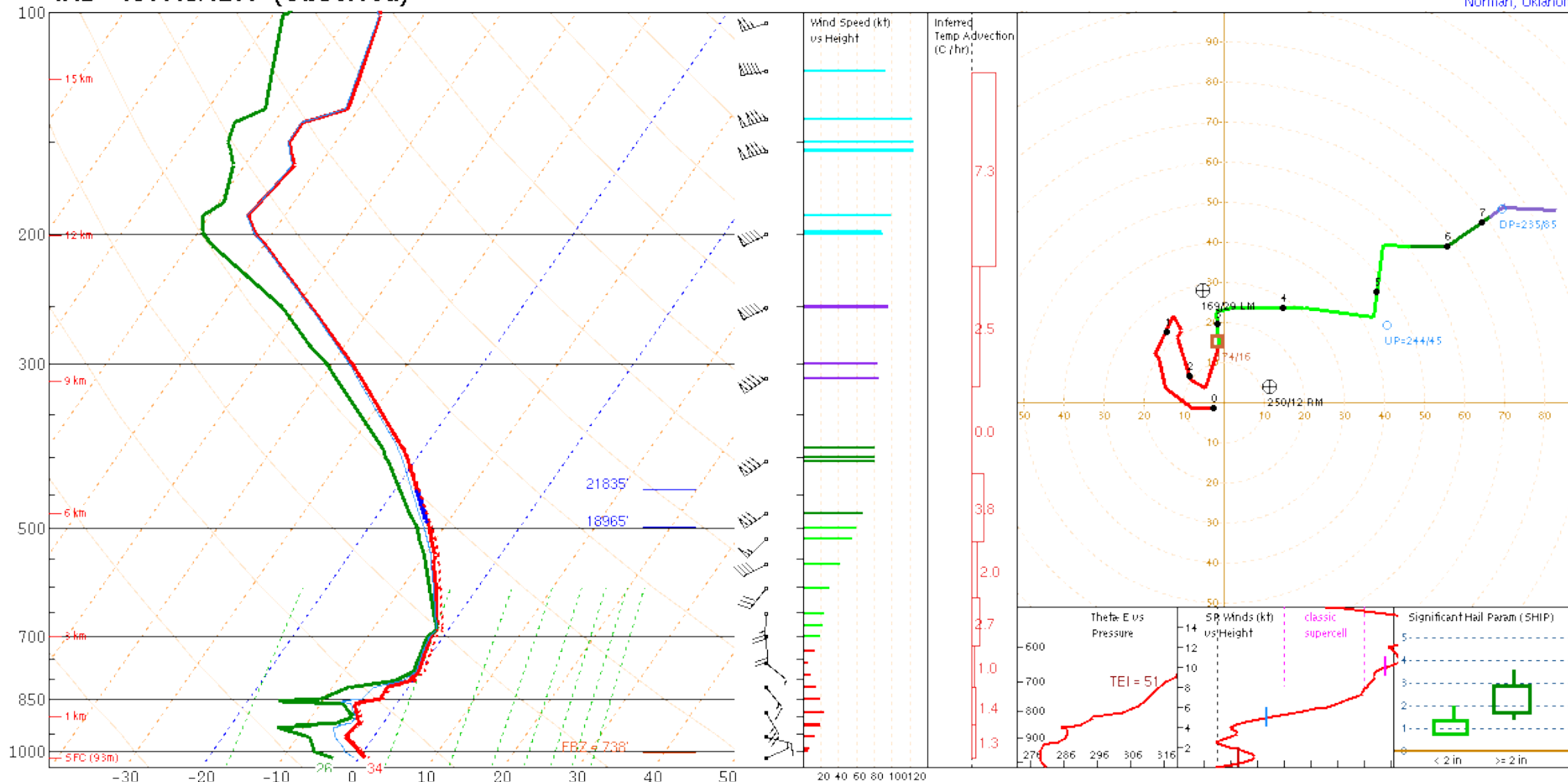
BRN Shear = 49 m/s²
4-6km SR Wind = 236/29 kt

.....Storm Motion Vectors.....
Bunkers Right = 316/24 kt
Bunkers Left = 235/21 kt

Corfidi Downshear = 267/97 kt
Corfidi Upshear = 267/52 kt

*** BEST GUESS PRECIP TYPE ***	
None. Based on sfc temperature of 29.3 F.	
SARS - Sounding Analogs	
SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches





PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	533m	32	M	1747'
MIXED LAYER	0	0	1250m	33	M	4100'
FCST SURFACE	0	0	1791m	29	M	5873'
MU (603 mb)	0	0	4268m	3	M	13999'

PW = 0.81 in	3CAPE = 0 J/kg	WBZ = M	WNDG = 0.0
K = -1	DCAPE = -71 J/kg	FZL = 433'	ESP = 0.0
MidRH = 75%	DownT = 38 F	ConvT = M	MMP = 0.44
LowRH = 68%	MeanW = 2.1 g/kg	MaxT = 45F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Supercell = 0.0
Left Supercell = 0.0
STP (eff layer) = 0.0
STP (fix layer) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	146	22	113/13	92/23
SFC - 3 km	152	21	136/13	105/21
SFC - 6 km		71	185/15	131/15
SFC - 8 km		85	203/19	158/14

BRN Shear = 42 m/s²
4-6km SR Wind = 223/34 kt

.....Storm Motion Vectors.....
Bunkers Right = 250/12 kt
Bunkers Left = 169/29 kt
Corfidi Downshear = 235/85 kt
Corfidi Upshear = 244/45 kt



*** BEST GUESS PRECIP TYPE ***

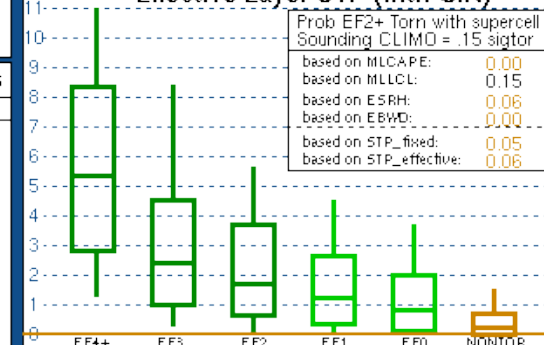
Sleet.

Based on sfc temperature of 34.2 F.

SARS - Sounding Analogs

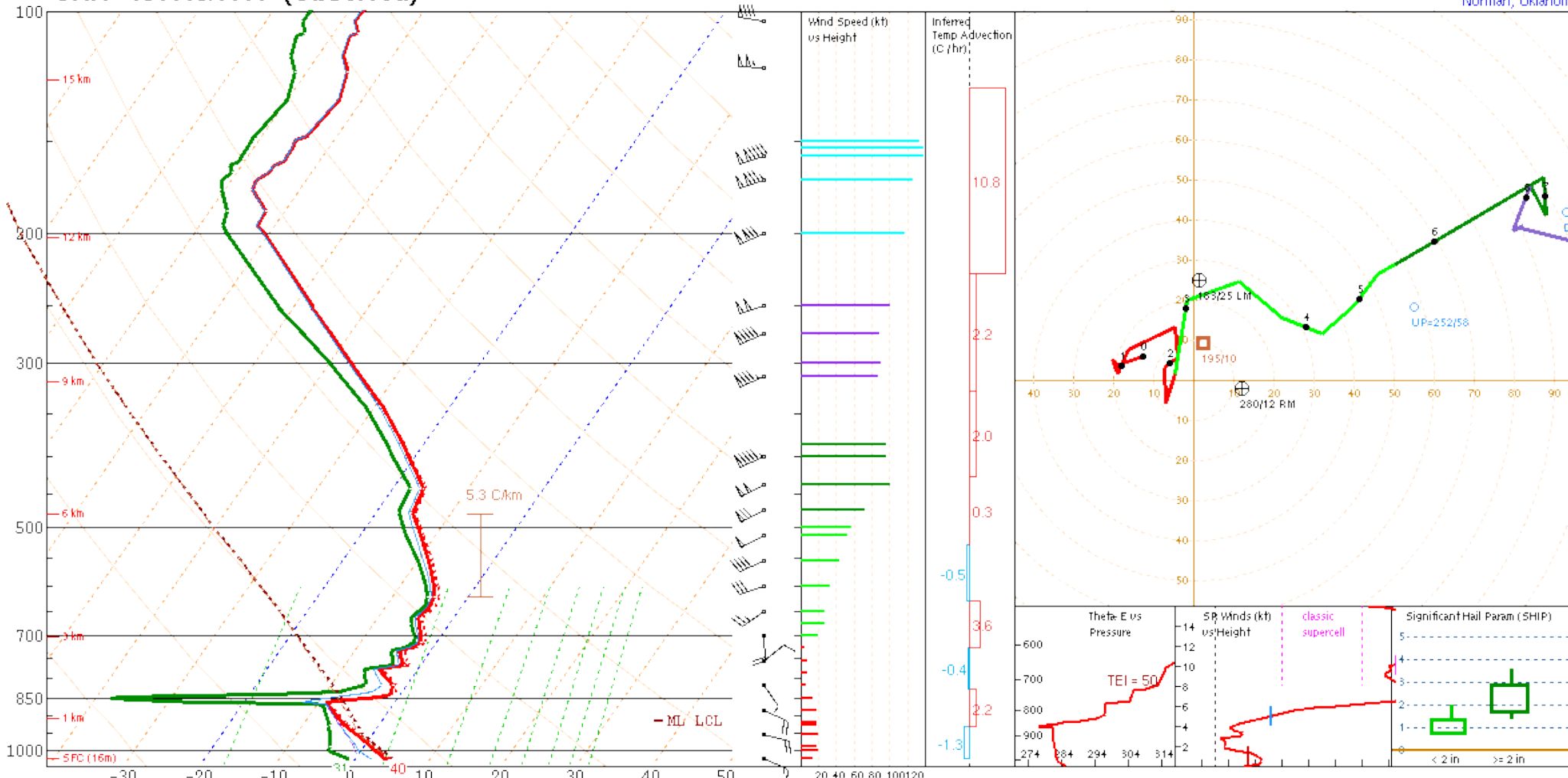
SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

Effective-Layer STP (with CIN)



CHH 181116/0000 (Observed)

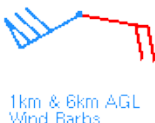
NOAA/NWS Storm Prediction Center
Norman, Oklahoma



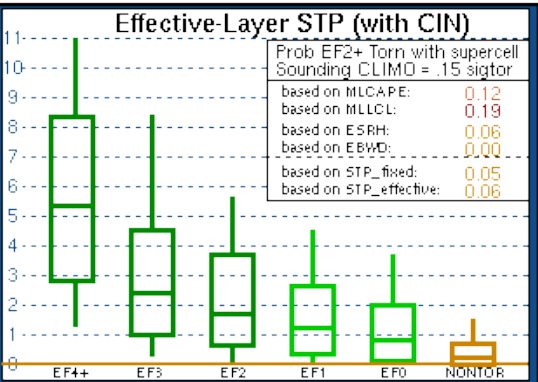
PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	45	0	616m	27	616m	4722'
MIXED LAYER	7	-1	917m	29	917m	4692'
FCST SURFACE	18	0	1140m	27	1140m	4722'
MU (1027 mb)	45	0	616m	27	616m	4722'
PW = 0.75 in 3CAPE = 7 J/kg WBZ = 650' WNDG = 0.0 K = -29 DCAPE = 66 J/kg FZL = 1358' ESP = 0.0 MidRH = 52% DownT = 33 F ConvT = M MMP = 0.54 LowRH = 76% MeanW = 2.9 g/kg MaxT = 43F NCAPE = 0.00 SigSevere = 270 m3/s3						
Sfc-3km Agl Lapse Rate = 2.3 C/km 3-6km Agl Lapse Rate = 4.2 C/km 850-500mb Lapse Rate = 2.2 C/km 700-500mb Lapse Rate = 4.0 C/km						

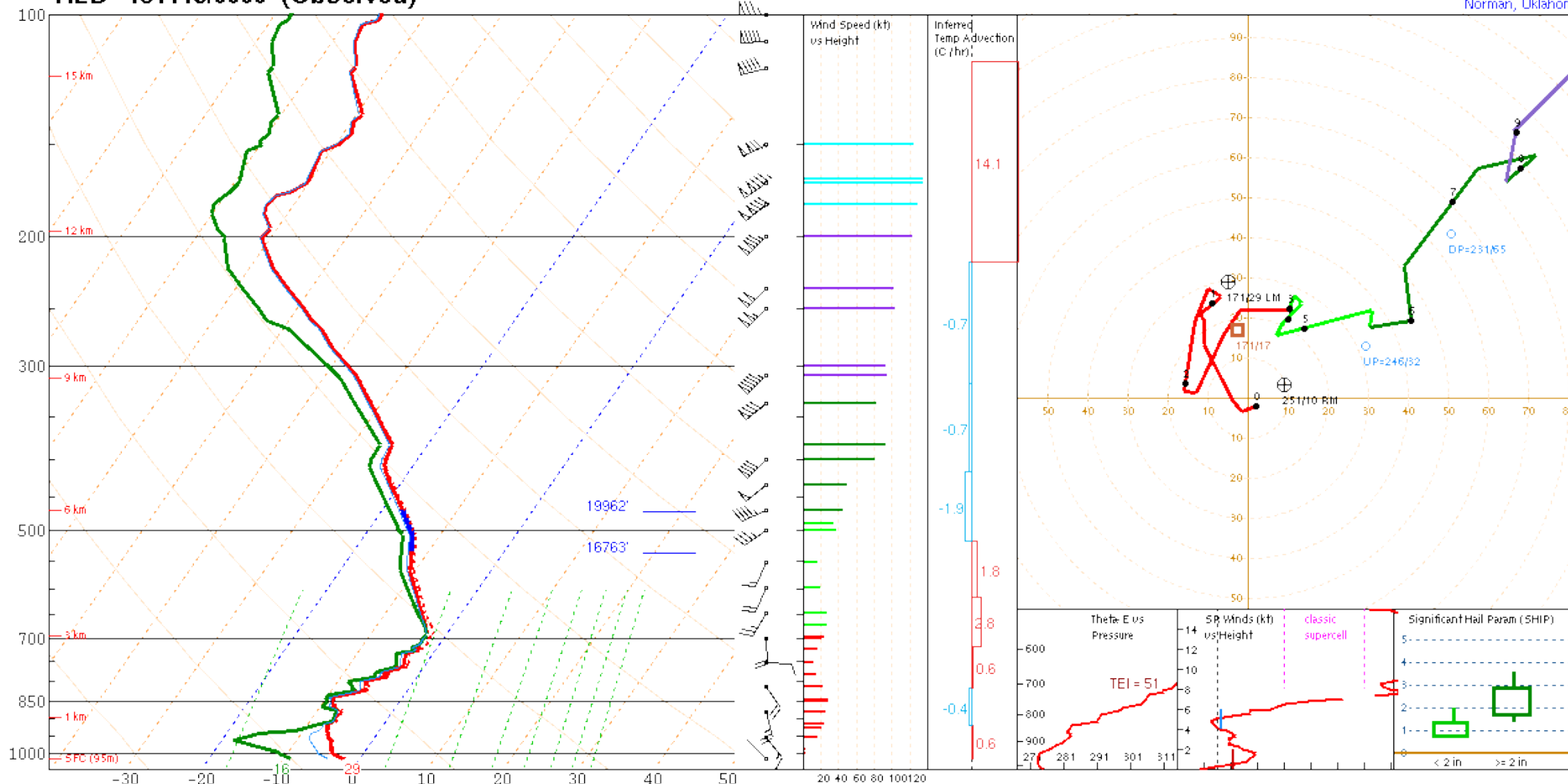
Supercell = 0.0
Left Supercell = 0.0
STP (eff layer) = 0.0
STP (fix layer) = 0.0
Sig Hail = 0.0

SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	-28	6	102/19
SFC - 3 km	95	16	113/13
SFC - 6 km		78	190/10
SFC - 8 km		104	216/16
LCL - EL (Cloud Layer)		15	109/17
BRN Shear = 54 m/s² 4-6km SR Wind = 232/36 ktStorm Motion Vectors..... Bunkers Right = 280/12 kt Bunkers Left = 183/25 kt Corfidi Downshear = 246/102 kt Corfidi Upshear = 252/58 kt			



*** BEST GUESS PRECIP TYPE ***	
Rain.	
Based on sfc temperature of 40.3 F.	
SARS - Sounding Analogs	
SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches





PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	863m	34	M	2830'
MIXED LAYER	0	0	1339m	34	M	4393'
FCST SURFACE	0	0	1812m	31	M	5943'
MU (597 mb)	0	0	4291m	4	M	14073'

PW = 0.66 in	3CAPE = 0 J/kg	WBZ = M	WNDG = 0.0
K = -4	DCAPE = -82 J/kg	FZL = M	ESP = 0.0
MidRH = 94%	DownT = 33 F	ConvT = M	MMP = 0.38
LowRH = 68%	MeanW = 1.5 g/kg	MaxT = 37F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Supercell = 0.0
Left Supercell = 0.0
STP (eff layer) = 0.0
STP (fix layer) = 0.0
Sig Hail = -0.0

Sfc-3km Agl Lapse Rate = 0.2 C/km
3-6km Agl Lapse Rate = 4.9 C/km
850-500mb Lapse Rate = 1.3 C/km
700-500mb Lapse Rate = 4.4 C/km

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	135	28	144/12	112/18
SFC - 3 km	145	26	149/16	118/21
SFC - 6 km		44	179/15	141/15
SFC - 8 km		89	195/19	157/15

BRN Shear = 24 m/s²
 4-6km SR Wind = 208/17 kt

.....Storm Motion Vectors.....
 Bunkers Right = 251/10 kt
 Bunkers Left = 171/29 kt
 Corfidi Downshear = 231/65 kt
 Corfidi Upshear = 246/32 kt



*** BEST GUESS PRECIP TYPE ***

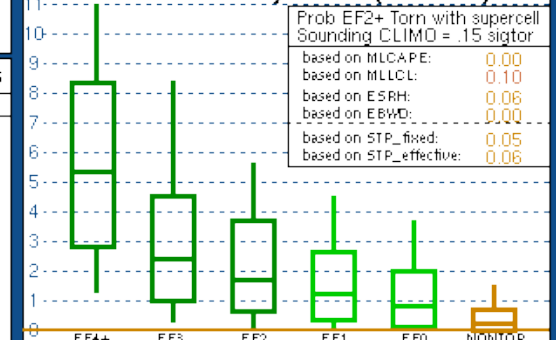
Snow.

Based on sfc temperature of 28.6 F.

SARS - Sounding Analogs

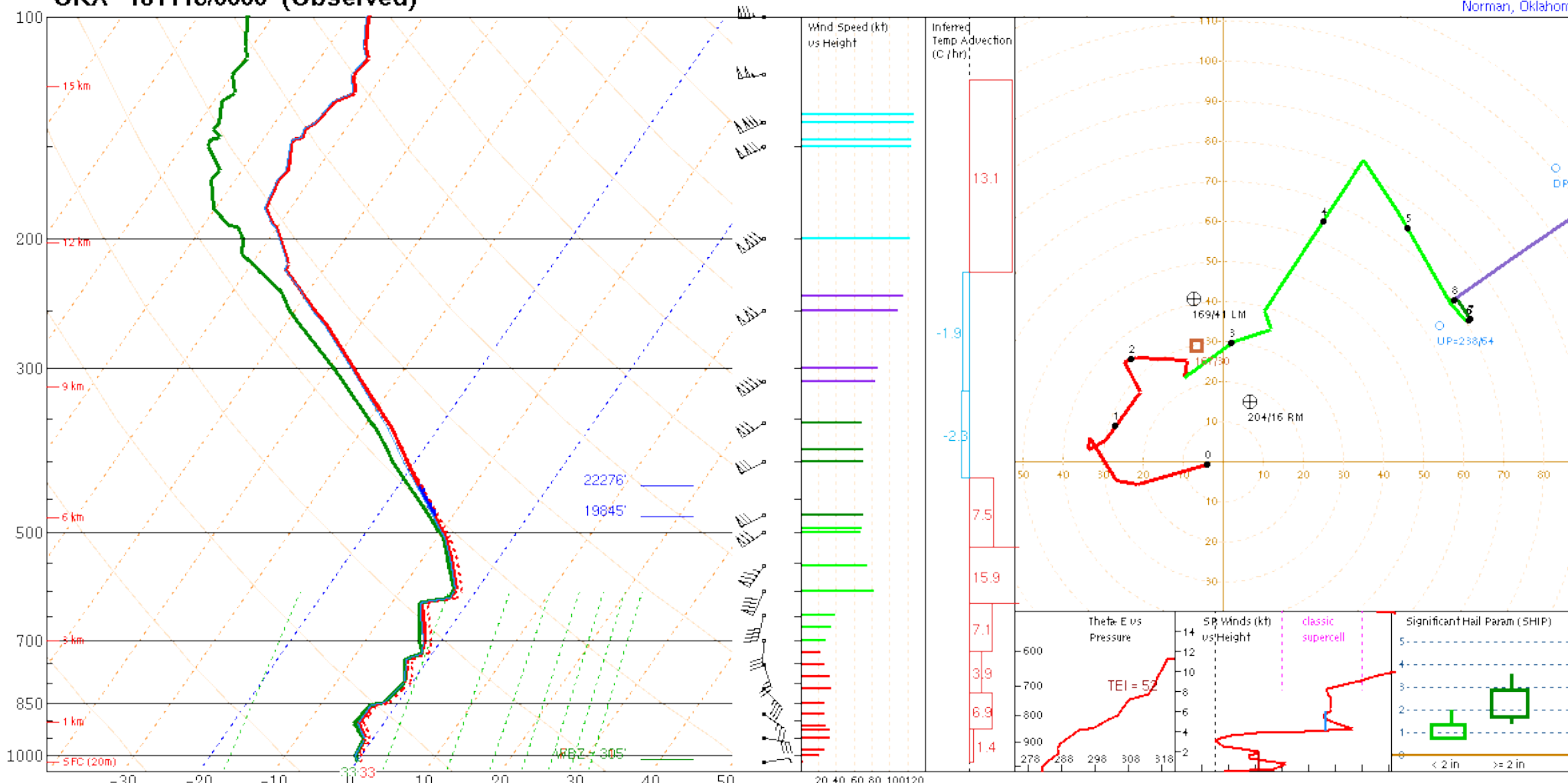
SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

Effective-Layer STP (with CIN)



OKX 181116/0000 (Observed)

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	0m	34	M	126'
MIXED LAYER	0	0	498m	31	M	1633'
FCST SURFACE	2	0	1024m	28	1024m	3932'
MU (621 mb)	0	0	4009m	8	M	13148'

PW = 0.97 in	3CAPE = 0 J/kg	WBZ = 239'	WNDG = 0.0
K = 5	DCAPE = -135 J/kg	FZL = 249'	ESP = 0.0
MidRH = 98%	DownT = 42 F	ConvT = M	MMP = 0.76
LowRH = 97%	MeanW = 3.7 g/kg	MaxT = 47F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate = 0.8 C/km	Supercell = 0.0
3-6km Agl Lapse Rate = 3.3 C/km	Left Supercell = 0.0
850-500mb Lapse Rate = 1.8 C/km	STP (eff layer) = 0.0
700-500mb Lapse Rate = 2.9 C/km	STP (fix layer) = 0.0
	Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	231	25	92/26	66/36
SFC - 3 km	434	31	122/24	85/27
SFC - 6 km		75	172/24	125/15
SFC - 8 km		74	186/25	151/11

BRN Shear = 136 m2/s2	
4-6km SR Wind = 221/57 kt	

.....Storm Motion Vectors.....

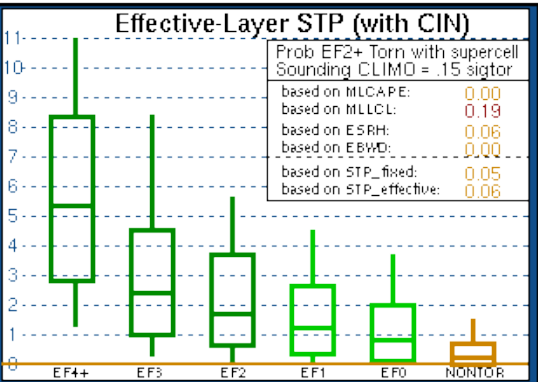
Bunkers Right =	204/16 kt
Bunkers Left =	169/41 kt

Corfidi Downshear =	229/111 kt
Corfidi Upshear =	238/64 kt

1km & 6km AGL Wind Barbs

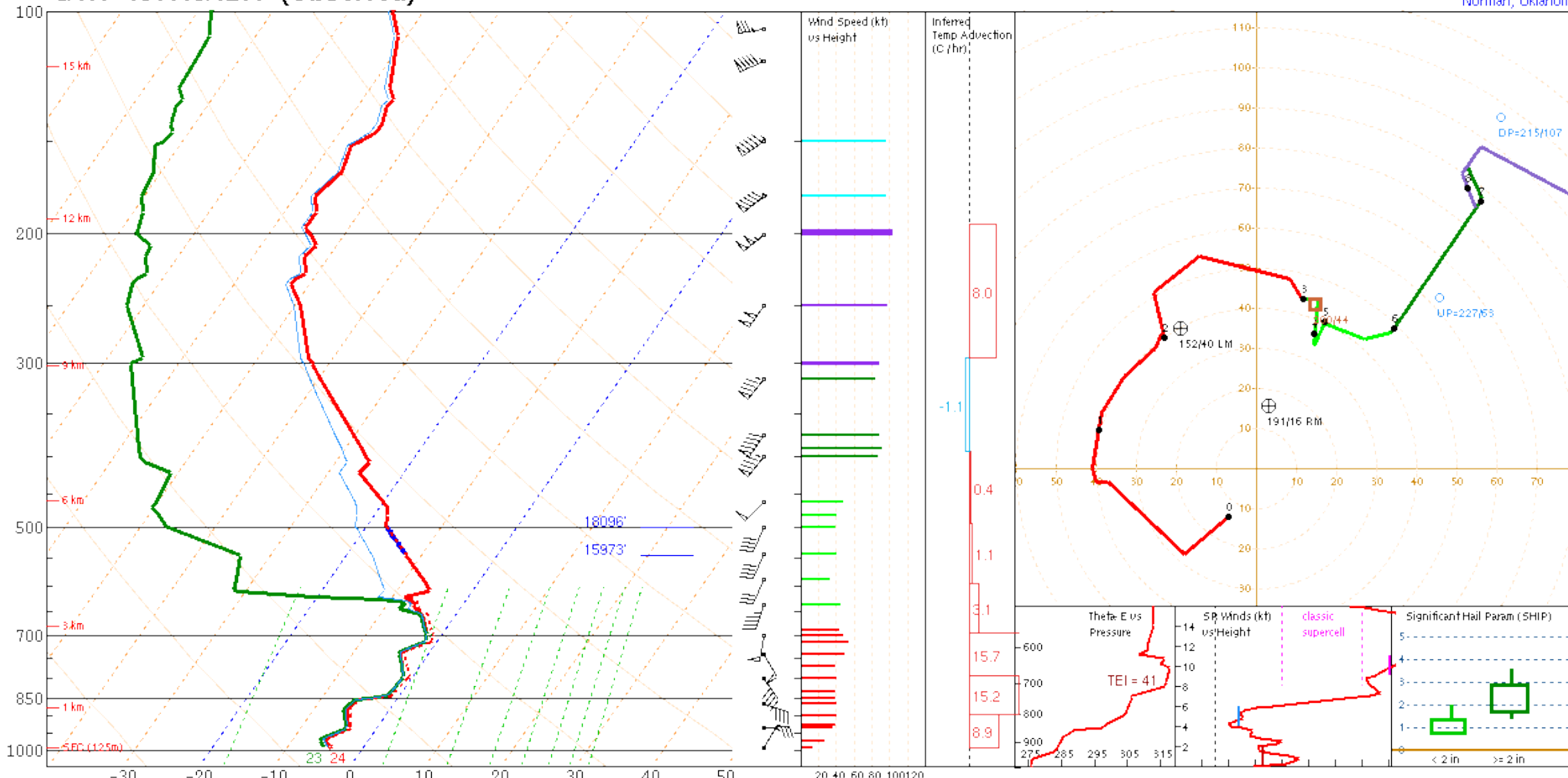
*** BEST GUESS PRECIP TYPE ***	
Rain.	
Based on sfc temperature of 32.7 F.	

SARS - Sounding Analogs	
SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches



GYX 181116/1200 (Observed)

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	87m	30	M	284'
MIXED LAYER	0	0	446m	27	M	1484'
FCST SURFACE	0	0	1160m	22	M	3806'
MU (856 mb)	9	0	3302m	1	3302m	12489'

PW = 0.58 in	3CAPE = 0 J/kg	WBZ = 0'	WNDG = 0.0
K = 10	DCAPE = -392 J/kg	FZL = 0'	ESP = 0.0
MidRH = 99%	DownT = 46 F	ConvT = M	MMP = 0.90
LowRH = 97%	MeanW = 2.8 g/kg	MaxT = 42F	NCAPE = 0.02
SigSevere = 0 m3/s3			

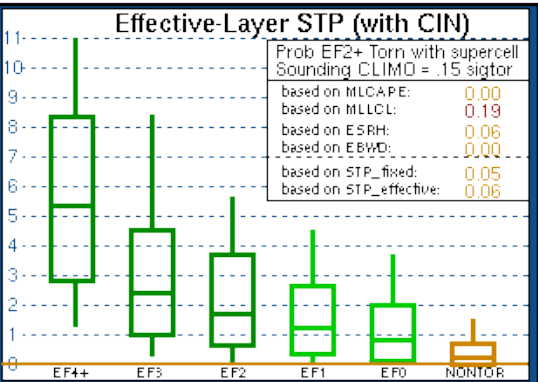
Sfc-3km Agl Lapse Rate = -0.5 C/km	Supercell = 0.0
3-6km Agl Lapse Rate = 5.8 C/km	Left Supercell = 0.0
850-500mb Lapse Rate = 3.2 C/km	STP (eff layer) = 0.0
700-500mb Lapse Rate = 5.8 C/km	STP (fix layer) = 0.0
	Sig Hail = 0.0

SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	508	39	77/31
SFC - 3 km	1214	58	125/29
SFC - 6 km		63	155/25
SFC - 8 km		102	171/27

BRN Shear = 190 m2/s2	
4-6km SR Wind = 219/24 kt	
.....Storm Motion Vectors.....	
Bunkers Right = 191/16 kt	
Bunkers Left = 152/40 kt	
Corfidi Downshear = 215/107 kt	
Corfidi Upshear = 227/63 kt	

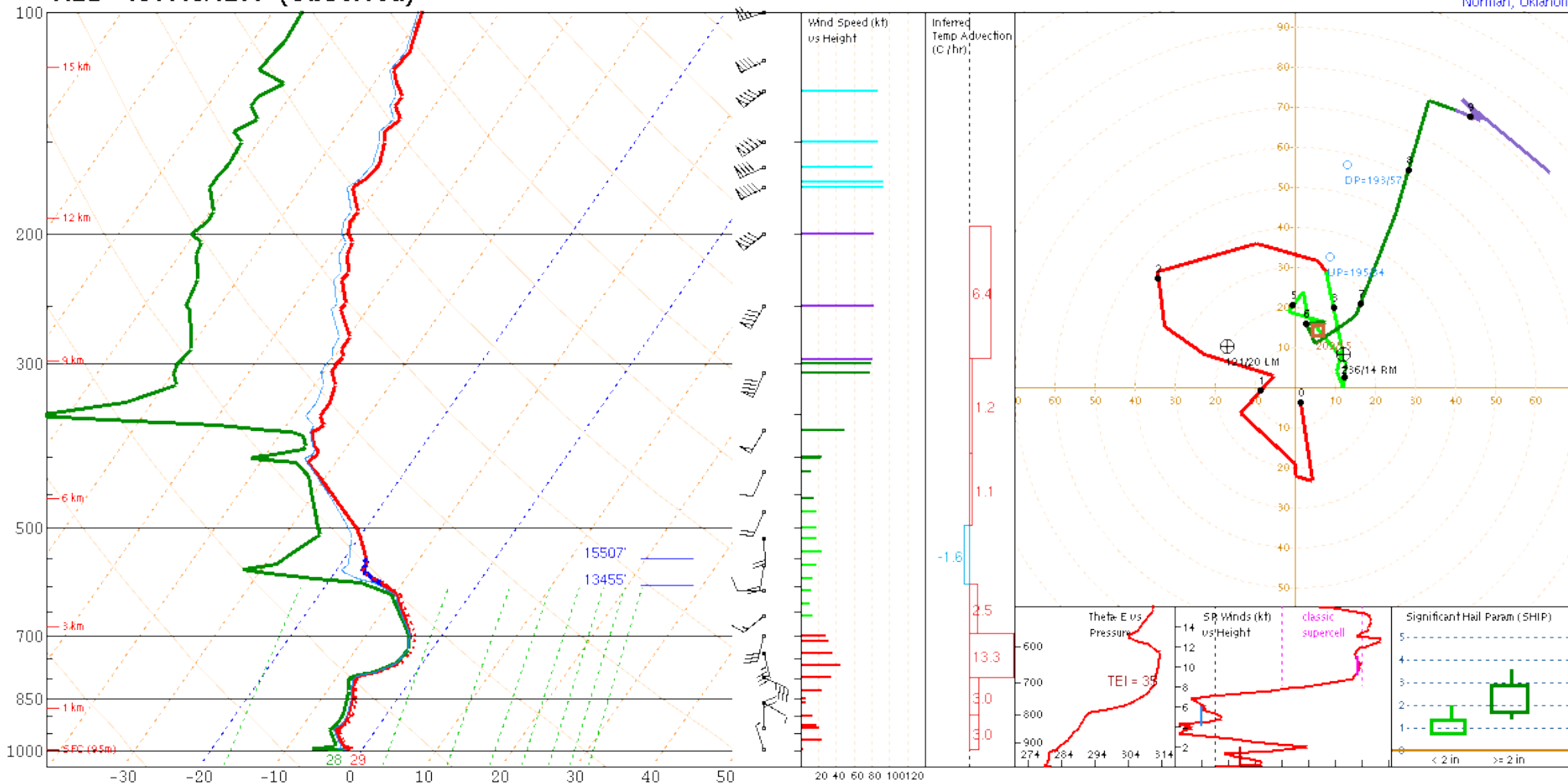
1km & 6km AGL Wind Barbs

*** BEST GUESS PRECIP TYPE ***	
Sleet and Snow.	
Based on sfc temperature of 24.3 F.	
SARS - Sounding Analogs	
SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches



ALB 181116/1200 (Observed)

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	3	0	99m	23	99m	1551'
MIXED LAYER	0	0	538m	22	M	1764'
FCST SURFACE	0	0	1209m	18	M	3965'
MU (615 mb)	84	0	3865m	-0	3865m	22663'
PW = 0.57 in	3CAPE = 0 J/kg	WBZ = 0'	WNDG = 0.0			
K = 9	DCAPE = -130 J/kg	FZL = 0'	ESP = 0.0			
MidRH = 97%	DownT = 37 F	ConvT = M	MMP = 0.33			
LowRH = 92%	MeanW = 2.8 g/kg	MaxT = 42F	NCAPE = 0.03			
SigSevere = 0 m3/s3						
Sfc-3km Agl Lapse Rate = 1.2 C/km						
3-6km Agl Lapse Rate = 7.2 C/km						
850-500mb Lapse Rate = 3.8 C/km						
700-500mb Lapse Rate = 6.7 C/km						

Supercell = 0.0

Left Supercell = 0.0

STP (eff layer) = 0.0

STP (fix layer) = 0.0

Sig Hail = 0.0

Supercell = 0.0
Left Supercell = 0.0
STP (eff layer) = 0.0
STP (fix layer) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	140	10	8/15	31/27
SFC - 3 km	738	25	119/10	79/22
SFC - 6 km		20	152/8	86/16
SFC - 8 km		64	189/10	91/15
LCL - EL (Cloud Layer)		9	353/22	17/31
BRN Shear = 92 m/s²				
4-6km SR Wind = 137/10 kt				
.....Storm Motion Vectors.....				
Bunkers Right = 236/14 kt				
Bunkers Left = 121/20 kt				
Corfidi Downshear = 193/57 kt				
Corfidi Upshear = 195/34 kt				



*** BEST GUESS PRECIP TYPE ***

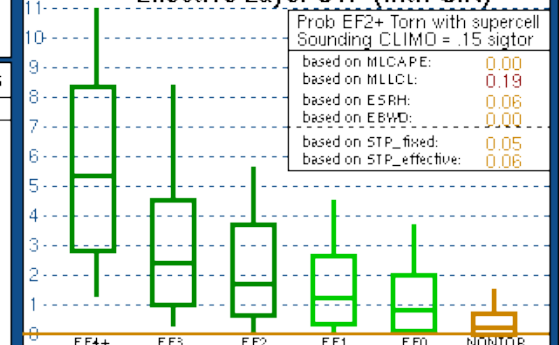
Sleet and Snow.

Based on sfc temperature of 29.3 F.

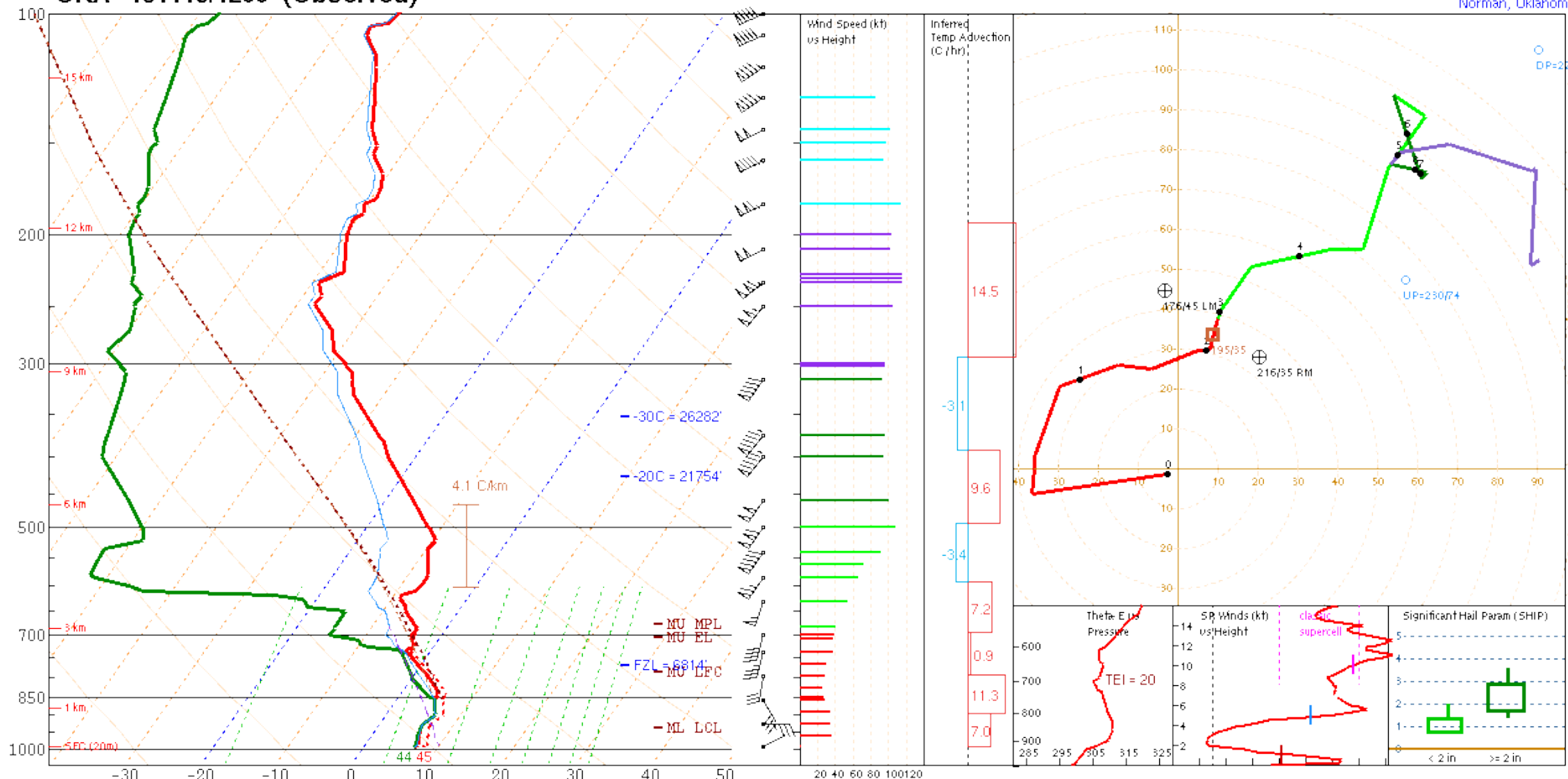
SARS - Sounding Analogs

SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

Effective-Layer STP (with CIN)



OKX 181116/1200 (Observed)



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	13m	19	M	41'
MIXED LAYER	1	0	469m	15	469m	1899'
FCST SURFACE	14	-12	1224m	11	1962m	9114'
MU (855 mb)	16	-11	1225m	11	1910m	9114'

PW = 0.70 in	3CAPE = 1 J/kg	WBZ = 6491'	WNDG = 0.0
K = 10	DCAPE = 104 J/kg	FZL = 6814'	ESP = 0.0
MidRH = 66%	DownT = 51 F	ConvT = 52F	MMP = 0.96
LowRH = 99%	MeanW = 6.5 g/kg	MaxT = 63F	NCAPE = 0.02
SigSevere = 35 m3/s3			

Sfc-3km Agl Lapse Rate = 3.6 C/km	Supercell = 0.0
3-6km Agl Lapse Rate = 3.9 C/km	Left Supercell = 0.0
850-500mb Lapse Rate = 4.0 C/km	STP (eff layer) = 0.0
700-500mb Lapse Rate = 3.0 C/km	STP (fix layer) = 0.0
	Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	608	32	97/29	63/55
SFC - 3 km	680	43	150/22	74/33
SFC - 6 km		105	188/33	100/18
SFC - 8 km		98	196/38	130/13

BRN Shear = 304 m/s²
4-6km SR Wind = 213/52 kt
.....Storm Motion Vectors.....
Bunkers Right = 216/35 kt
Bunkers Left = 176/45 kt
Corfidi Downshear = 221/139 kt
Corfidi Upshear = 230/74 kt

1km & 6km AGL Wind Barbs

*** BEST GUESS PRECIP TYPE ***	
Rain.	
Based on sfc temperature of 44.6 F.	
SARS - Sounding Analogs	
SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

