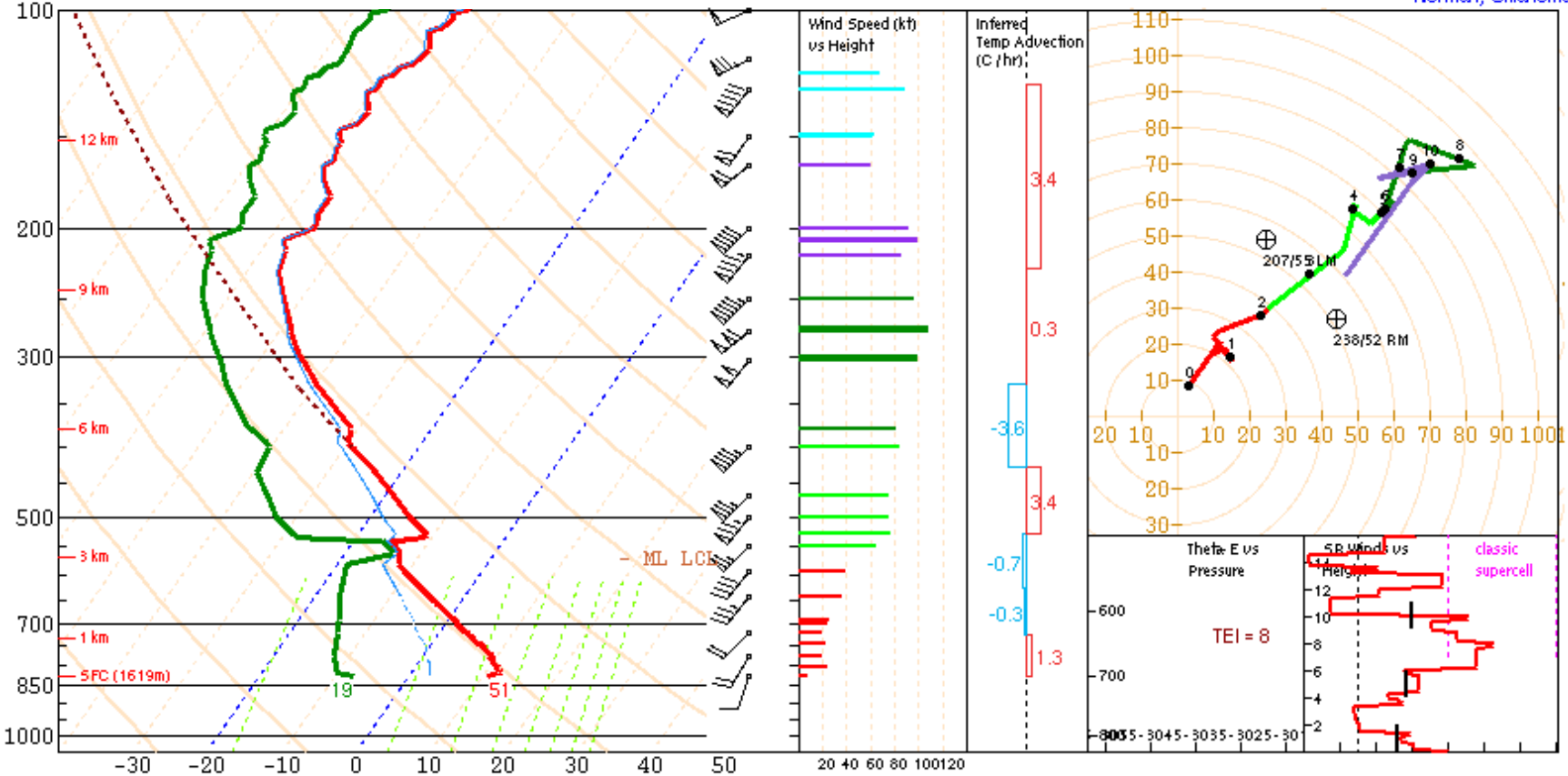
ABQ 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	2233m	9	M	7324'
MIXED LAYER	0	0	2964m	8	M	9720'
FCST SURFACE	0	0	3320m	6	M	10890'
MU (400 mb)	0	0	6936m	3	M	22748'

PW = 0.24 .in	3CAPE = 30 J/kg	WBZ = 2209'	WNDG = 0.0
K = M	DCAPE = 483 J/kg	FZL = 5130'	ESP = 0.0
MidRH = 42%	DownT = 39 F	ConvT = 78F	MMP = 0.99
LowRH = 24%	MeanW = 2.1 g/kg	MaxT = 63F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	7.7 C/km
3-6km Agl Lapse Rate =	6.3 C/km
850-500mb Lapse Rate =	M
700-500mb Lapse Rate =	6.3 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	33	13	214/21	73/33
SFC - 3 km	250	57	218/31	84/25
SFC - 6 km		73	221/45	117/16

BRN Shear = 84 m²/s²
4-6km SR Wind = 204/33 kt

.....Storm Motion Vectors.....
Bunkers Right = 238/52 kt
Bunkers Left = 207/55 kt

Corfidi Downshear = 45/1255 kt
Corfidi Upshear = 45/638 kt

1km & 6km AGL Wind Barbs

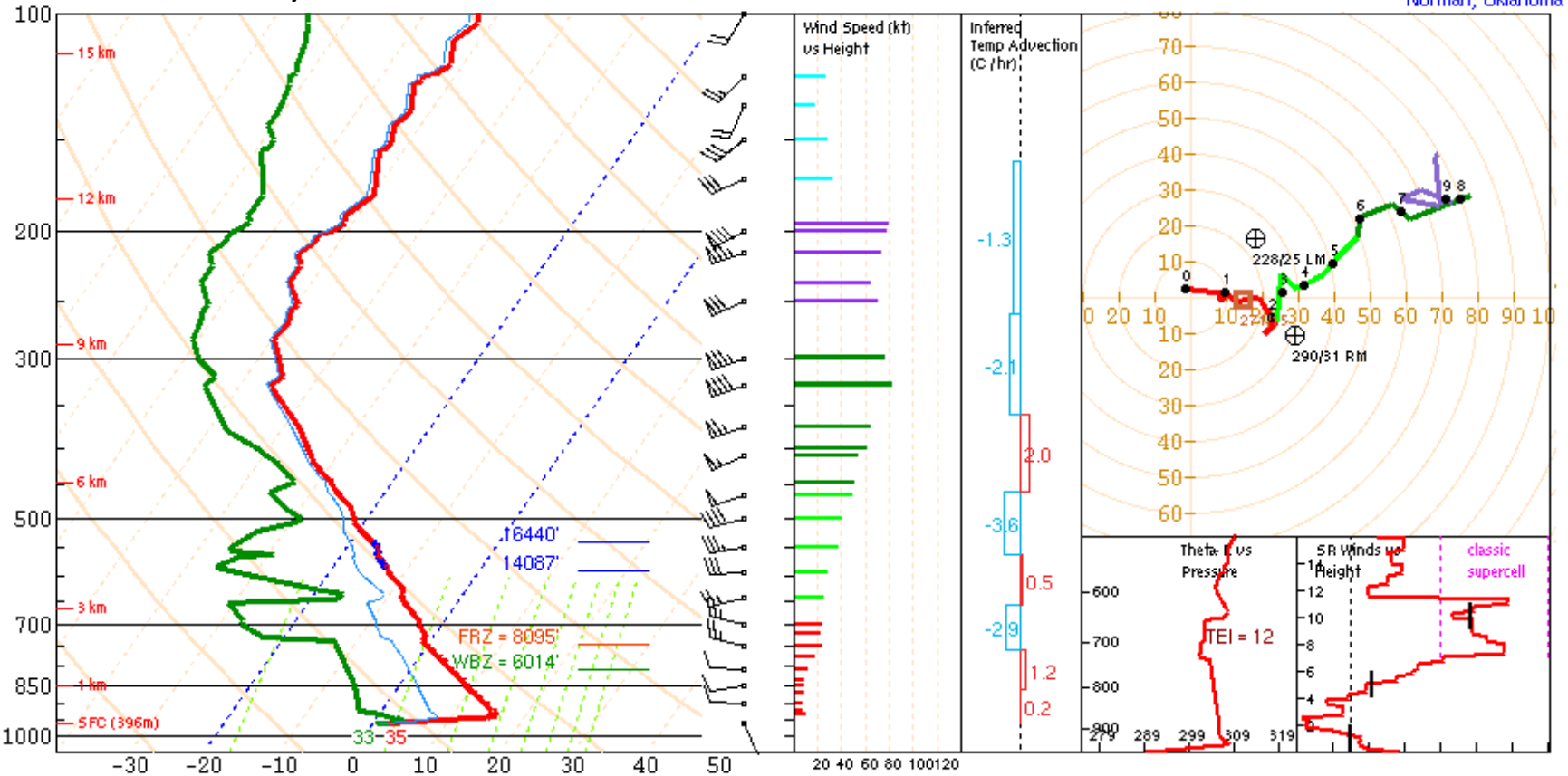
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 51.4 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

ABR 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	117m	15	M	385'
MIXED LAYER	0	0	1850m	5	M	6067'
FCST SURFACE	0	0	2558m	0	M	8390'
MU (943 mb)	0	0	1777m	2	M	5828'

PW = 0.35 .in	3CAPE = 0 J/kg	WBZ = 4715'	WNDG = 0.0
K = 1	DCAPE = 585 J/kg	FZL = 6797'	ESP = 0.0
MidRH = 28%	DownT = 44 F	ConvT = 73F	MMP = 0.91
LowRH = 41%	MeanW = 4.1 g/kg	MaxT = 70F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	2.7 C/km
3-6km Agl Lapse Rate =	7.5 C/km
850-500mb Lapse Rate =	7.6 C/km
700-500mb Lapse Rate =	7.3 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	28	11	265/9	120/23
SFC - 3 km	57	27	273/14	124/18
SFC - 6 km		52	264/21	147/15

BRN Shear = 19 m²/s²
4-6km SR Wind = 209/26 kt

.....Storm Motion Vectors.....
Bunkers Right = 290/31 kt
Bunkers Left = 228/25 kt

Corfidi Downshear = 254/71 kt
Corfidi Upshear = 252/31 kt

1km & 6km AGL
Wind Barbs

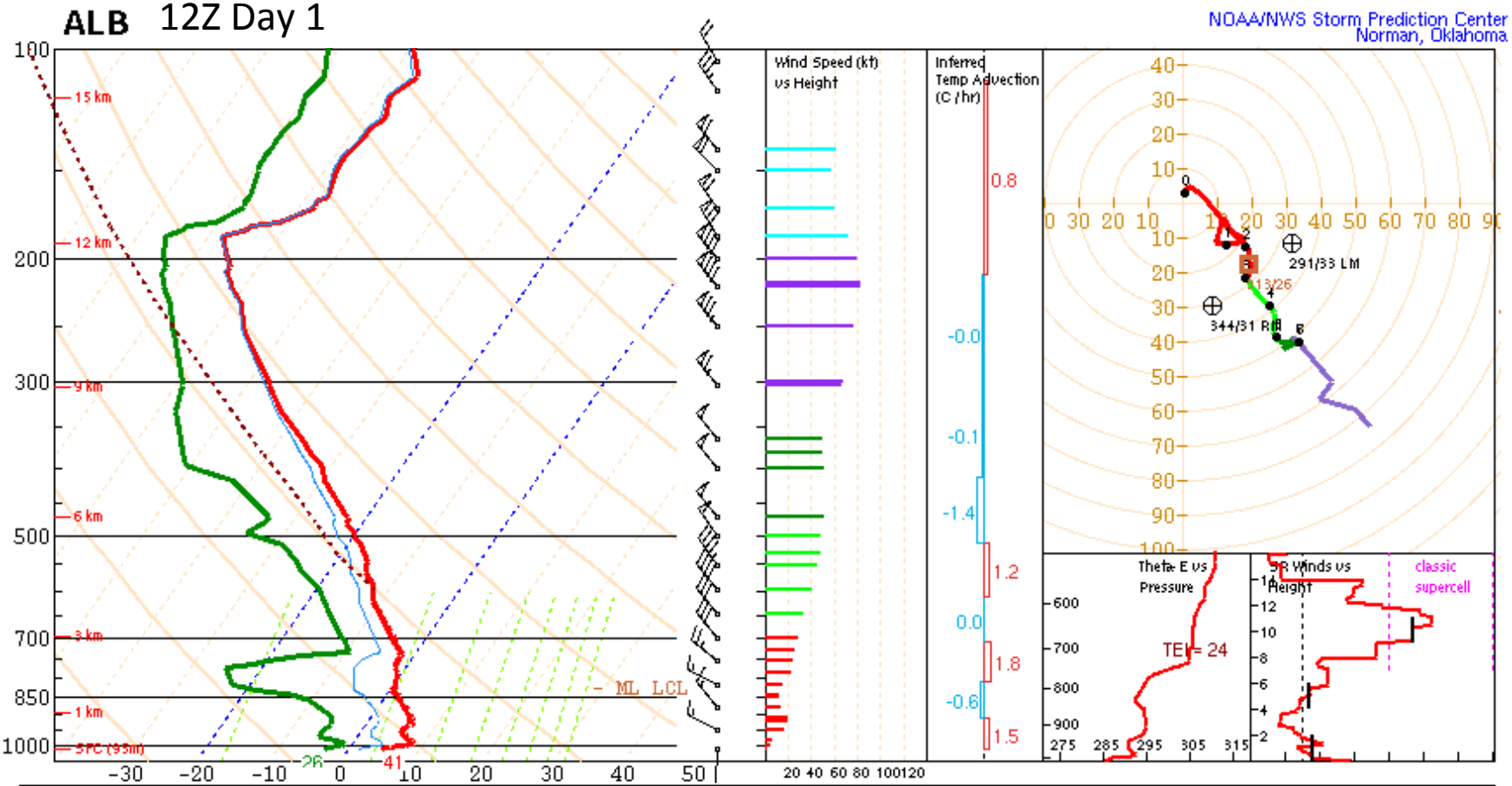
* * * BEST GUESS PRECIP TYPE * * *
Snow.
Based on sfc temperature of 34.9 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

ALB 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	1016m	20	M	3332'
MIXED LAYER	0	0	1649m	15	M	5407'
FCST SURFACE	0	0	2331m	11	M	7646'
MU (599 mb)	0	0	5110m	4	M	16761'

PW = 0.38 .in	3CAPE = 0 J/kg	WBZ = 3480'	WNDG = 0.0
K = 3	DCAPE = 165 J/kg	FZL = 6263'	ESP = 0.0
MidRH = 31%	DownT = 43 F	ConvT = 84F	MMP = 0.76
LowRH = 47%	MeanW = 3.1 g/kg	MaxT = 61F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	3.2 C/km
3-6km Agl Lapse Rate =	6.1 C/km
850-500mb Lapse Rate =	5.4 C/km
700-500mb Lapse Rate =	6.1 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	101	17	300/13	188/23
SFC - 3 km	203	35	306/18	198/20
SFC - 6 km		54	314/25	220/15

BRN Shear = 38 m²/s²
4-6km SR Wind = 293/22 kt

.....Storm Motion Vectors.....
Bunkers Right = 344/31 kt
Bunkers Left = 291/33 kt

Corfidi Downshear = 323/71 kt
Corfidi Upshear = 329/29 kt

1km & 6km AGL
Wind Barbs

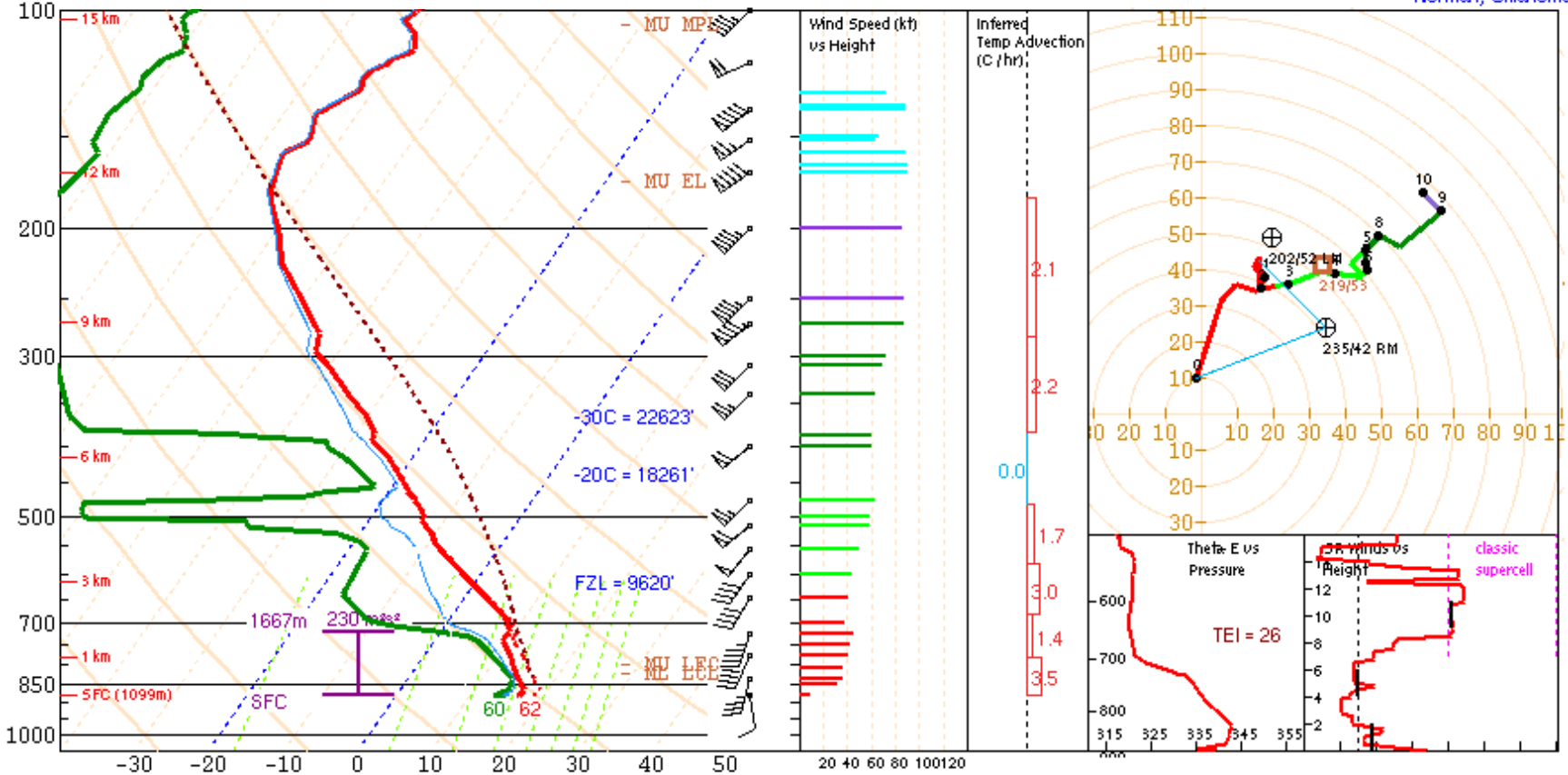
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 40.6 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

AMA 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	1800	-64	162m	-6	2197m	36833'
MIXED LAYER	2040	-21	584m	-7	2077m	37488'
FCST SURFACE	3255	0	1187m	-9	1187m	39380'
MU (831 mb)	2496	-2	613m	-8	835m	38728'

PW = 0.86 in	3CAPE = 85 J/kg	WBZ = 6557'	WNDG = 0.0
K = 27	DCAPE = 875 J/kg	FZL = 9620'	ESP = 0.0
MidRH = 39%	DownT = 50 F	ConvT = 69F	MMP = 0.99
LowRH = 86%	MeanW = 11.8 g/kg	MaxT = 75F	NCAPE = 0.22
SigSevere = 58461 m3/s3			

Sfc-3km AgI Lapse Rate =	6.4 C/km
3-6km AgI Lapse Rate =	7.6 C/km
850-500mb Lapse Rate =	7.2 C/km
700-500mb Lapse Rate =	8.2 C/km

Supercell = 11.5
Left Supercell = 0.7
Sig Tor (CIN) = 2.9
Sig Tor (fixed) = 2.8
Sig Hail = 2.1

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	254	34	199/35	112/25
SFC - 3 km	264	38	203/38	120/22
Eff Inflow Layer	230	30	199/37	118/25
SFC - 6 km		56	214/43	138/16
Lower Half Storm Depth		56	212/42	134/17
Cloud Bearing Layer		62	219/52	175/17

BRN Shear = 39 m²/s²
4-6km SR Wind = 214/20 kt

.....Storm Motion Vectors.....
Bunkers Right = 235/42 kt
Bunkers Left = 202/52 kt

Corfidi Downshear = 230/68 kt
Corfidi Upshear = 258/20 kt

1km & 6km AGL Wind Barbs

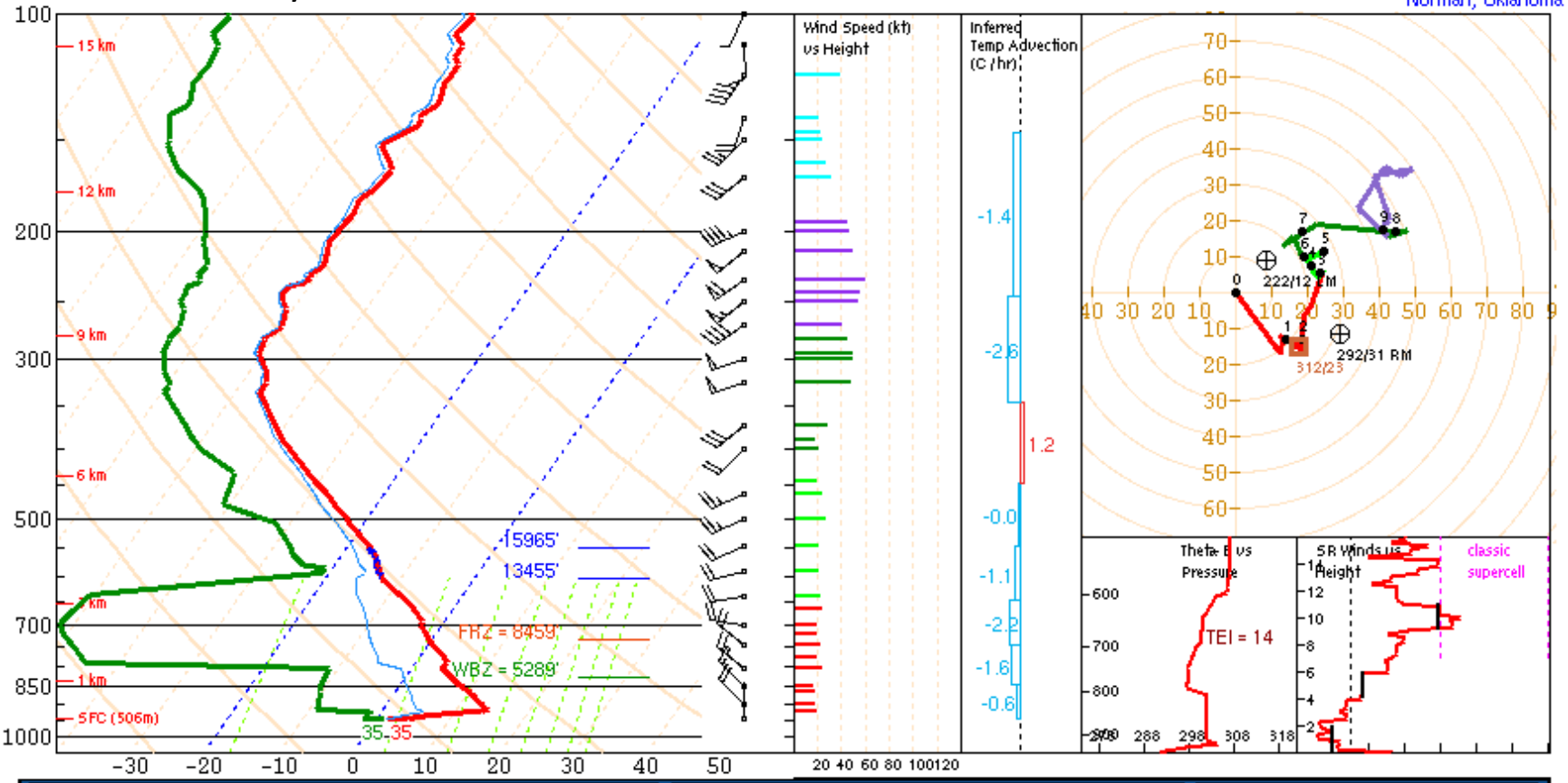
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 61.9 F.

SARS - Sounding Analogs

SUPERCELL		SGFNT HAIL	
03051100.UIN	SIG	91081400.GTF	4.50
87111600.GGG	SIG	95082700.GGW	3.00
54050121.TIK	SIG	93042000.GGG	2.75
00081420.AIT	NON	89062600.RAP	2.75
		00070600.GGW	1.75
(12 loose matches)		(35 loose matches)	
SARS: 25% TOR		SARS: 89% SIG	

BIS 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	51m	12	M	169'
MIXED LAYER	0	0	2287m	6	M	7502'
FCST SURFACE	0	0	2963m	2	M	9719'
MU (560 mb)	0	0	5520m	2	M	18105'

PW = 0.19 .in	3CAPE = 0 J/kg	WBZ = 3630'	WNDG = 0.0
K = -28	DCAPE = 566 J/kg	FZL = 6800'	ESP = 0.0
MidRH = 2%	DownT = 40 F	ConvT = 74F	MMP = 0.56
LowRH = 31%	MeanW = 2.8 g/kg	MaxT = 67F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	3.0 C/km
3-6km Agl Lapse Rate =	8.3 C/km
850-500mb Lapse Rate =	7.6 C/km
700-500mb Lapse Rate =	7.8 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = -0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	-90	25	316/18	85/16
SFC - 3 km	-32	23	301/19	99/13
SFC - 6 km		22	280/18	127/14

BRN Shear = 19 m²/s²
4-6km SR Wind = 162/23 kt

.....Storm Motion Vectors.....
Bunkers Right = 292/31 kt
Bunkers Left = 222/12 kt

Corfidi Downshear = 235/41 kt
Corfidi Upshear = 208/21 kt

1km & 6km AGL Wind Barbs

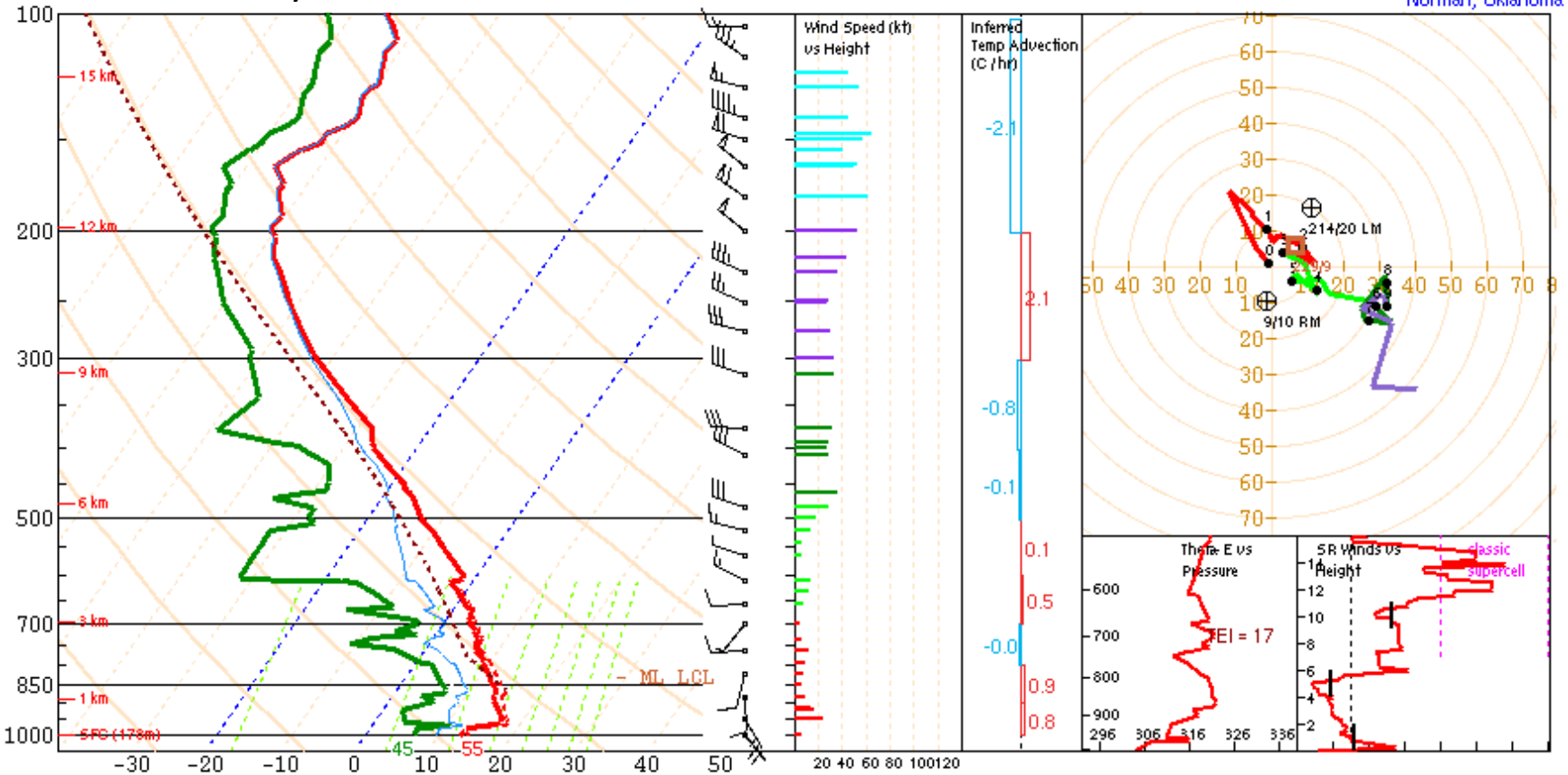
*** BEST GUESS PRECIP TYPE ***
Snow.
Based on sfc temperature of 35.2 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

BMX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	764m	14	M	2506'
MIXED LAYER	0	0	1547m	9	M	5072'
FCST SURFACE	0	0	2310m	5	M	7577'
MU (866 mb)	0	0	2112m	3	M	6928'

PW = 0.81 .in	3CAPE = 0 J/kg	WBZ = 7942'	WNDG = 0.0
K = 24	DCAPE = 349 J/kg	FZL = 12077'	ESP = 0.0
MidRH = 47%	DownT = 57 F	ConvT = 98F	MMP = 0.13
LowRH = 55%	MeanW = 6.2 g/kg	MaxT = 78F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	3.1 C/km
3-6km Agl Lapse Rate =	6.5 C/km
850-500mb Lapse Rate =	6.3 C/km
700-500mb Lapse Rate =	6.6 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	32	9	156/17	167/26
SFC - 3 km	93	10	179/9	184/19
SFC - 6 km		38	219/6	200/15

BRN Shear = 55 m²/s²
4-6km SR Wind = 250/14 kt

.....Storm Motion Vectors.....
Bunkers Right = 9/10 kt
Bunkers Left = 214/20 kt

Corfidi Downshear = 300/44 kt
Corfidi Upshear = 309/28 kt

1km & 6km AGL
Wind Barbs

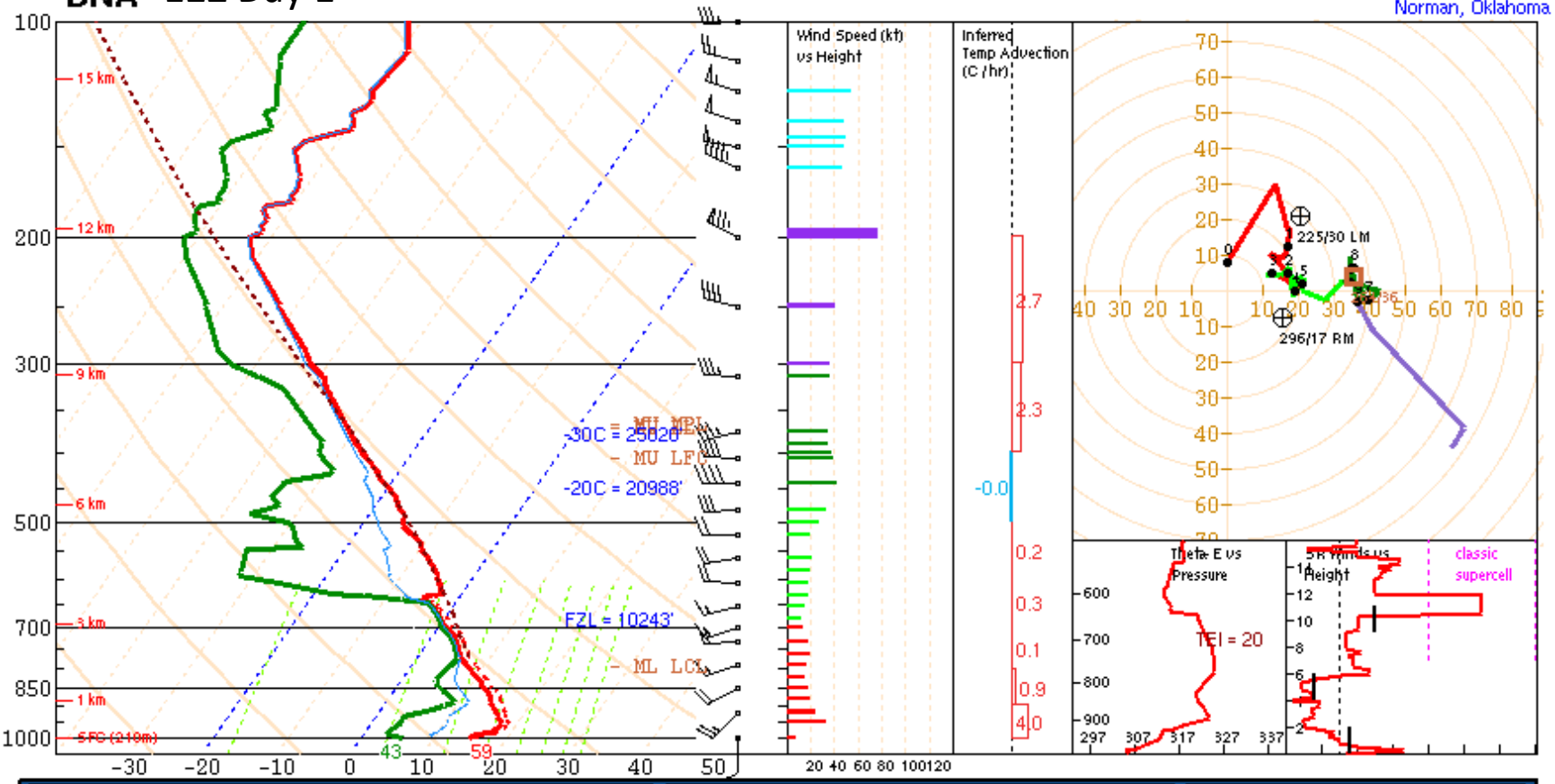
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 55.4 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

BNA 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	1126m	11	M	3693'
MIXED LAYER	0	0	1889m	7	M	6197'
FCST SURFACE	0	0	2462m	4	M	8075'
MU (773 mb)	57	-6	2157m	-1	7105m	25614'

PW = 0.99 .in	3CAPE = 0 J/kg	WBZ = 10136'	WNDG = 0.0
K = 32	DCAPE = 781 J/kg	FZL = 10243'	ESP = 0.0
MidRH = 88%	DownT = 55 F	ConvT = 88F	MMP = 0.21
LowRH = 52%	MeanW = 5.7 g/kg	MaxT = 78F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	4.7 C/km
3-6km Agl Lapse Rate =	6.3 C/km
850-500mb Lapse Rate =	6.6 C/km
700-500mb Lapse Rate =	6.4 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	177	18	216/25	179/28
SFC - 3 km	157	12	232/19	178/19
SFC - 6 km		44	245/19	185/16
Cloud Bearing Layer		18	266/23	219/12

BRN Shear = 47 m²/s²
4-6km SR Wind = 226/13 kt

.....Storm Motion Vectors.....
Bunkers Right = 296/17 kt
Bunkers Left = 225/30 kt

Corfidi Downshear = 289/37 kt
Corfidi Upshear = 325/18 kt

1km & 6km AGL
Wind Barbs

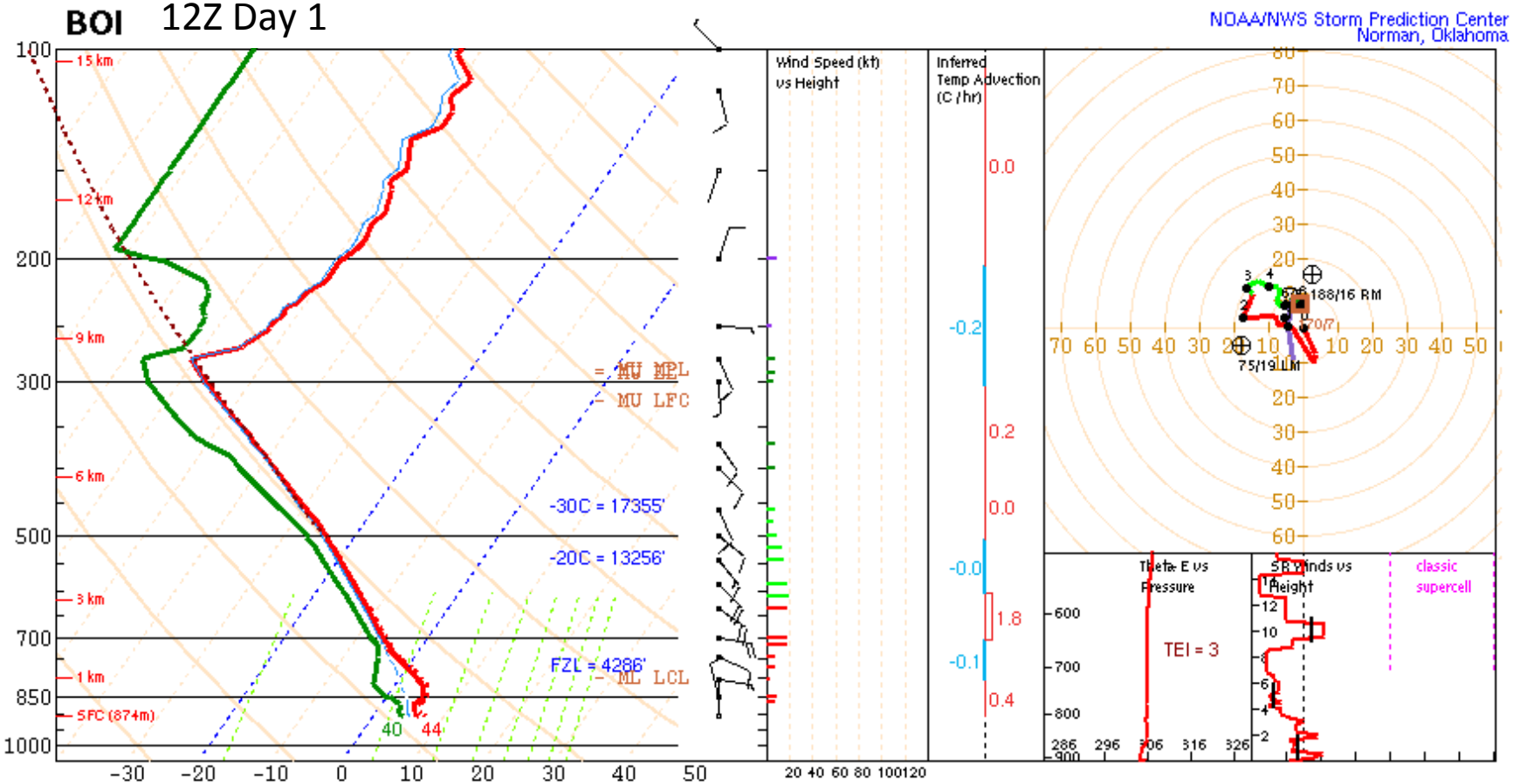
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 59.0 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

BOI 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	278m	2	M	912'
MIXED LAYER	0	0	1020m	2	M	3346'
FCST SURFACE	694	0	1595m	-2	1595m	28612'
MU (502 mb)	42	-3	4895m	1	6746m	28459'

PW = 0.51 .in	3CAPE = 0 J/kg	WBZ = 3294'	WNDG = 0.0
K = 28	DCAPE = 133 J/kg	FZL = 4286'	ESP = 0.0
MidRH = 85%	DownT = 42 F	ConvT = 55F	MMP = 0.15
LowRH = 74%	MeanW = 4.7 g/kg	MaxT = 58F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	6.7 C/km
3-6km Agl Lapse Rate =	8.0 C/km
850-500mb Lapse Rate =	7.4 C/km
700-500mb Lapse Rate =	7.3 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	47	8	7/4	8/19
SFC - 3 km	122	21	107/9	39/17
SFC - 6 km		9	119/9	41/15
Cloud Bearing Layer		6	152/7	33/11

BRN Shear = 34 m²/s²
4-6km SR Wind = 46/11 kt

.....Storm Motion Vectors.....
Bunkers Right = 188/16 kt
Bunkers Left = 75/19 kt

Corfidi Downshear = 138/19 kt
Corfidi Upshear = 148/10 kt

1km & 6km AGL
Wind Barbs

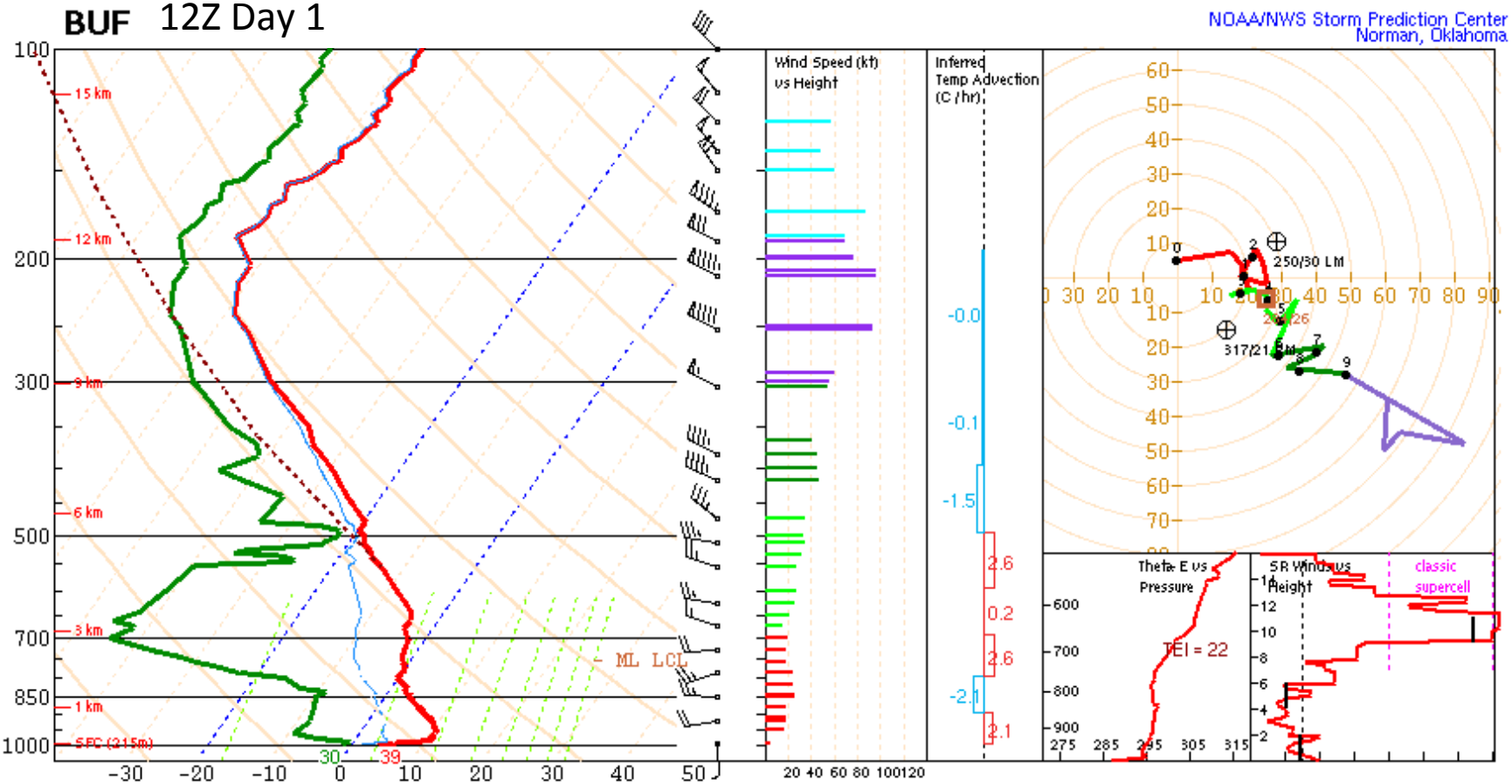
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 44.2 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

BUF 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	647m	20	M	2122'
MIXED LAYER	0	0	2228m	15	M	7308'
FCST SURFACE	0	0	2804m	11	M	9198'
MU (555 mb)	0	0	7852m	5	M	25752'

PW = 0.24 .in	3CAPE = 0 J/kg	WBZ = 3566'	WNDG = 0.0
K = -29	DCAPE = 388 J/kg	FZL = 7013'	ESP = 0.0
MidRH = 9%	DownT = 43 F	ConvT = M	MMP = 0.68
LowRH = 35%	MeanW = 2.6 g/kg	MaxT = 64F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	2.5 C/km
3-6km Agl Lapse Rate =	6.1 C/km
850-500mb Lapse Rate =	5.4 C/km
700-500mb Lapse Rate =	6.2 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	119	20	256/17	187/19
SFC - 3 km	96	19	263/19	196/18
SFC - 6 km		50	273/20	204/15

BRN Shear = 10 m²/s²
4-6km SR Wind = 261/15 kt

.....Storm Motion Vectors.....
Bunkers Right = 317/21 kt
Bunkers Left = 250/30 kt

Corfidi Downshear = 300/49 kt
Corfidi Upshear = 320/18 kt

1km & 6km AGL Wind Barbs

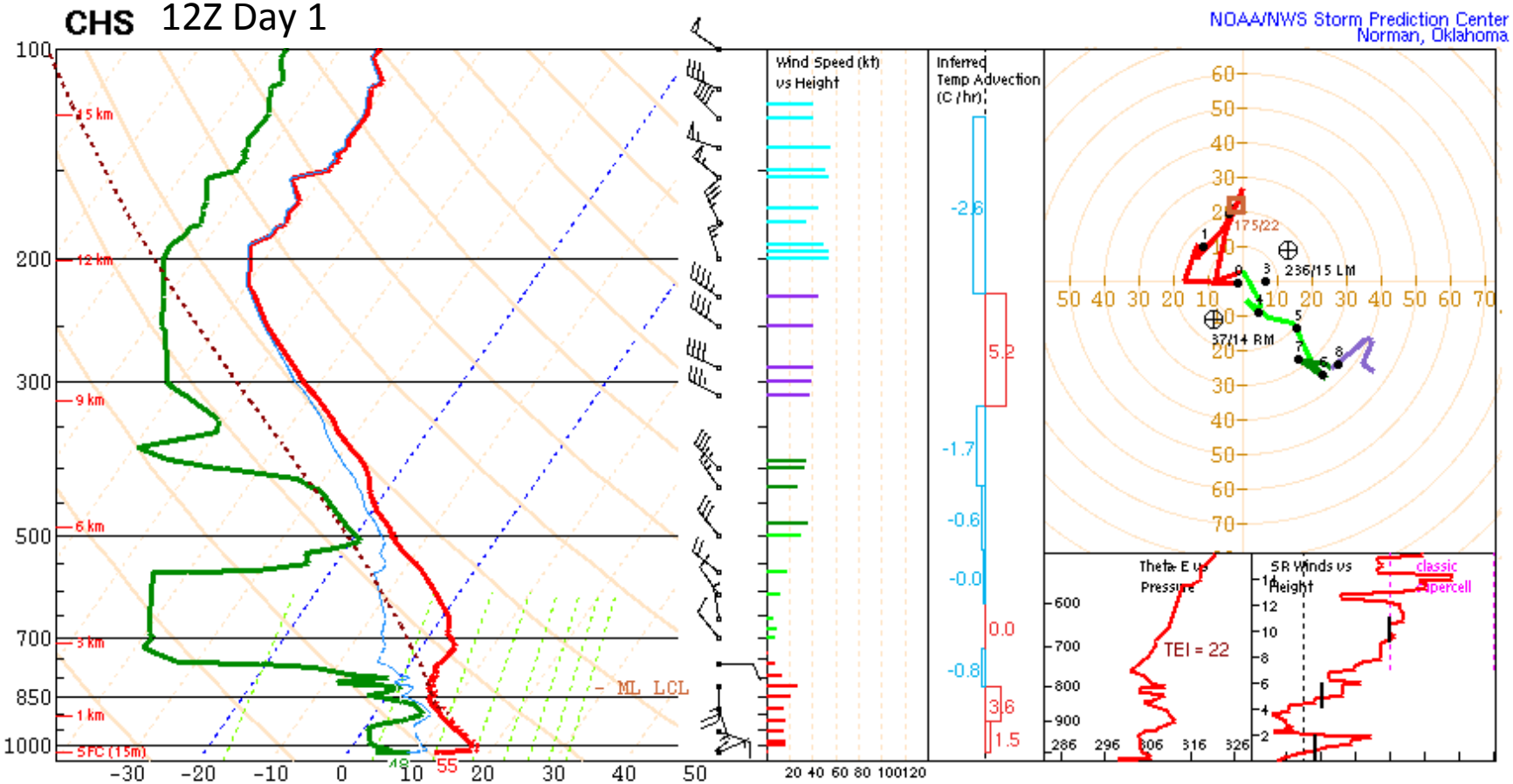
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 38.8 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

CHS 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	445m	12	M	1459'
MIXED LAYER	0	0	1769m	12	M	5803'
FCST SURFACE	0	0	2184m	9	M	7164'
MU (903 mb)	0	0	1367m	7	M	4482'

PW = 0.58 .in	3CAPE = 0 J/kg	WBZ = 6317'	WNDG = 0.0
K = -22	DCAPE = 532 J/kg	FZL = 12664'	ESP = 0.0
MidRH = 21%	DownT = 51 F	ConvT = M	MMP = 0.18
LowRH = 53%	MeanW = 5.0 g/kg	MaxT = 71F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	3.1 C/km
3-6km Agl Lapse Rate =	6.7 C/km
850-500mb Lapse Rate =	5.1 C/km
700-500mb Lapse Rate =	6.8 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	34	16	113/15	163/18
SFC - 3 km	95	9	143/11	186/20
SFC - 6 km		38	178/1	214/15

BRN Shear = 32 m²/s²
4-6km SR Wind = 284/25 kt

.....Storm Motion Vectors.....
Bunkers Right = 37/14 kt
Bunkers Left = 236/15 kt

Corfidi Downshear = 310/49 kt
Corfidi Upshear = 311/32 kt

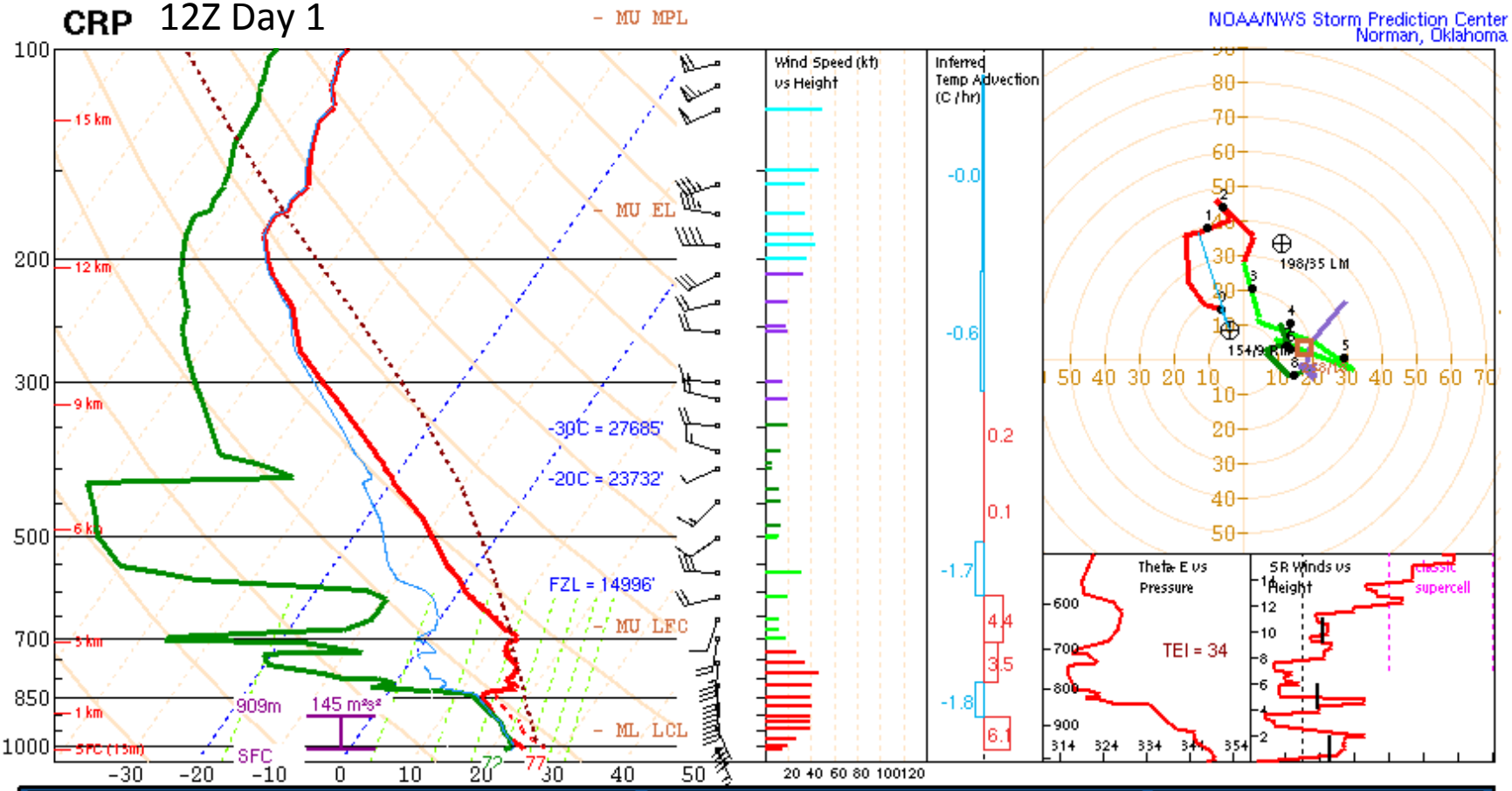
1km & 6km AGL
Wind Barbs

*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 54.7 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

CRP 12Z Day 1



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	2676	-30	324m	-6	3645m	42942'
MIXED LAYER	2304	-62	547m	-5	3723m	42845'
FCST SURFACE	2996	-11	882m	-7	3485m	43539'
MU (1000 mb)	3137	-8	261m	-7	3424m	43199'

PW = 1.26 .in	3CAPE = 62 J/kg	WBZ = 9884'	WNDG = 0.0
K = -13	DCAPE = 823 J/kg	FZL = 14996'	ESP = 0.0
MidRH = 18%	DownT = 58 F	ConvT = 87F	MMP = 0.63
LowRH = 98%	MeanW = 16.0 g/kg	MaxT = 83F	NCAPE = 0.25
SigSevere = 28278 m3/s3			

Sfc-3km Agl Lapse Rate =	5.1 C/km
3-6km Agl Lapse Rate =	7.5 C/km
850-500mb Lapse Rate =	5.7 C/km
700-500mb Lapse Rate =	8.1 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 1.1

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	145	27	156/35	157/25
SFC - 3 km	227	10	168/34	173/25
Eff Inflow Layer	145	27	155/34	155/25
SFC - 6 km		24	182/24	198/16
Lower Half Storm Depth		18	180/24	196/16
Cloud Bearing Layer		51	194/20	218/14

BRN Shear = 35 m²/s²
4-6km SR Wind = 284/24 kt

.....Storm Motion Vectors.....
Bunkers Right = 154/9 kt
Bunkers Left = 198/35 kt

Corfidi Downshear = 287/33 kt
Corfidi Upshear = 315/30 kt

1km & 6km AGL Wind Barbs

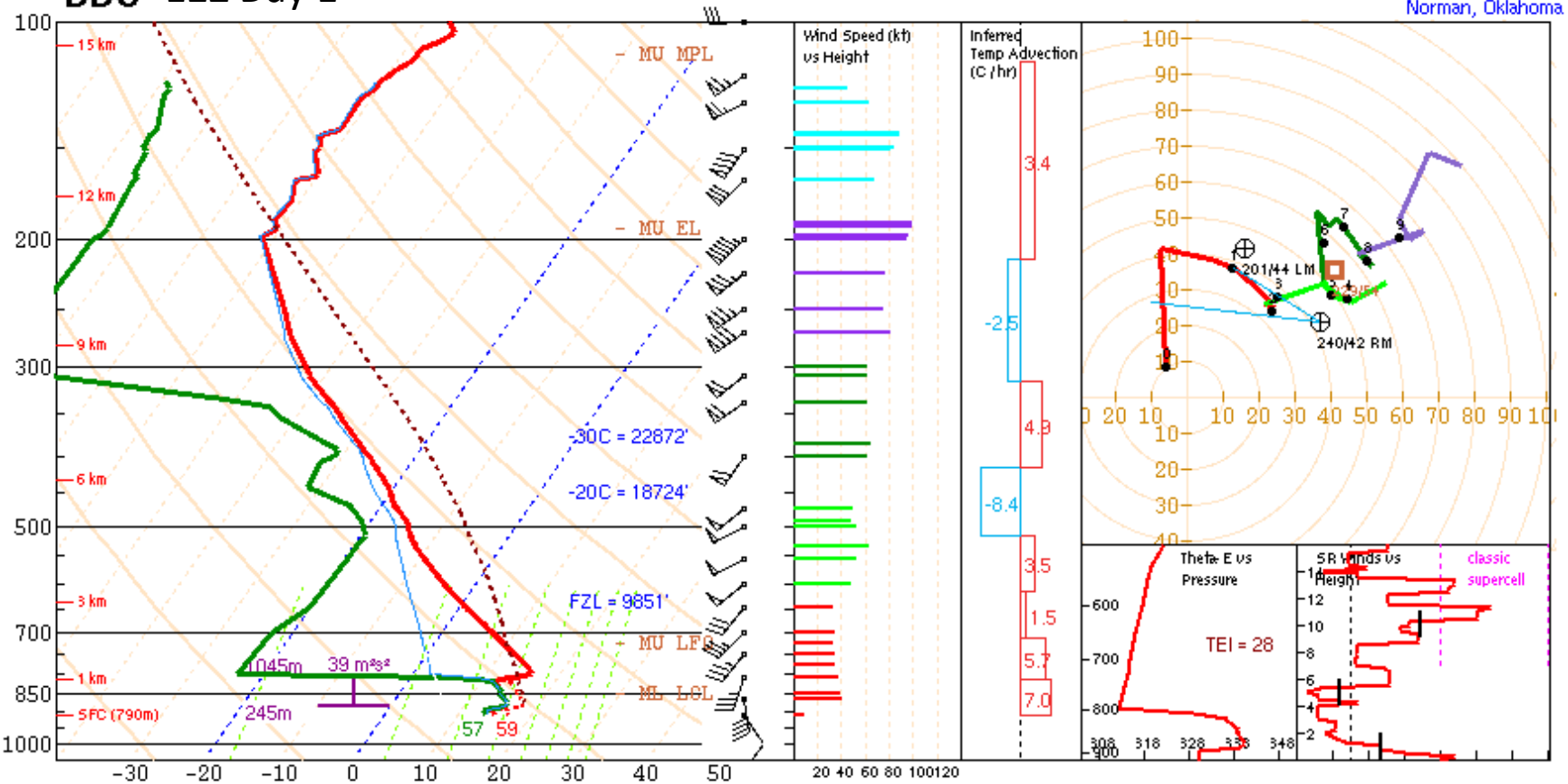
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 76.6 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
SARS: 0% TOR	(17 loose matches) SARS: 12% SIG

DDC 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	606	-298	166m	-3	2944m	32010'
MIXED LAYER	1791	-88	581m	-6	2302m	37363'
FCST SURFACE	2980	-13	1219m	-9	1648m	38450'
MU (879 mb)	2508	-35	332m	-8	1953m	37257'

PW = 0.68 .in	3CAPE = 42 J/kg	WBZ = 5538'	WNDG = 0.0
K = 12	DCAPE = 556 J/kg	FZL = 9851'	ESP = 0.0
MidRH = 13%	DownT = 48 F	ConvT = 79F	MMP = 0.99
LowRH = 55%	MeanW = 11.6 g/kg	MaxT = 76F	NCAPE = 0.20
SigSevere = 55621 m3/s3			

Sfc-3km Agl Lapse Rate =	5.6 C/km
3-6km Agl Lapse Rate =	7.4 C/km
850-500mb Lapse Rate =	7.0 C/km
700-500mb Lapse Rate =	8.1 C/km

Supercell = 2.0
Left Supercell = -2.2
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 1.7
Sig Hail = 2.6

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	429	33	184/37	115/38
SFC - 3 km	451	49	204/33	111/25
Eff Inflow Layer	39	30	190/38	119/34
SFC - 6 km	60	218/38		125/17
Lower Half Storm Depth	45	220/41		135/15
Cloud Bearing Layer	87	222/46		156/15

BRN Shear = 124 m²/s²
4-6km SR Wind = 204/17 kt

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

Bunkers Right =	240/42 kt
Bunkers Left =	201/44 kt
Corfidi Downshear =	241/70 kt
Corfidi Upshear =	271/27 kt

1km & 6km AGL Wind Barbs

* * * BEST GUESS PRECIP TYPE * * *

Rain.

Based on sfc temperature of 59.4 F.

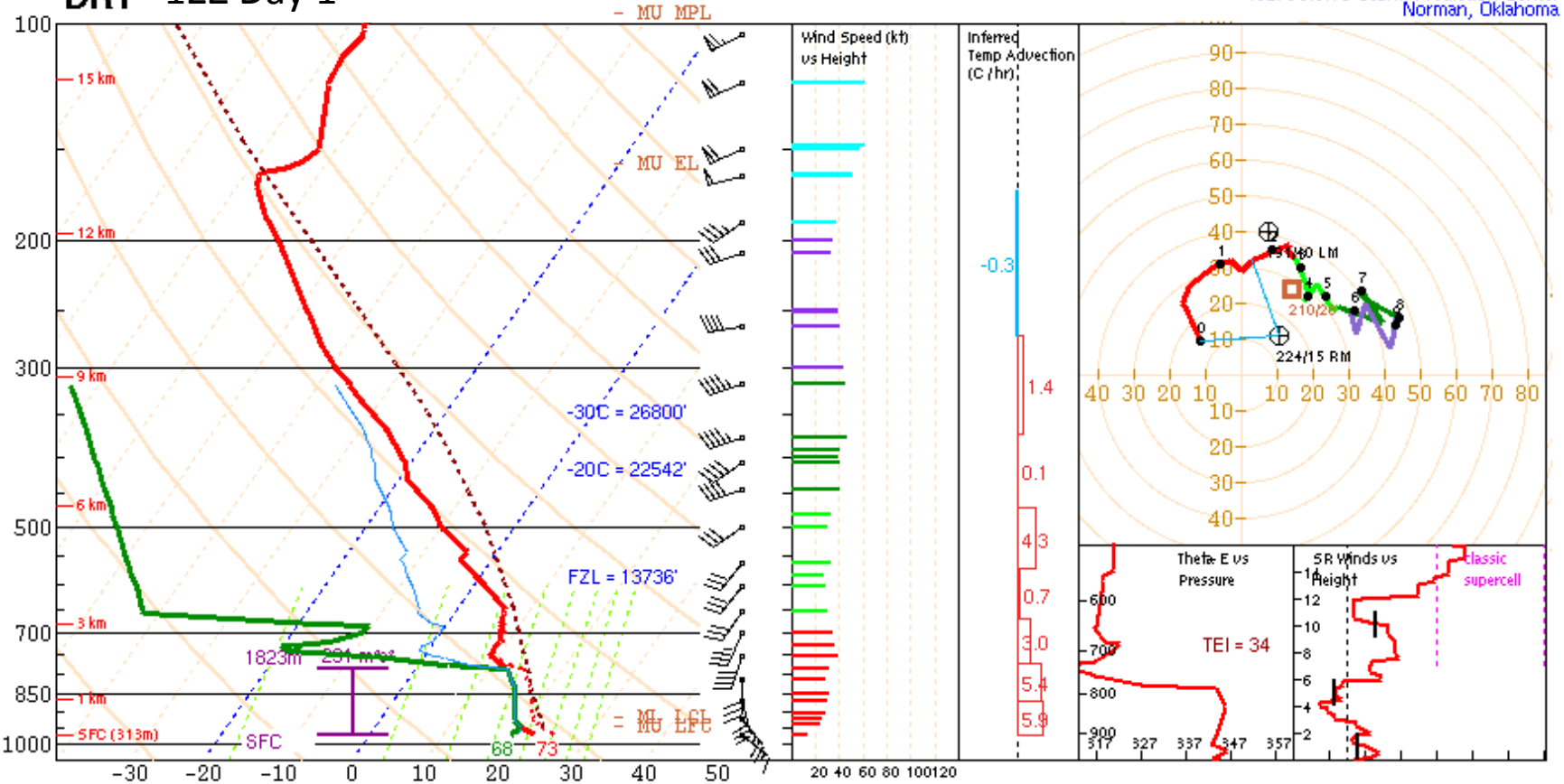
SARS - Sounding Analogs

SUPERCELL		SGFNT HAIL	
03050421.MKC	SIG	89062600.RAP	2.75
03051100.UIN	SIG		
00030208.MAF	WEAK		

(28 loose matches)
SARS: 96% SIG

DRT 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	2093	-4	335m	-5	1621m	43116'
MIXED LAYER	2012	-7	482m	-5	1791m	43575'
FCST SURFACE	3306	0	1061m	-7	1061m	43486'
MU (948 mb)	2427	0	235m	-6	235m	43740'

PW = 1.19 .in	3CAPE = 90 J/kg	WBZ = 7346'	WNDG = 0.0
K = 23	DCAPE = 692 J/kg	FZL = 13736'	ESP = 0.0
MidRH = 21%	DownT = 57 F	ConvT = 76F	MMP = 0.79
LowRH = 97%	MeanW = 14.9 g/kg	MaxT = 82F	NCAPE = 0.17
SigSevere = 52991 m3/s3			

Sfc-3km Agl Lapse Rate =	5.8 C/km
3-6km Agl Lapse Rate =	7.0 C/km
850-500mb Lapse Rate =	6.5 C/km
700-500mb Lapse Rate =	6.8 C/km

Supercell = 14.1
Left Supercell = 3.9
Sig Tor (CIN) = 3.1
Sig Tor (fixed) = 2.3
Sig Hail = 1.5

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	195	24	153/27	120/26
SFC - 3 km	329	33	179/28	148/20
Eff Inflow Layer	291	37	167/28	134/23
SFC - 6 km		51	194/26	165/15
Lower Half Storm Depth		47	198/26	170/14
Cloud Bearing Layer		68	210/28	195/14

BRN Shear = 68 m²/s²
4-6km SR Wind = 236/16 kt

.....Storm Motion Vectors.....
Bunkers Right = 224/15 kt
Bunkers Left = 191/40 kt

Corfidi Downshear = 249/59 kt
Corfidi Upshear = 274/32 kt

1km & 6km AGL Wind Barbs

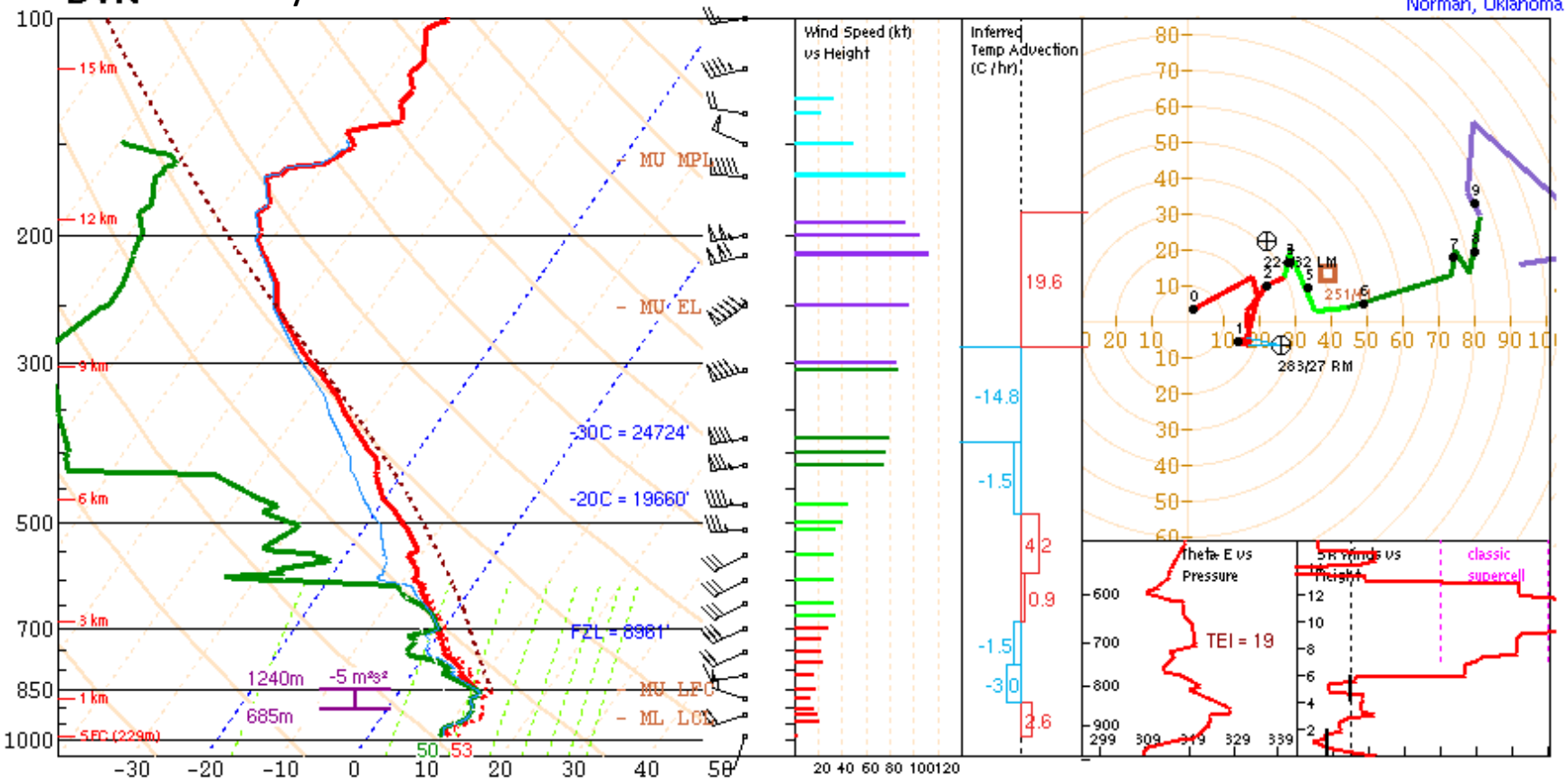
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 72.7 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
03072104.CID SIG	95050600.FTD 4.00
03050719.BMX WEAK	
04042300.PHP NON	
(6 loose matches)	(18 loose matches)
SARS: 50% TOR	SARS: 78% SIG

DVN 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	164m	8	M	538'
MIXED LAYER	0	0	453m	3	M	1486'
FCST SURFACE	322	-4	1230m	-1	1437m	21896'
MU (858 mb)	751	0	1162m	-3	1211m	33584'

PW = 1.05 .in	3CAPE = 6 J/kg	WBZ = 7477'	WNDG = 0.0
K = 36	DCAPE = 387 J/kg	FZL = 8961'	ESP = 0.0
MidRH = 84%	DownT = 55 F	ConvT = 73F	MMP = 0.90
LowRH = 99%	MeanW = 9.0 g/kg	MaxT = 71F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	4.5 C/km
3-6km Agl Lapse Rate =	6.5 C/km
850-500mb Lapse Rate =	6.5 C/km
700-500mb Lapse Rate =	6.0 C/km

Supercell = -0.1
Left Supercell = -0.1
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.3

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	62	18	257/16	135/14
SFC - 3 km	144	32	253/19	146/14
Eff Inflow Layer	-5	2	290/16	93/11
SFC - 6 km	73		251/24	165/14
Lower Half Storm Depth	30		251/25	171/15
Cloud Bearing Layer	88		250/41	212/24

BRN Shear = 5 m²/s²
4-6km SR Wind = 219/20 kt

.....Storm Motion Vectors.....
Bunkers Right = 283/27 kt
Bunkers Left = 224/32 kt

Corfidi Downshear = 249/78 kt
Corfidi Upshear = 246/31 kt

1km & 6km AGL
Wind Barbs

* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 52.5 F.

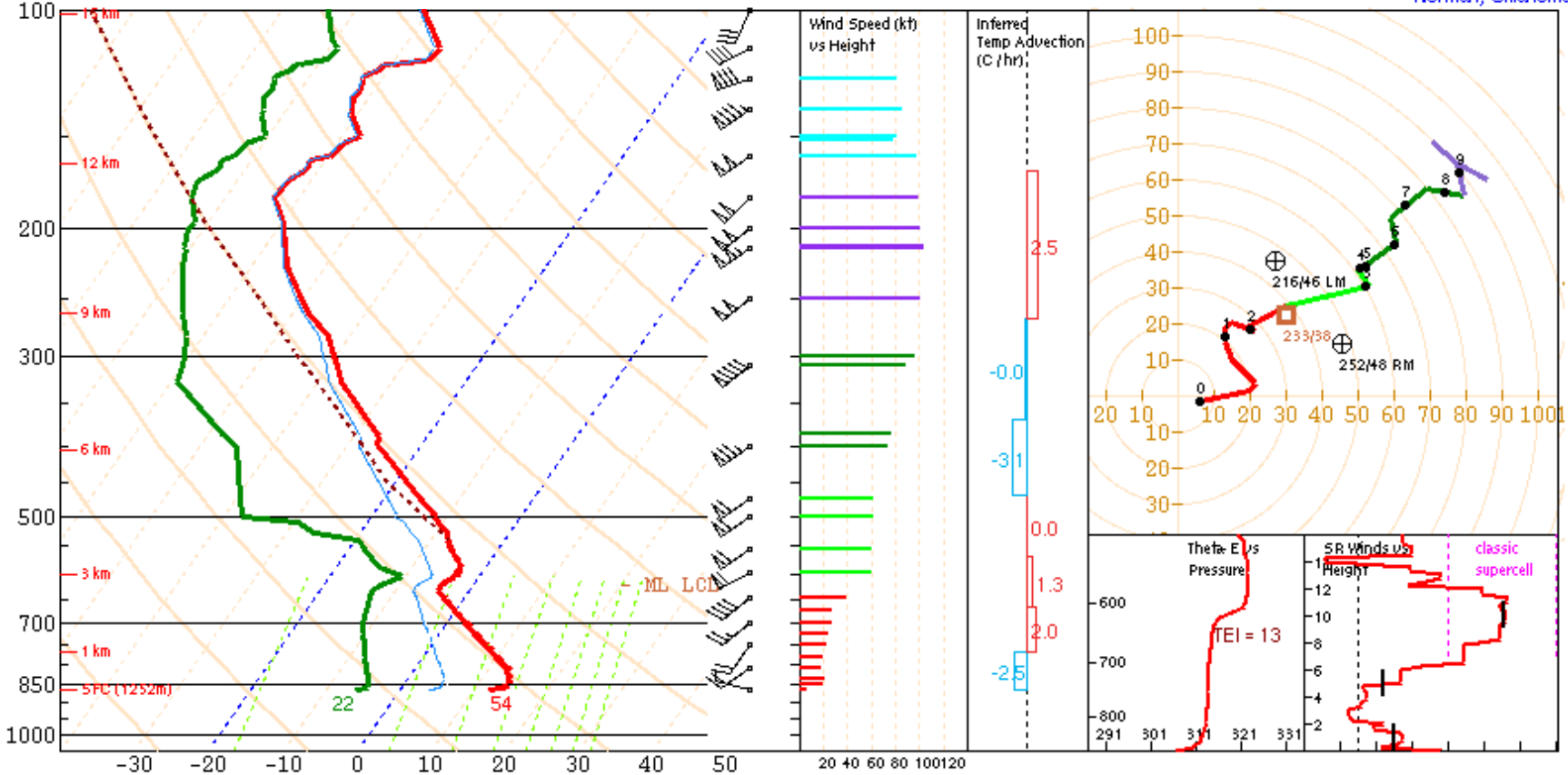
SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

SARS: 0% SIG

EPZ 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	2262m	13	M	7420'
MIXED LAYER	0	0	2721m	10	M	8926'
FCST SURFACE	0	0	3207m	7	M	10518'
MU (540 mb)	0	0	5288m	4	M	17344'

PW = 0.35 .in	3CAPE = 0 J/kg	WBZ = 4207'	WNDG = 0.0
K = 7	DCAPE = 449 J/kg	FZL = 6925'	ESP = 0.0
MidRH = 40%	DownT = 45 F	ConvT = 90F	MMP = 0.99
LowRH = 28%	MeanW = 3.0 g/kg	MaxT = 70F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	5.1 C/km
3-6km Agl Lapse Rate =	7.5 C/km
850-500mb Lapse Rate =	6.2 C/km
700-500mb Lapse Rate =	5.5 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	115	22	235/18	81/31
SFC - 3 km	263	57	233/29	96/22
SFC - 6 km		70	234/40	124/16

BRN Shear = 72 m²/s²
4-6km SR Wind = 204/27 kt

.....Storm Motion Vectors.....
Bunkers Right = 252/48 kt
Bunkers Left = 216/46 kt

Corfidi Downshear = 234/90 kt
Corfidi Upshear = 236/35 kt

1km & 6km AGL
Wind Barbs

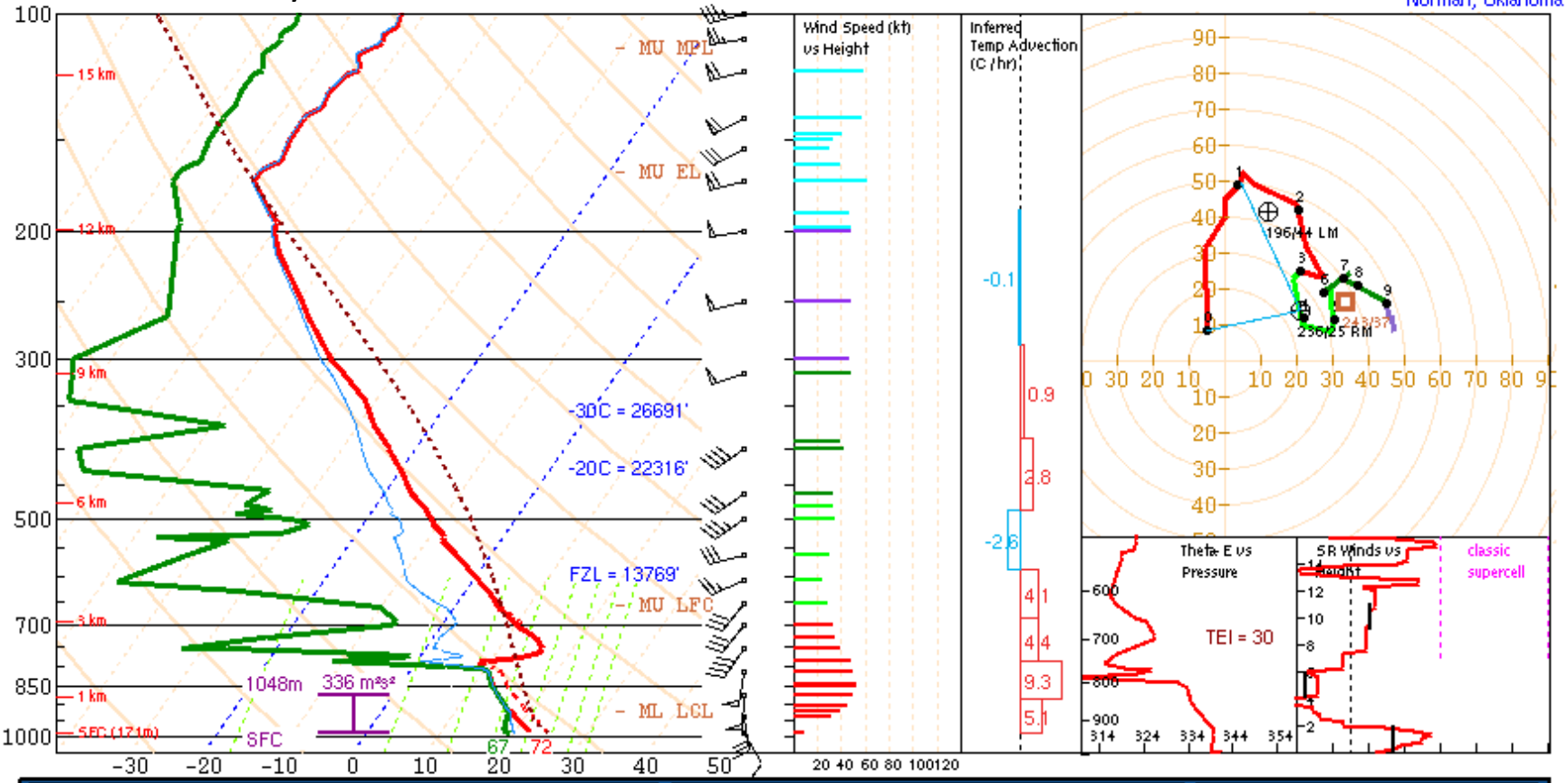
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 54.0 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

FWD 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	1741	-116	333m	-5	3456m	43009'
MIXED LAYER	1363	-146	605m	-4	3798m	39944'
FCST SURFACE	2179	-80	1004m	-6	3394m	43106'
MU (987 mb)	1741	-116	333m	-5	3456m	43009'

PW = 1.12 in	3CAPE = 72 J/kg	WBZ = 10732'	WNDG = 0.0
K = 20	DCAPE = 1370 J/kg	FZL = 13769'	ESP = 0.0
MidRH = 22%	DownT = 57 F	ConvT = 95F	MMP = 0.84
LowRH = 96%	MeanW = 13.7 g/kg	MaxT = 79F	NCAPE = 0.16
SigSevere = 23597 m3/s3			

Sfc-3km Agl Lapse Rate =	4.8 C/km
3-6km Agl Lapse Rate =	8.2 C/km
850-500mb Lapse Rate =	6.0 C/km
700-500mb Lapse Rate =	8.2 C/km

Supercell = 11.7
Left Supercell = 5.9
Sig Tor (CIN) = 0.8
Sig Tor (fixed) = 2.2
Sig Hail = 0.9

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	336	42	178/38	137/33
SFC - 3 km	484	28	193/38	152/26
Eff Inflow Layer	336	42	178/38	137/33
SFC - 6 km		34	206/33	157/17
Lower Half Storm Depth		43	206/33	157/17
Cloud Bearing Layer		48	217/35	179/14

BRN Shear = 51 m²/s²
4-6km SR Wind = 260/7 kt

.....Storm Motion Vectors.....
Bunkers Right = 236/25 kt
Bunkers Left = 196/44 kt

Corfidi Downshear = 265/56 kt
Corfidi Upshear = 304/33 kt

1km & 6km AGL Wind Barbs

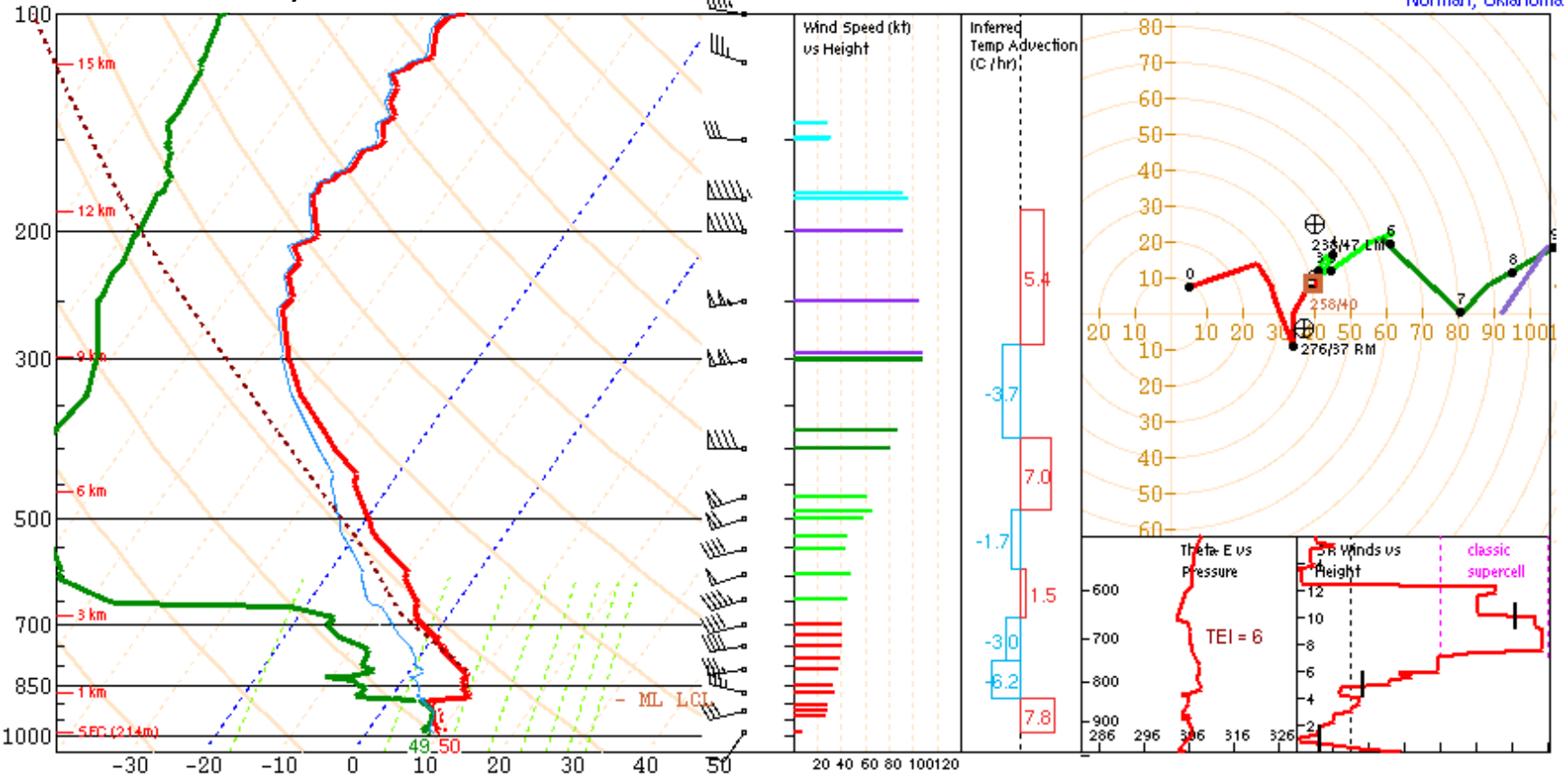
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 72.0 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
(2 loose matches)	(6 loose matches)
SARS: 50% TOR	SARS: 33% SIG

GRB 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	75m	6	M	247'
MIXED LAYER	0	0	820m	6	M	2688'
FCST SURFACE	8	-86	1765m	0	4968m	17698'
MU (816 mb)	0	0	3058m	4	M	10031'

PW = 0.50 .in	3CAPE = 0 J/kg	WBZ = 6197'	WNDG = 0.0
K = 11	DCAPE = 638 J/kg	FZL = 8316'	ESP = 0.0
MidRH = 25%	DownT = 48 F	ConvT = 74F	MMP = 0.97
LowRH = 63%	MeanW = 6.1 g/kg	MaxT = 70F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	4.9 C/km
3-6km Agl Lapse Rate =	6.7 C/km
850-500mb Lapse Rate =	7.0 C/km
700-500mb Lapse Rate =	6.8 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	88	33	259/28	133/14
SFC - 3 km	112	38	259/33	157/12
SFC - 6 km		76	256/38	178/14

BRN Shear = 21 m²/s²
4-6km SR Wind = 215/23 kt

.....Storm Motion Vectors.....
Bunkers Right = 276/37 kt
Bunkers Left = 238/47 kt

Corfidi Downshear = 259/92 kt
Corfidi Upshear = 257/31 kt

1km & 6km AGL Wind Barbs

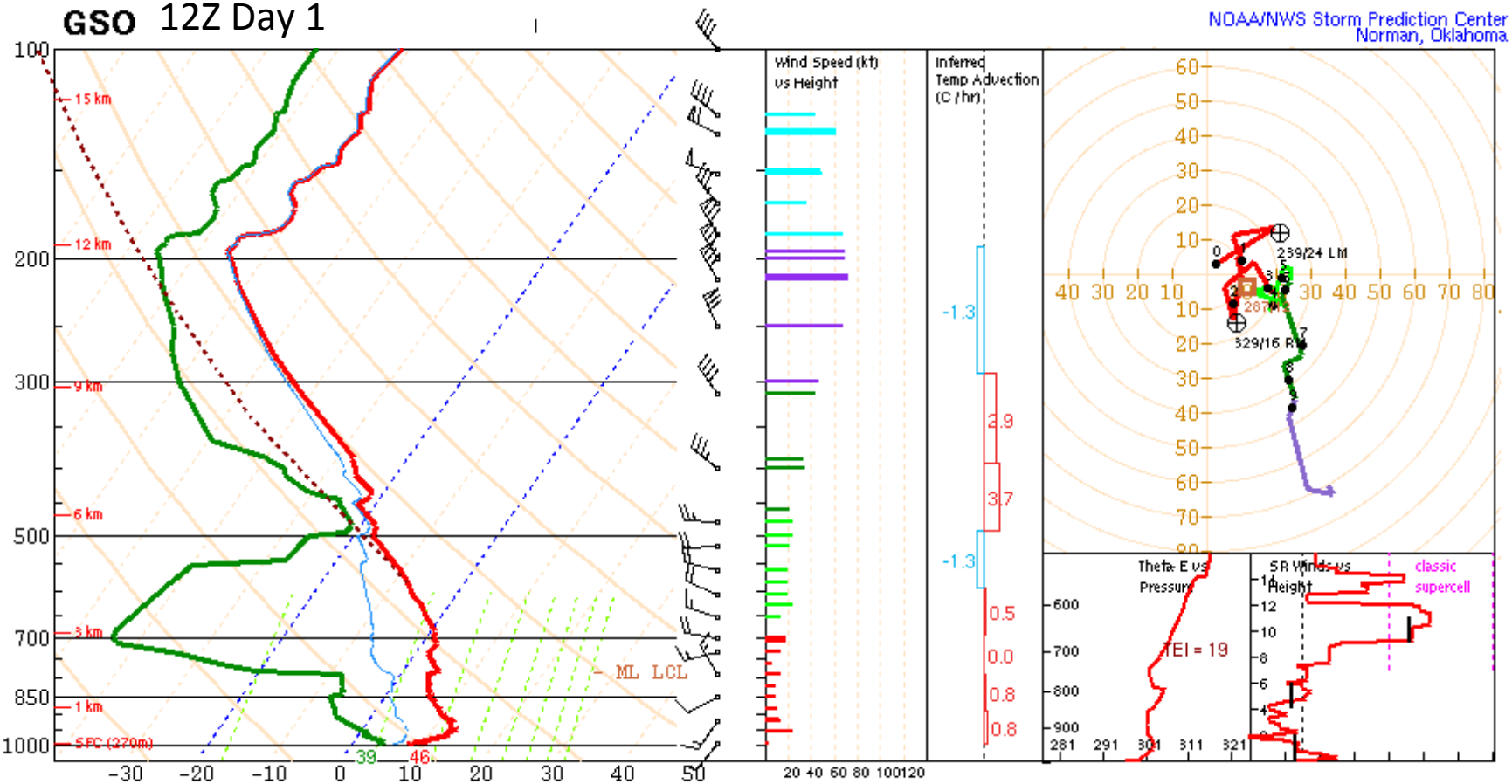
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 49.6 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

GSO 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	517m	15	M	1694'
MIXED LAYER	0	0	1910m	11	M	6265'
FCST SURFACE	0	0	2470m	8	M	8101'
MU (584 mb)	0	0	8300m	5	M	27220'

PW = 0.35 .in	3CAPE = 0 J/kg	WBZ = 5421'	WNDG = 0.0
K = -29	DCAPE = 413 J/kg	FZL = 10340'	ESP = 0.0
MidRH = 9%	DownT = 47 F	ConvT = M	MMP = 0.31
LowRH = 42%	MeanW = 3.9 g/kg	MaxT = 68F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	2.6 C/km
3-6km Agl Lapse Rate =	6.9 C/km
850-500mb Lapse Rate =	5.8 C/km
700-500mb Lapse Rate =	7.1 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	20	6	233/16	190/24
SFC - 3 km	74	13	260/11	189/16
SFC - 6 km		21	270/14	200/15

BRN Shear = 21 m²/s²
4-6km SR Wind = 229/17 kt

.....Storm Motion Vectors.....
Bunkers Right = 329/16 kt
Bunkers Left = 239/24 kt

Corfidi Downshear = 321/41 kt
Corfidi Upshear = 339/21 kt

1km & 6km AGL
Wind Barbs

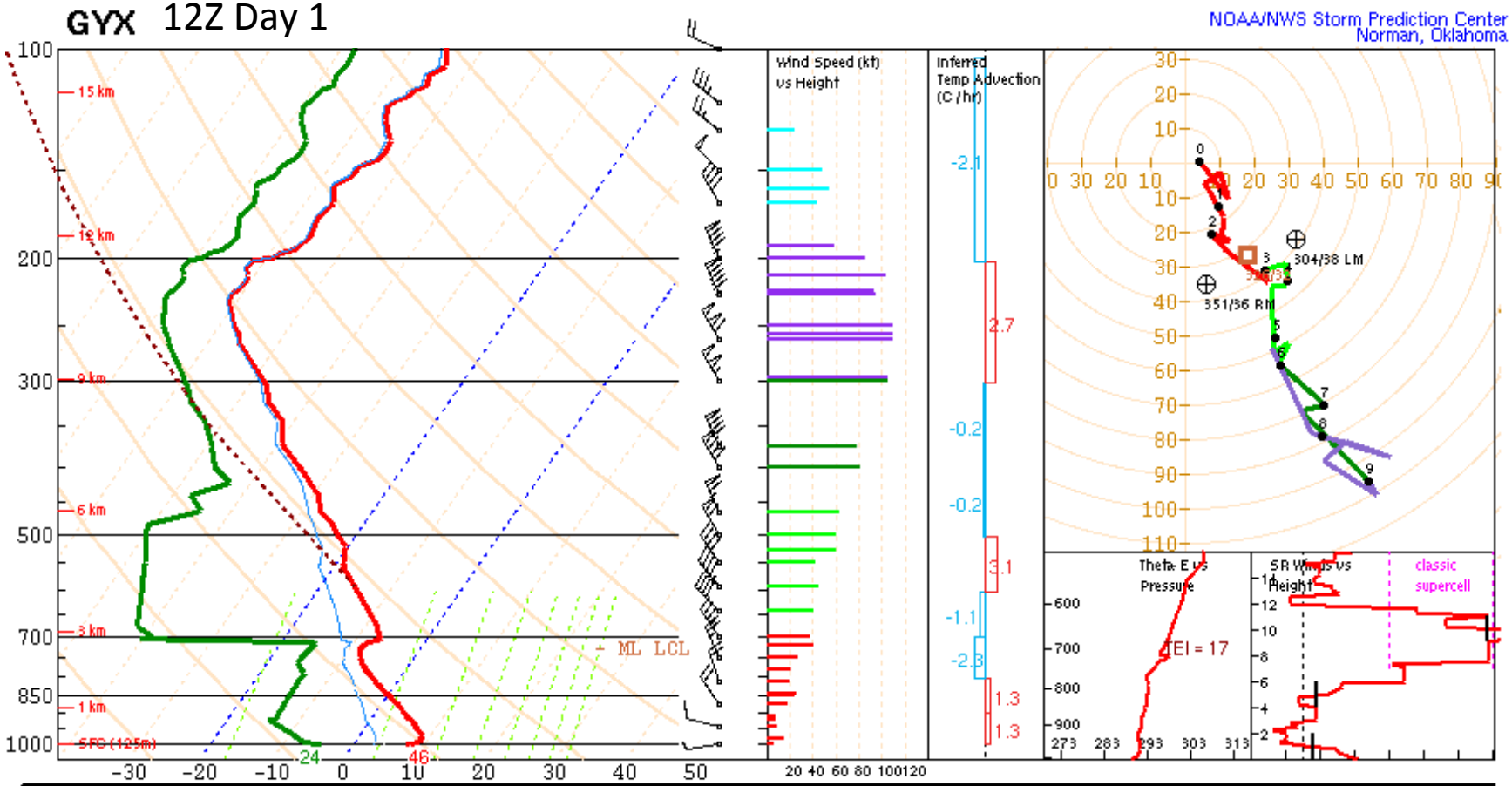
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 46.4 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

GYX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	1505m	15	M	4937'
MIXED LAYER	0	0	2527m	14	M	8289'
FCST SURFACE	0	0	2950m	11	M	9675'
MU (593 mb)	0	0	7760m	6	M	25452'

PW = 0.21 .in	3CAPE = 0 J/kg	WBZ = 2008'	WNDG = 0.0
K = -22	DCAPE = 271 J/kg	FZL = 4585'	ESP = 0.0
MidRH = 28%	DownT = 40 F	ConvT = 82F	MMP = 0.97
LowRH = 28%	MeanW = 1.9 g/kg	MaxT = 59F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	5.2 C/km
3-6km Agl Lapse Rate =	6.7 C/km
850-500mb Lapse Rate =	5.7 C/km
700-500mb Lapse Rate =	6.3 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	54	18	308/12	187/28
SFC - 3 km	94	39	325/21	200/19
SFC - 6 km		80	326/30	226/15

BRN Shear = 58 m²/s²
4-6km SR Wind = 299/24 kt

.....Storm Motion Vectors.....
Bunkers Right = 351/36 kt
Bunkers Left = 304/38 kt

Corfidi Downshear = 331/99 kt
Corfidi Upshear = 333/42 kt

1km & 6km AGL Wind Barbs

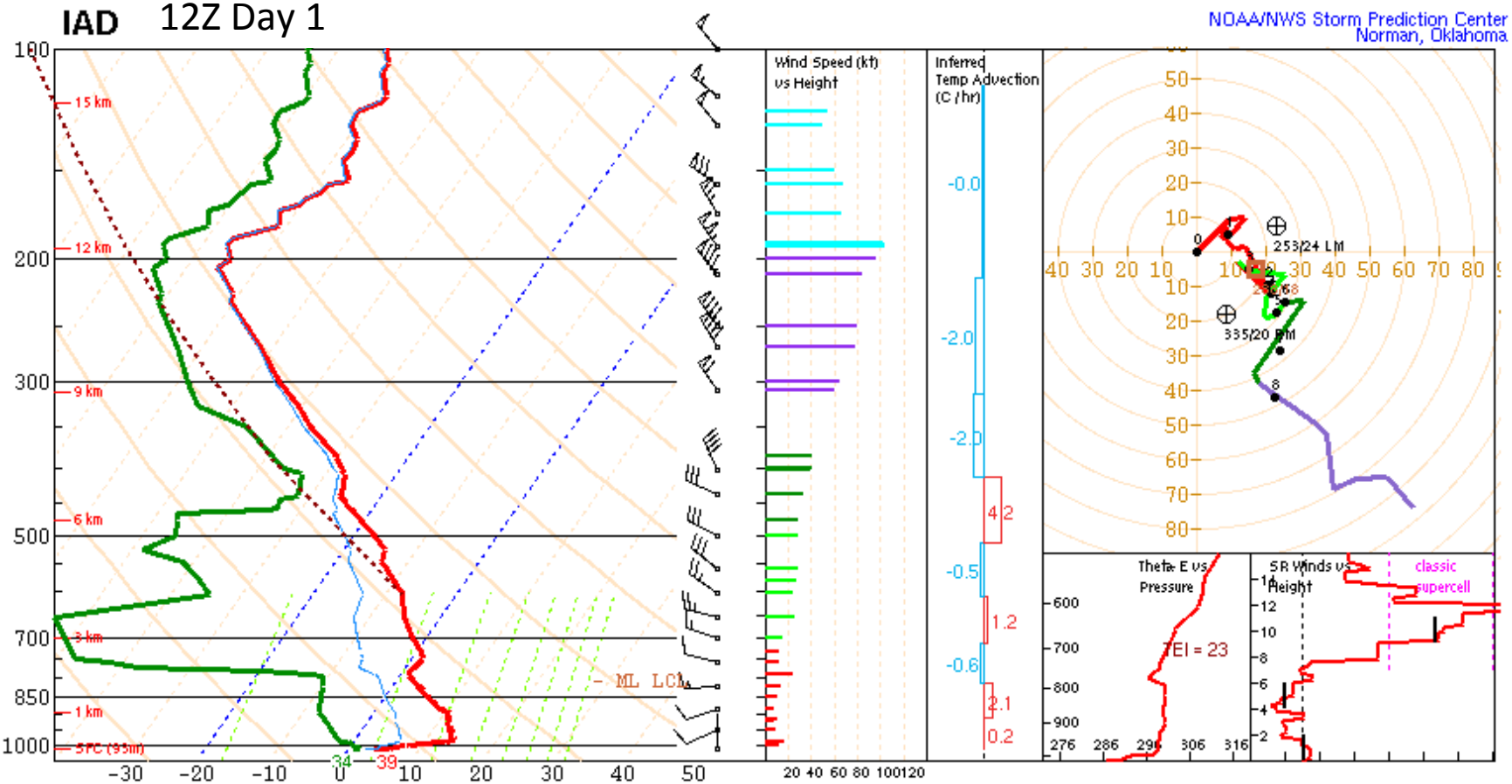
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 46.0 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

IAD 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	386m	21	M	1265'
MIXED LAYER	0	0	1853m	15	M	6078'
FCST SURFACE	0	0	2794m	9	M	9165'
MU (608 mb)	0	0	7399m	7	M	24266'

PW = 0.28 .in	3CAPE = 8 J/kg	WBZ = 5002'	WNDG = 0.0
K = -34	DCAPE = 586 J/kg	FZL = 9139'	ESP = 0.0
MidRH = 8%	DownT = 47 F	ConvT = M	MMP = 0.49
LowRH = 40%	MeanW = 3.5 g/kg	MaxT = 71F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	2.0 C/km
3-6km Agl Lapse Rate =	6.4 C/km
850-500mb Lapse Rate =	5.7 C/km
700-500mb Lapse Rate =	6.0 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	68	9	239/10	180/23
SFC - 3 km	123	16	268/11	188/19
SFC - 6 km		29	286/15	203/15

BRN Shear = 17 m²/s²
4-6km SR Wind = 262/15 kt

.....Storm Motion Vectors.....
Bunkers Right = 335/20 kt
Bunkers Left = 253/24 kt

Corfidi Downshear = 318/56 kt
Corfidi Upshear = 328/27 kt

1km & 6km AGL
Wind Barbs

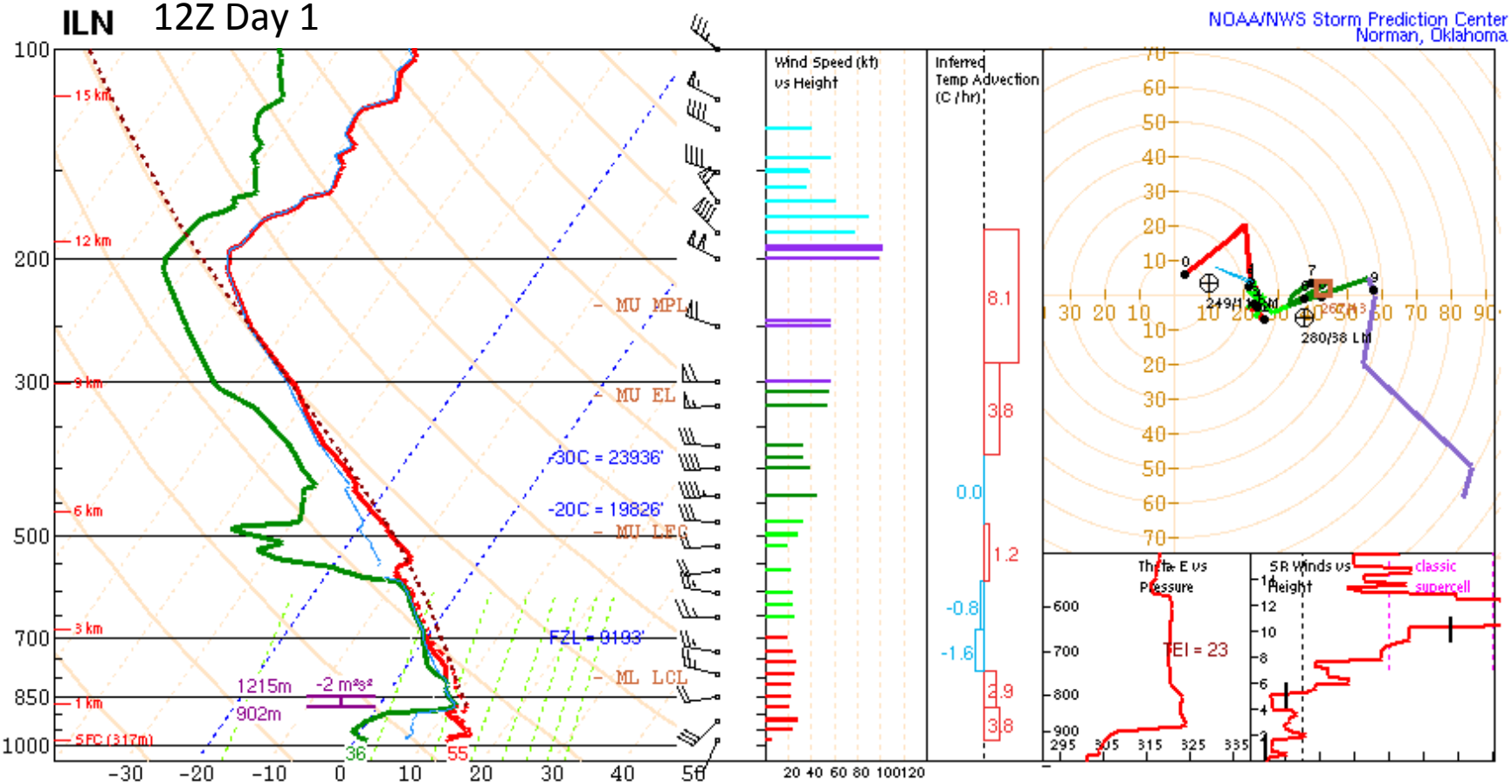
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 39.2 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

ILN 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	1402m	14	M	4600'
MIXED LAYER	0	0	1722m	9	M	5649'
FCST SURFACE	0	0	2242m	6	M	7352'
MU (879 mb)	236	-11	961m	0	5499m	28645'

PW = 0.99 .in	3CAPE = 0 J/kg	WBZ = 9134'	WNDG = 0.0
K = 33	DCAPE = 363 J/kg	FZL = 9193'	ESP = 0.0
MidRH = 95%	DownT = 56 F	ConvT = 84F	MMP = 0.47
LowRH = 57%	MeanW = 5.2 g/kg	MaxT = 72F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	4.7 C/km
3-6km Agl Lapse Rate =	6.4 C/km
850-500mb Lapse Rate =	6.0 C/km
700-500mb Lapse Rate =	5.8 C/km

Supercell = -0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	63	20	235/23	234/9
SFC - 3 km	70	24	260/21	295/10
Eff Inflow Layer	-2	1	260/23	291/11
SFC - 6 km	42		264/23	298/12
Lower Half Storm Depth	2		273/24	309/15
Cloud Bearing Layer	33		271/28	299/18

BRN Shear = 35 m²/s²
4-6km SR Wind = 295/15 kt

.....Storm Motion Vectors.....
Bunkers Right = 249/11 kt
Bunkers Left = 280/38 kt

Corfidi Downshear = 282/44 kt
Corfidi Upshear = 310/15 kt

1km & 6km AGL Wind Barbs

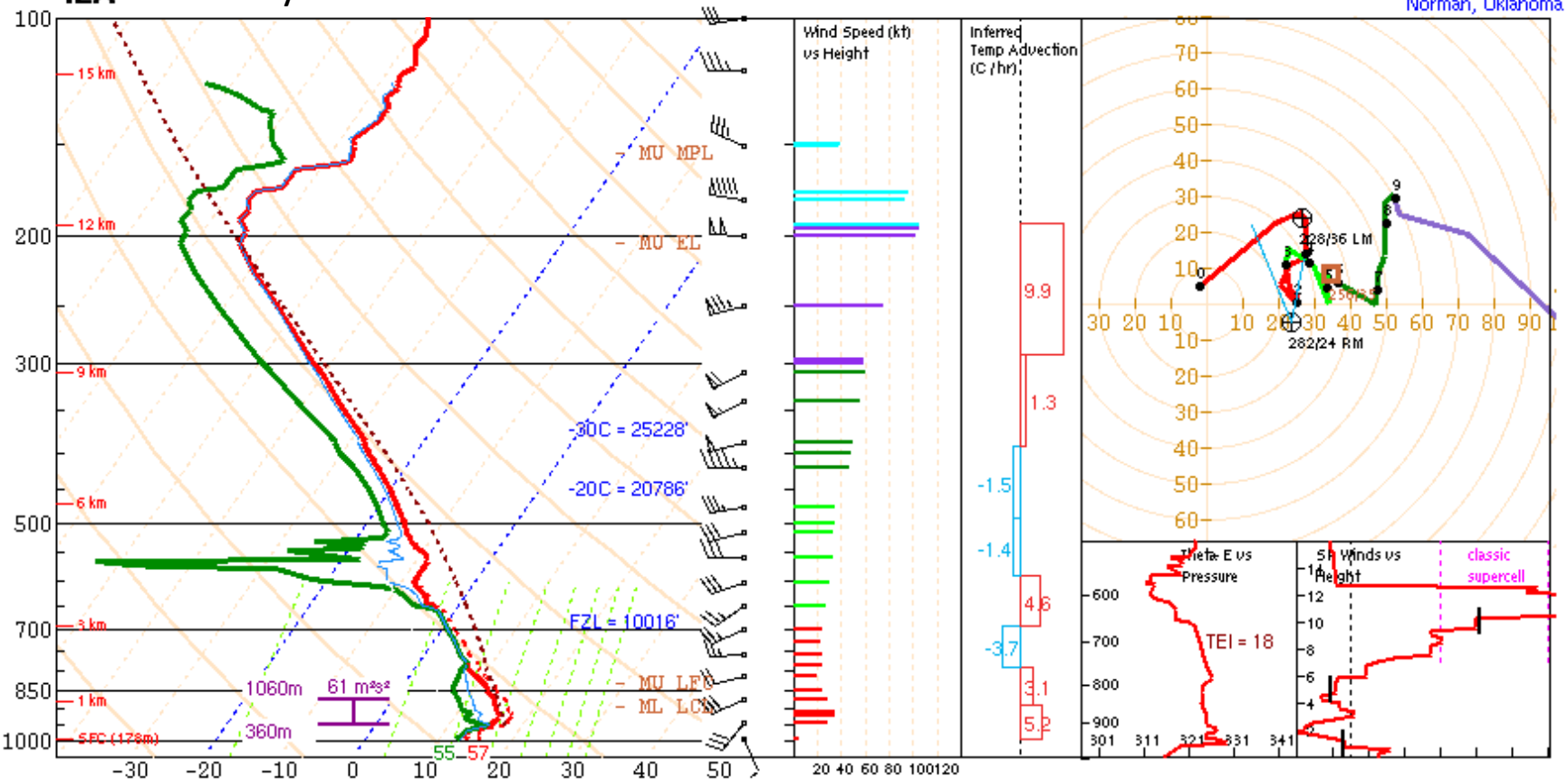
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 55.4 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
	(5 loose matches)
	SARS: 0% SIG

ILX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	167m	5	M	547'
MIXED LAYER	117	-108	853m	-0	4860m	18891'
FCST SURFACE	1061	0	1523m	-4	1523m	38708'
MU (951 mb)	784	-30	386m	-3	1472m	38211'

PW = 1.24 .in	3CAPE = 5 J/kg	WBZ = 10016'	WNDG = 0.0
K = 35	DCAPE = 746 J/kg	FZL = 10016'	ESP = 0.0
MidRH = 93%	DownT = 54 F	ConvT = 76F	MMP = 0.72
LowRH = 80%	MeanW = 9.8 g/kg	MaxT = 78F	NCAPE = 0.13
SigSevere = 2964 m3/s3			

Sfc-3km Agl Lapse Rate =	4.8 C/km
3-6km Agl Lapse Rate =	6.3 C/km
850-500mb Lapse Rate =	6.7 C/km
700-500mb Lapse Rate =	6.3 C/km

Supercell = 0.9
Left Supercell = 0.3
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.4

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	253	30	229/29	177/25
SFC - 3 km	228	27	243/24	173/16
Eff Inflow Layer	61	12	234/31	185/24
SFC - 6 km	49	247/26		181/15
Lower Half Storm Depth	36	249/28		189/15
Cloud Bearing Layer	90	253/35		212/18

BRN Shear = 22 m²/s²
4-6km SR Wind = 227/14 kt

.....Storm Motion Vectors.....
Bunkers Right = 282/24 kt
Bunkers Left = 228/36 kt

Corfidi Downshear = 265/47 kt
Corfidi Upshear = 295/14 kt

1km & 6km AGL Wind Barbs

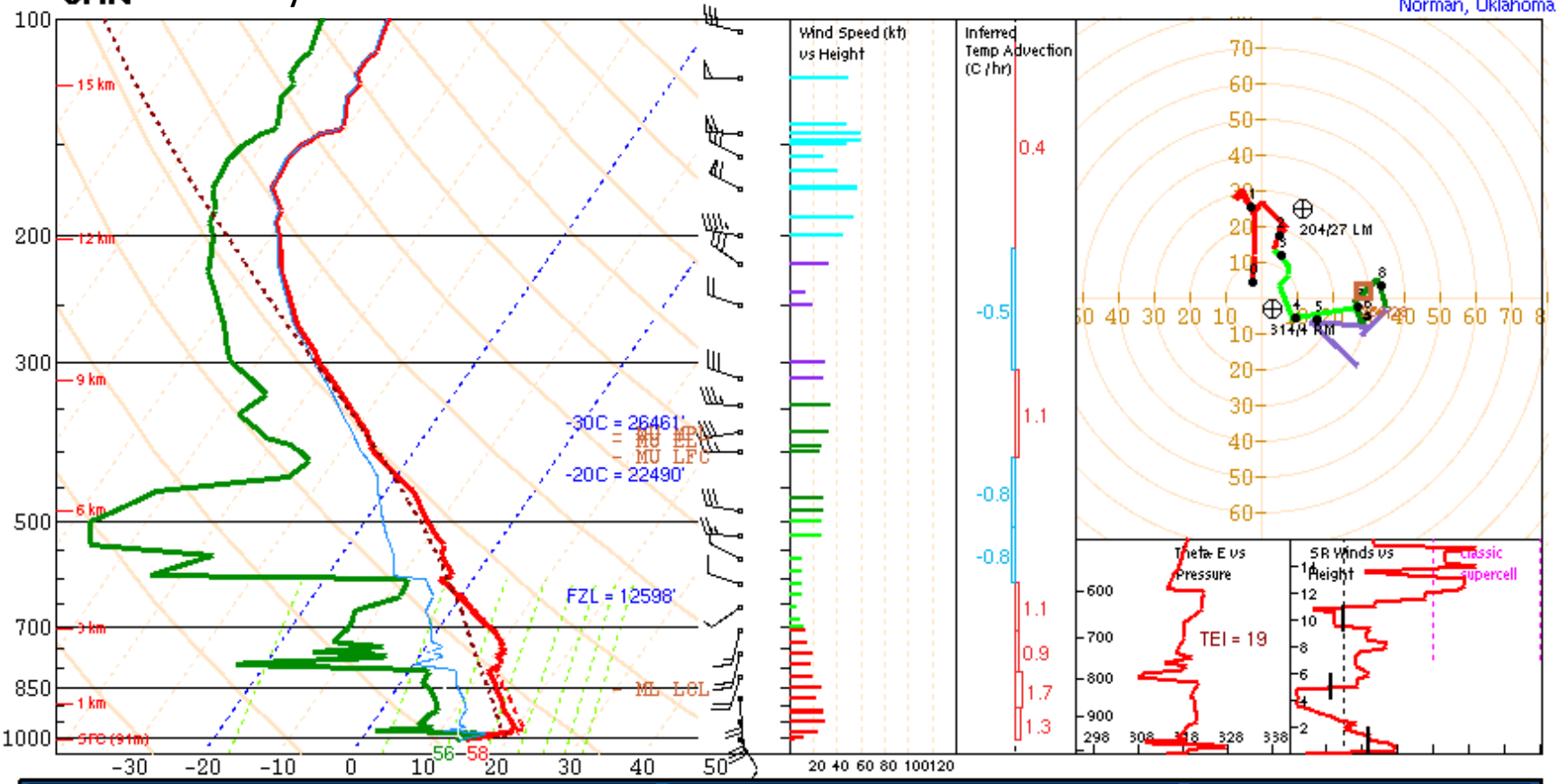
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 57.2 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
	(3 loose matches)
	SARS: 0% SIG

JAN 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	144m	9	M	473'
MIXED LAYER	0	0	1381m	6	M	4530'
FCST SURFACE	0	0	2105m	2	M	6904'
MU (988 mb)	3	-396	354m	1	7282m	25082'

PW = 0.80 .in	3CAPE = 0 J/kg	WBZ = 9308'	WNDG = 0.0
K = 10	DCAPE = 594 J/kg	FZL = 12598'	ESP = 0.0
MidRH = 27%	DownT = 57 F	ConvT = 98F	MMP = 0.21
LowRH = 59%	MeanW = 8.0 g/kg	MaxT = 82F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	2.7 C/km
3-6km Agl Lapse Rate =	7.0 C/km
850-500mb Lapse Rate =	6.1 C/km
700-500mb Lapse Rate =	7.0 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	24	19	170/26	165/29
SFC - 3 km	97	11	179/22	172/25
SFC - 6 km		33	201/14	187/16
Cloud Bearing Layer		45	215/14	200/16

BRN Shear = 29 m²/s²
4-6km SR Wind = 276/16 kt

.....Storm Motion Vectors.....
Bunkers Right = 314/4 kt
Bunkers Left = 204/27 kt

Corfidi Downshear = 297/42 kt
Corfidi Upshear = 317/30 kt

1km & 6km AGL
Wind Barbs

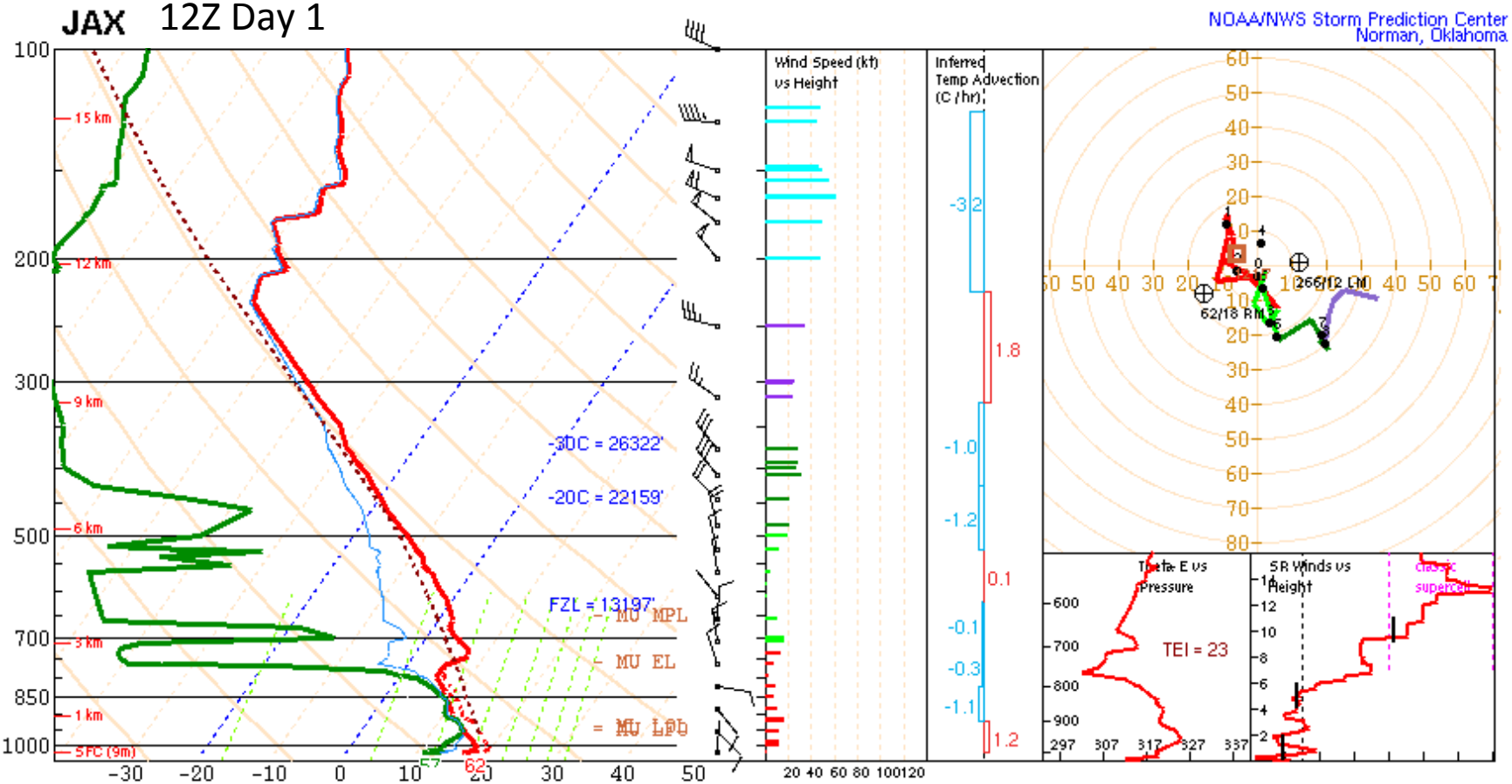
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 57.9 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

JAX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	375m	6	M	1230'
MIXED LAYER	6	-25	735m	4	1820m	7355'
FCST SURFACE	72	0	1175m	2	1175m	8190'
MU (959 mb)	92	-0	594m	1	646m	8190'

PW = 0.91 .in	3CAPE = 6 J/kg	WBZ = 7553'	WNDG = 0.0
K = 12	DCAPE = 597 J/kg	FZL = 13197'	ESP = 0.0
MidRH = 18%	DownT = 53 F	ConvT = 71F	MMP = 0.11
LowRH = 87%	MeanW = 9.9 g/kg	MaxT = 74F	NCAPE = 0.01
SigSevere = 60 m3/s3			

Sfc-3km Agl Lapse Rate =	4.2 C/km
3-6km Agl Lapse Rate =	6.6 C/km
850-500mb Lapse Rate =	5.2 C/km
700-500mb Lapse Rate =	6.5 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = -0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	-13	13	122/11	205/15
SFC - 3 km	95	14	95/5	231/14
SFC - 6 km		19	46/4	246/14
Cloud Bearing Layer		26	117/6	223/15

BRN Shear = 9 m²/s²
4-6km SR Wind = 272/18 kt

.....Storm Motion Vectors.....
Bunkers Right = 62/18 kt
Bunkers Left = 266/12 kt

Corfidi Downshear = 320/37 kt
Corfidi Upshear = 317/23 kt

1km & 6km AGL
Wind Barbs

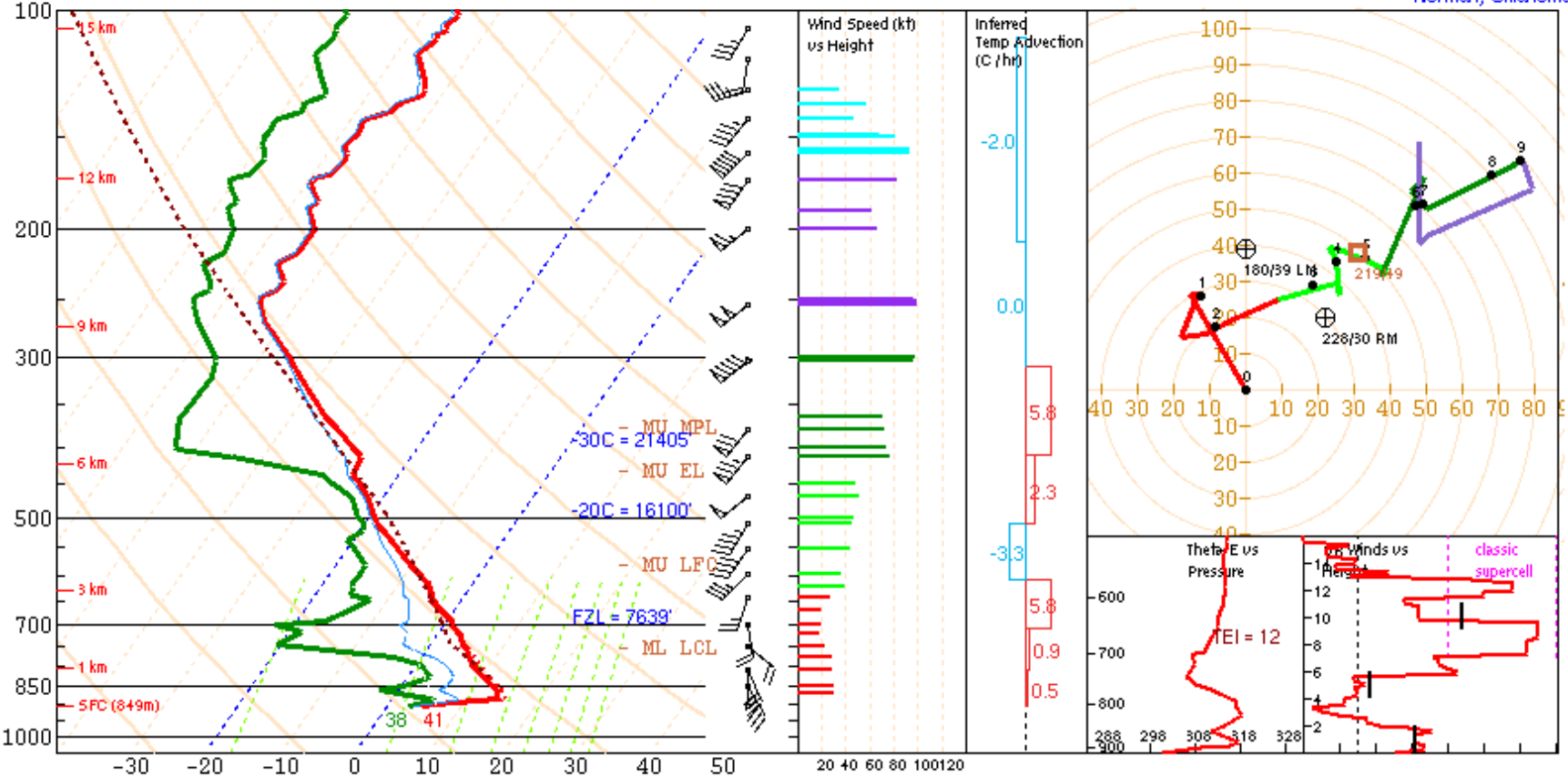
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 61.9 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

LBF 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	219m	10	M	719'
MIXED LAYER	0	0	1515m	1	M	4970'
FCST SURFACE	121	-22	2125m	-2	3418m	19750'
MU (827 mb)	65	-93	1673m	-1	3638m	19193'

PW = 0.50 .in	3CAPE = 0 J/kg	WBZ = 4645'	WNDG = 0.0
K = 9	DCAPE = 482 J/kg	FZL = 7639'	ESP = 0.0
MidRH = 30%	DownT = 44 F	ConvT = 72F	MMP = 0.98
LowRH = 49%	MeanW = 5.4 g/kg	MaxT = 69F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	3.4 C/km
3-6km Agl Lapse Rate =	7.3 C/km
850-500mb Lapse Rate =	7.7 C/km
700-500mb Lapse Rate =	7.9 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	250	30	152/29	98/36
SFC - 3 km	225	39	163/23	94/29
SFC - 6 km		77	194/28	114/17
Cloud Bearing Layer		74	211/35	156/11

BRN Shear = 61 m²/s²
4-6km SR Wind = 209/23 kt

.....Storm Motion Vectors.....
Bunkers Right = 228/30 kt
Bunkers Left = 180/39 kt

Corfidi Downshear = 231/79 kt
Corfidi Upshear = 251/39 kt

1km & 6km AGL Wind Barbs

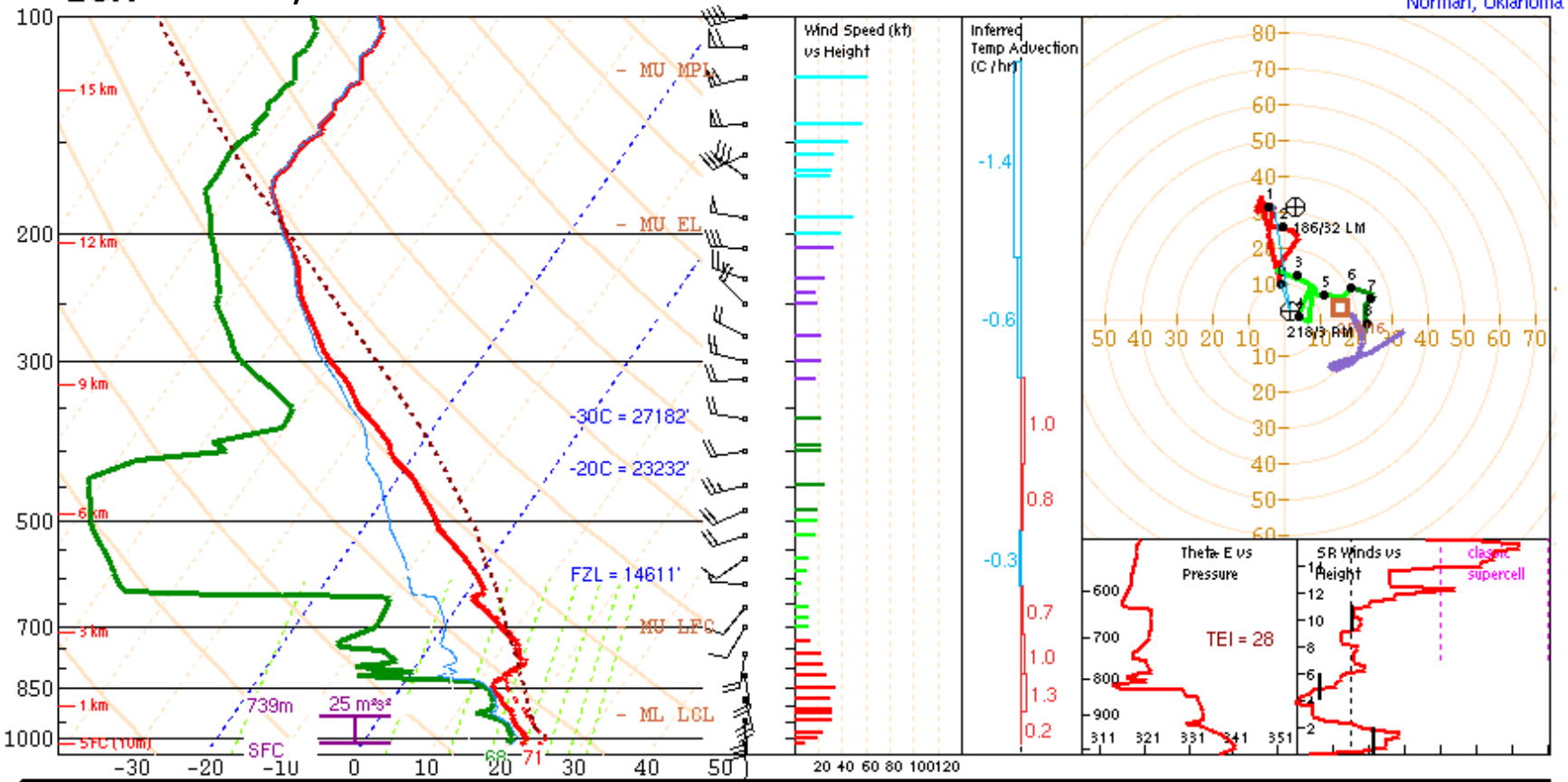
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 40.6 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

LCH 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	909	-112	211m	-3	3403m	37700'
MIXED LAYER	706	-113	775m	-2	4390m	36956'
FCST SURFACE	1520	-30	1236m	-4	3149m	40493'
MU (994 mb)	1584	-27	426m	-5	3149m	40493'

PW = 1.16 .in	3CAPE = 12 J/kg	WBZ = 10655'	WNDG = 0.0
K = 18	DCAPE = 1293 J/kg	FZL = 14611'	ESP = 0.0
MidRH = 36%	DownT = 59 F	ConvT = 88F	MMP = 0.28
LowRH = 86%	MeanW = 13.1 g/kg	MaxT = 83F	NCAPE = 0.10
SigSevere = 7241 m3/s3			

Sfc-3km Agl Lapse Rate =	4.9 C/km
3-6km Agl Lapse Rate =	7.2 C/km
850-500mb Lapse Rate =	5.9 C/km
700-500mb Lapse Rate =	7.2 C/km

Supercell = 0.5
Left Supercell = 1.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = -0.0
Sig Hail = 0.4

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	-18	21	173/28	168/26
SFC - 3 km	48	7	175/25	170/23
Eff Inflow Layer	25	22	173/27	169/25
SFC - 6 km	20		184/19	178/16
Lower Half Storm Depth	26		188/19	182/16
Cloud Bearing Layer	66		208/16	206/13

BRN Shear = 10 m²/s²
4-6km SR Wind = 251/11 kt

.....Storm Motion Vectors.....
Bunkers Right = 218/3 kt
Bunkers Left = 186/32 kt

Corfidi Downshear = 292/30 kt
Corfidi Upshear = 321/26 kt

1km & 6km AGL
Wind Barbs

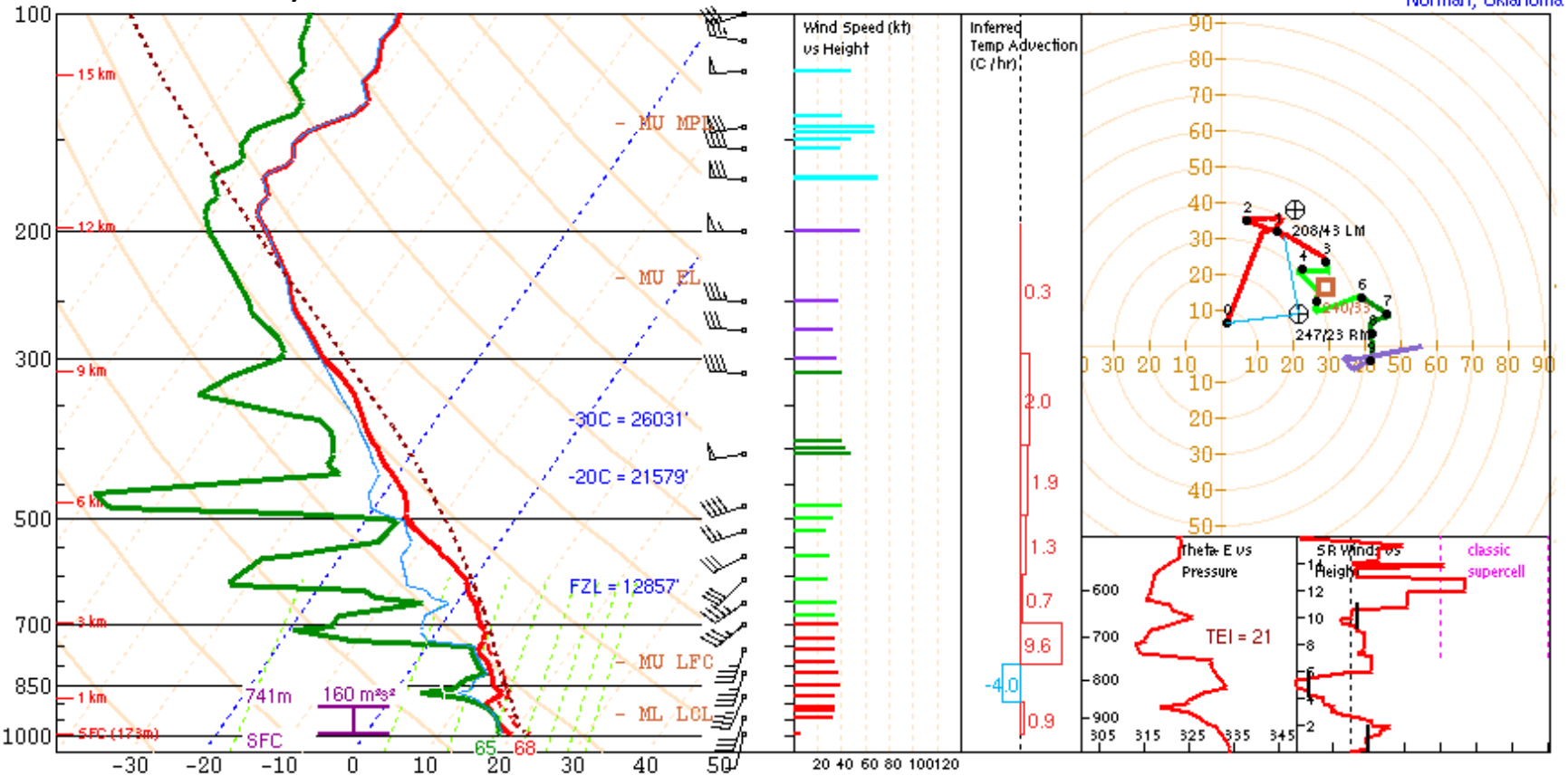
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 71.2 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
(1 loose matches)	(10 loose matches)
SARS: 0% TOR	SARS: 0% SIG

LZK 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	841	-3	243m	-5	1961m	36077'
MIXED LAYER	358	-76	569m	-4	4292m	34493'
FCST SURFACE	1122	0	1026m	-6	1026m	37461'
MU (988 mb)	871	-2	210m	-5	1961m	36077'

PW = 1.20 .in	3CAPE = 4 J/kg	WBZ = 8311'	WNDG = 0.0
K = 16	DCAPE = 672 J/kg	FZL = 12857'	ESP = 0.0
MidRH = 50%	DownT = 55 F	ConvT = 75F	MMP = 0.52
LowRH = 79%	MeanW = 12.0 g/kg	MaxT = 77F	NCAPE = 0.06
SigSevere = 8372 m3/s3			

Sfc-3km Agl Lapse Rate =	5.7 C/km
3-6km Agl Lapse Rate =	7.2 C/km
850-500mb Lapse Rate =	6.7 C/km
700-500mb Lapse Rate =	7.6 C/km

Supercell = 2.1
Left Supercell = 0.4
Sig Tor (CIN) = 0.2
Sig Tor (fixed) = 0.6
Sig Hail = 0.6

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	149	29	204/33	159/23
SFC - 3 km	221	31	206/34	163/23
Eff Inflow Layer	160	28	203/33	158/23
SFC - 6 km		45	218/32	172/16
Lower Half Storm Depth		31	215/31	168/17
Cloud Bearing Layer		55	228/33	194/13

BRN Shear = 12 m²/s²
4-6km SR Wind = 236/8 kt

.....Storm Motion Vectors.....
Bunkers Right = 247/23 kt
Bunkers Left = 208/43 kt

Corfidi Downshear = 270/46 kt
Corfidi Upshear = 315/23 kt

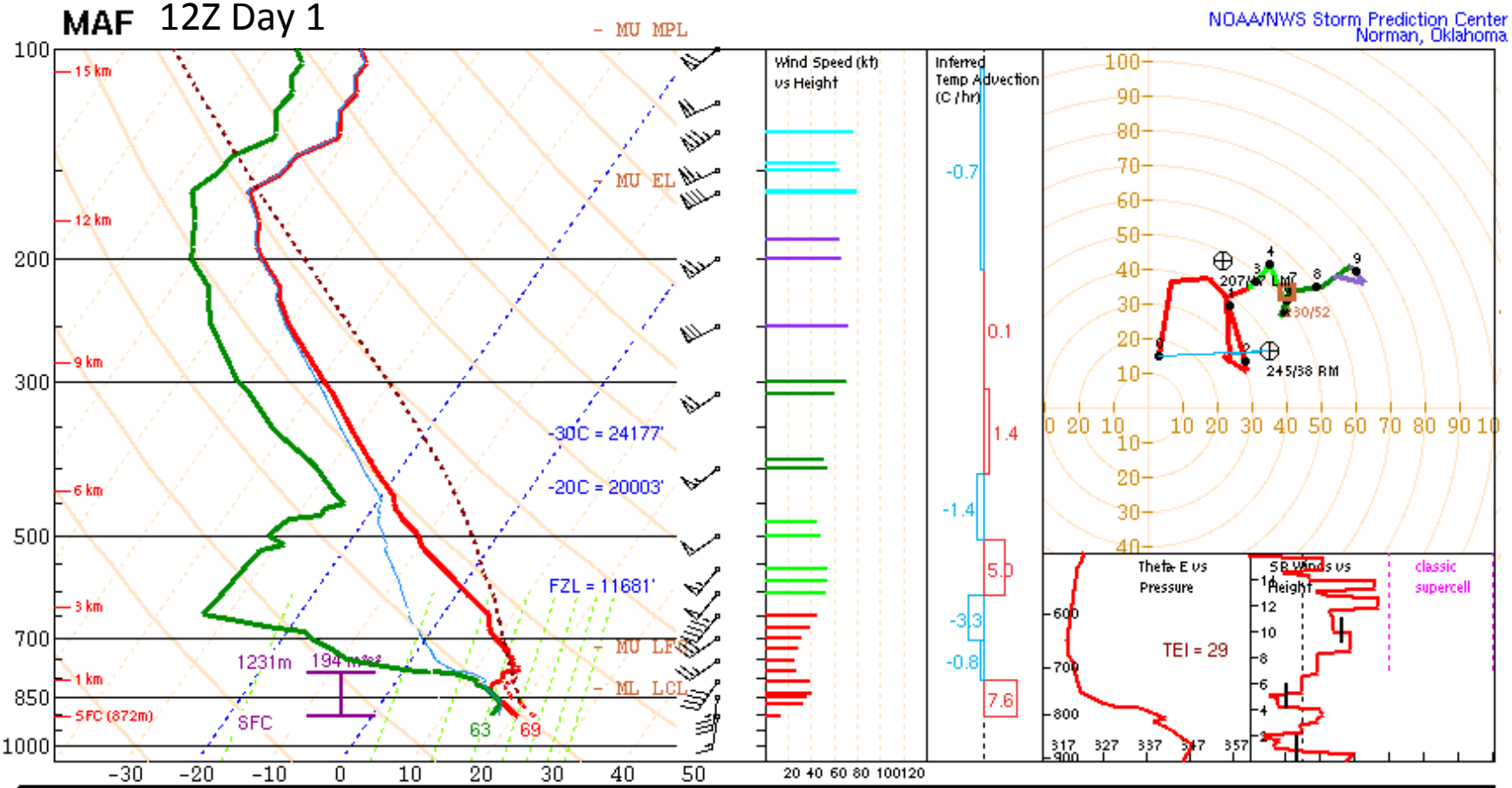
1km & 6km AGL Wind Barbs

* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 68.4 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
(4 loose matches)	
SARS: 25% TOR	SARS: 0% SIG

MAF 12Z Day 1



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	2388	-47	458m	-7	2193m	41949'
MIXED LAYER	2004	-68	754m	-6	2892m	40475'
FCST SURFACE	3262	-4	1368m	-8	1729m	41949'
MU (867 mb)	2858	-18	426m	-7	1929m	41949'

PW = 0.80 .in	3CAPE = 4 J/kg	WBZ = 7055'	WNDG = 0.0
K = 16	DCAPE = 1028 J/kg	FZL = 11681'	ESP = 0.0
MidRH = 10%	DownT = 51 F	ConvT = 82F	MMP = 0.99
LowRH = 70%	MeanW = 12.7 g/kg	MaxT = 80F	NCAPE = 0.21
SigSevere = 44969 m3/s3			

Sfc-3km Agl Lapse Rate =	6.0 C/km
3-6km Agl Lapse Rate =	8.1 C/km
850-500mb Lapse Rate =	6.7 C/km
700-500mb Lapse Rate =	7.8 C/km

Supercell = 11.1
Left Supercell = 3.2
Sig Tor (CIN) = 1.7
Sig Tor (fixed) = 2.2
Sig Hail = 1.8

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	194	21	201/34	124/27
SFC - 3 km	296	41	218/32	120/18
Eff Inflow Layer	194	21	207/32	120/24
SFC - 6 km		44	222/38	144/15
Lower Half Storm Depth		44	224/38	141/14
Cloud Bearing Layer		53	227/45	172/15

BRN Shear = 55 m²/s²
4-6km SR Wind = 200/15 kt

.....Storm Motion Vectors.....
Bunkers Right = 245/38 kt
Bunkers Left = 207/47 kt

Corfidi Downshear = 237/65 kt
Corfidi Upshear = 257/20 kt

1km & 6km AGL Wind Barbs

* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 69.4 F.

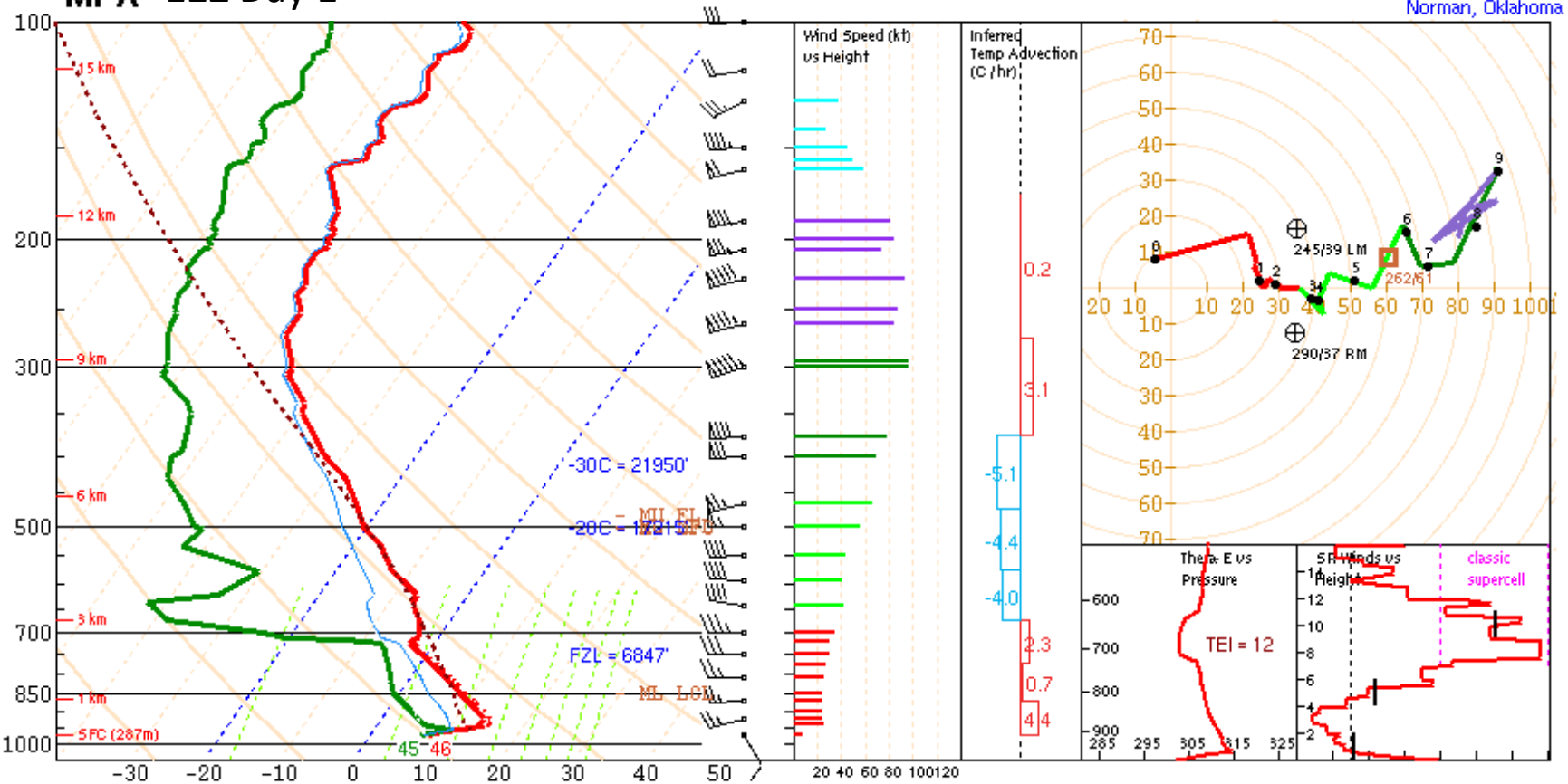
SARS - Sounding Analogs

SUPERCELL		SGFNT HAIL	
04032721.C33	WEAK	92062800.DDC	4.50
04042001.G#1	WEAK	01072100.GGW	4.50
99060123.SPI	WEAK	96052300.LBF	4.00
99080923.MKT	WEAK	98061400.OAX	3.00
01042304.JCT	NON	95062300.LBF	3.00
03043021.AIA	NON	04081000.DDC	3.00
04052323.BGM	NON	95062800.LBF	2.75
		95060300.AMA	2.75
		00072100.LBF	2.75
		04082400.BIS	2.00
(21 loose matches)		(71 loose matches)	
SARS: 67% TOR		SARS: 86% SIG	

NOAA/NWS Storm Prediction Center
Norman, Oklahoma

MPX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	103m	8	M	337'
MIXED LAYER	8	-130	1125m	2	2151m	8450'
FCST SURFACE	330	0	1768m	-2	1768m	26038'
MU (953 mb)	53	-128	351m	-0	5234m	18090'

PW = 0.53 .in	3CAPE = 8 J/kg	WBZ = 5837'	WNDG = 0.0
K = 8	DCAPE = 630 J/kg	FZL = 6847'	ESP = 0.0
MidRH = 28%	DownT = 46 F	ConvT = 68F	MMP = 0.95
LowRH = 64%	MeanW = 6.5 g/kg	MaxT = 71F	NCAPE = 0.02
SigSevere = 306 m3/s3			

Sfc-3km Agl Lapse Rate =	4.4 C/km
3-6km Agl Lapse Rate =	6.9 C/km
850-500mb Lapse Rate =	7.1 C/km
700-500mb Lapse Rate =	6.8 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	191	29	251/23	148/24
SFC - 3 km	255	49	264/26	152/18
SFC - 6 km		74	266/32	170/15
Cloud Bearing Layer		42	269/35	181/14

BRN Shear = 30 m²/s²
4-6km SR Wind = 227/27 kt

.....Storm Motion Vectors.....
Bunkers Right = 290/37 kt
Bunkers Left = 245/39 kt

Corfidi Downshear = 265/85 kt
Corfidi Upshear = 269/31 kt

1km & 6km AGL
Wind Barbs

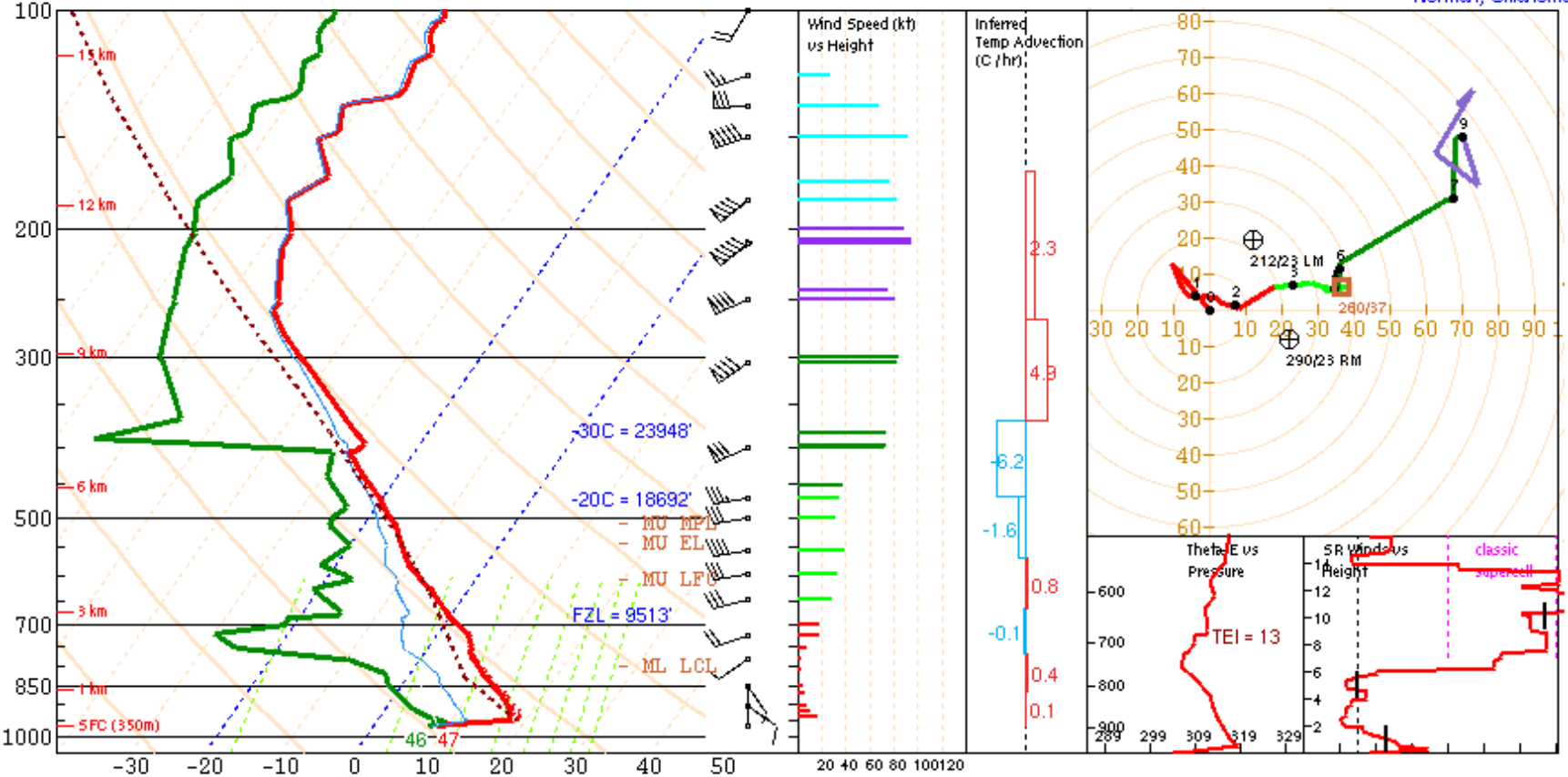
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 46.4 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

OAX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	103m	10	M	337'
MIXED LAYER	0	0	1579m	3	M	5179'
FCST SURFACE	140	-35	2303m	-1	3171m	22788'
MU (950 mb)	8	-268	1291m	1	3806m	15428'

PW = 0.53 .in	3CAPE = 0 J/kg	WBZ = 5912'	WNDG = 0.0
K = 5	DCAPE = 627 J/kg	FZL = 9513'	ESP = 0.0
MidRH = 19%	DownT = 48 F	ConvT = 82F	MMP = 0.85
LowRH = 49%	MeanW = 6.2 g/kg	MaxT = 77F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	3.4 C/km
3-6km Agl Lapse Rate =	7.3 C/km
850-500mb Lapse Rate =	7.2 C/km
700-500mb Lapse Rate =	7.3 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	10	5	134/9	117/32
SFC - 3 km	109	29	219/6	125/22
SFC - 6 km		38	248/15	148/16
Cloud Bearing Layer		30	256/21	174/13

BRN Shear = 67 m²/s²
4-6km SR Wind = 221/20 kt

.....Storm Motion Vectors.....
Bunkers Right = 290/23 kt
Bunkers Left = 212/23 kt

Corfidi Downshear = 251/79 kt
Corfidi Upshear = 256/41 kt

1km & 6km AGL Wind Barbs

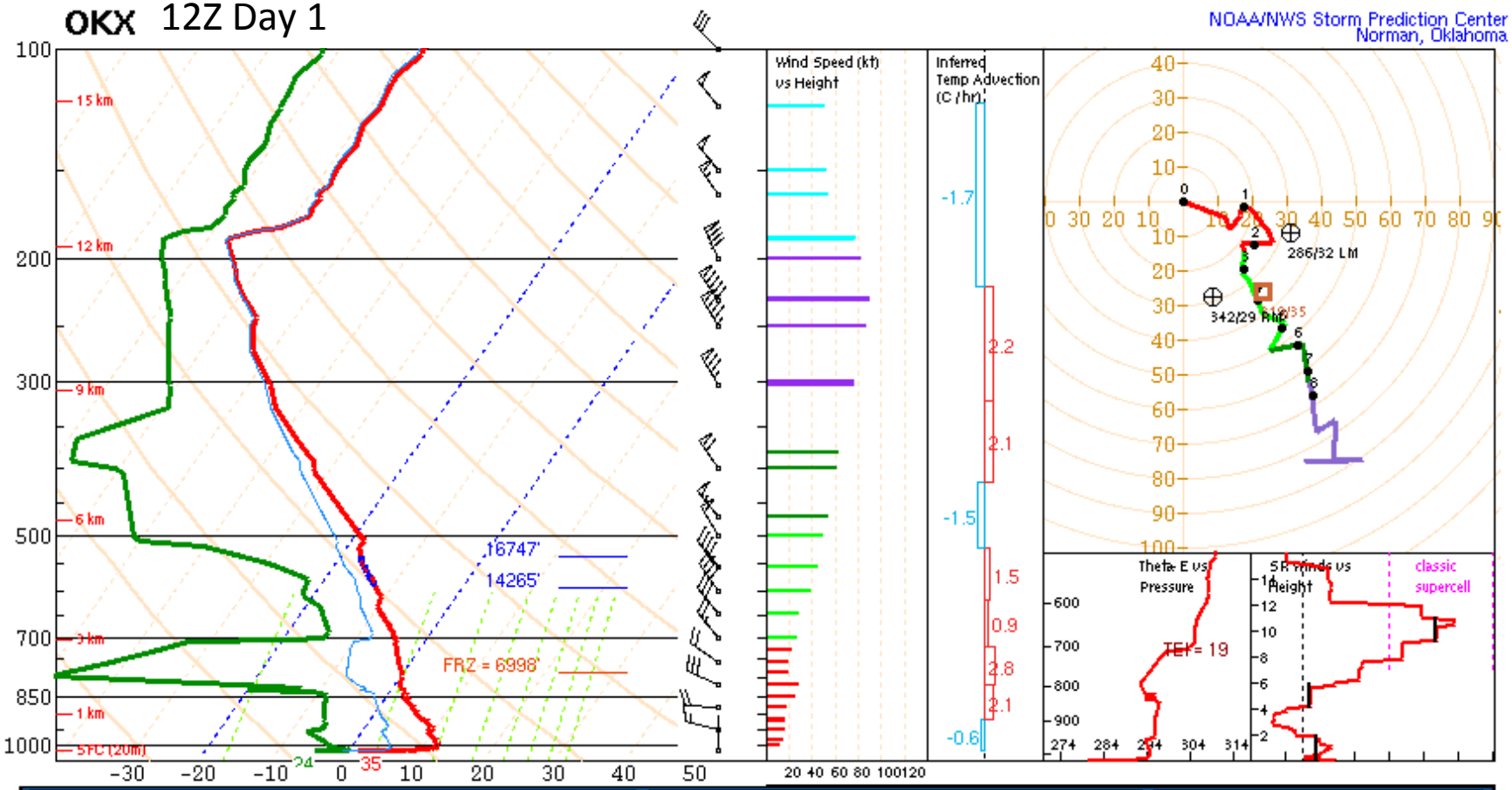
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 47.5 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

OKX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	776m	25	M	2546'
MIXED LAYER	0	0	2040m	15	M	6690'
FCST SURFACE	0	0	2622m	11	M	8599'
MU (613 mb)	0	0	5426m	6	M	17796'

PW = 0.31 .in	3CAPE = 0 J/kg	WBZ = M	WNDG = 0.0
K = 4	DCAPE = 499 J/kg	FZL = 6933'	ESP = 0.0
MidRH = 17%	DownT = 43 F	ConvT = M	MMP = 0.85
LowRH = 38%	MeanW = 3.0 g/kg	MaxT = 65F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	1.9 C/km
3-6km Agl Lapse Rate =	6.2 C/km
850-500mb Lapse Rate =	5.4 C/km
700-500mb Lapse Rate =	5.8 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	113	19	284/16	195/25
SFC - 3 km	176	27	296/19	204/21
SFC - 6 km		54	309/25	220/16

BRN Shear = 18 m²/s²
4-6km SR Wind = 299/22 kt

.....Storm Motion Vectors.....
Bunkers Right = 342/29 kt
Bunkers Left = 286/32 kt

Corfidi Downshear = 330/78 kt
Corfidi Upshear = 341/33 kt

1km & 6km AGL Wind Barbs

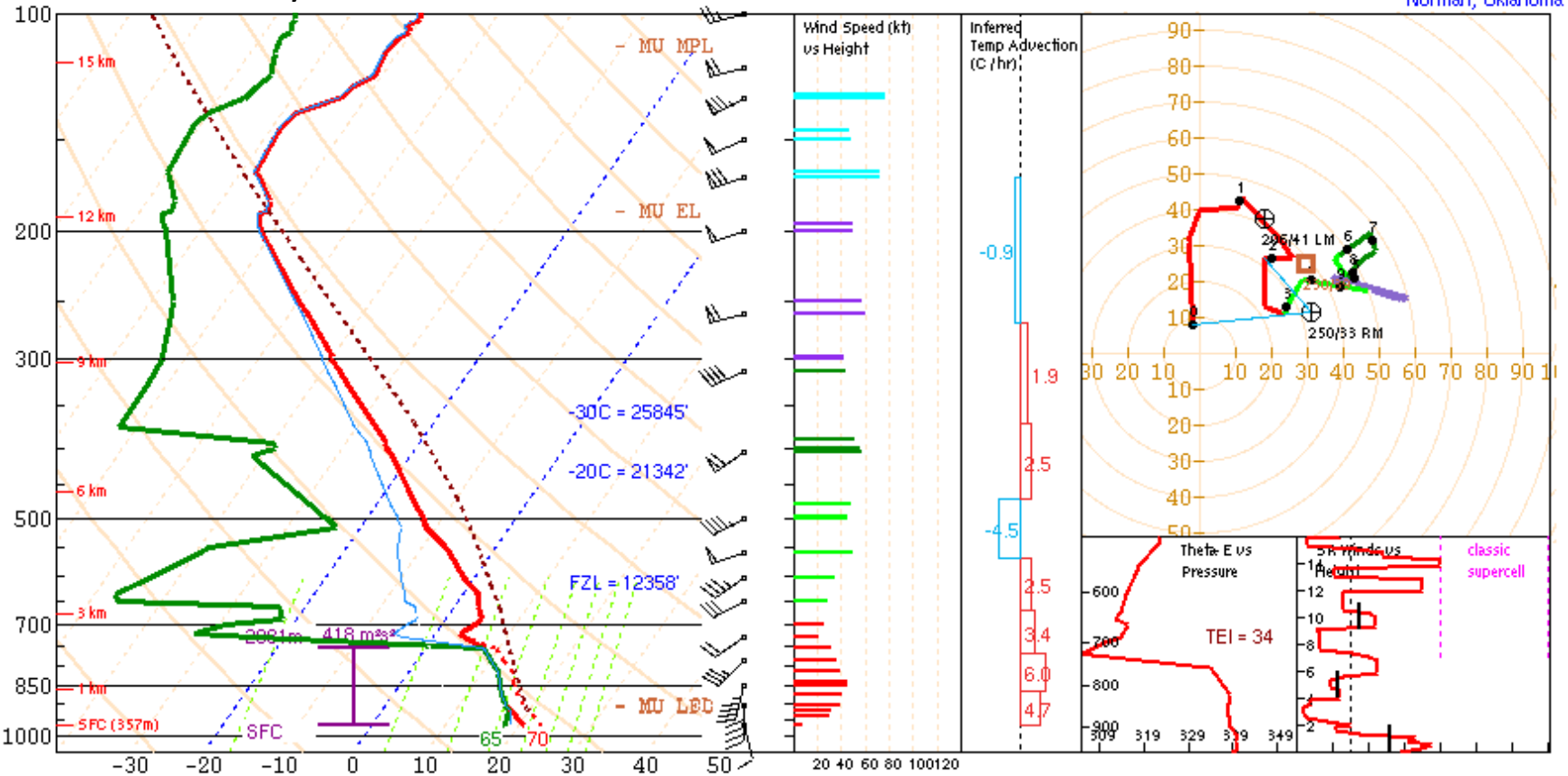
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 34.9 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

OUN 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	1531	-8	346m	-5	604m	40135'
MIXED LAYER	1630	0	541m	-5	541m	39700'
FCST SURFACE	2619	0	1003m	-7	1003m	42794'
MU (925 mb)	1805	-0	451m	-6	498m	39700'

PW = 1.15 .in	3CAPE = 153 J/kg	WBZ = 7496'	WNDG = 0.0
K = 6	DCAPE = 764 J/kg	FZL = 12358'	ESP = 0.0
MidRH = 15%	DownT = 53 F	ConvT = 72F	MMP = 0.86
LowRH = 96%	MeanW = 13.3 g/kg	MaxT = 79F	NCAPE = 0.14
SigSevere = 46792 m3/s3			

Sfc-3km Agl Lapse Rate =	6.3 C/km
3-6km Agl Lapse Rate =	7.0 C/km
850-500mb Lapse Rate =	6.5 C/km
700-500mb Lapse Rate =	6.4 C/km

Supercell = 15.1
Left Supercell = 7.7
Sig Tor (CIN) = 4.2
Sig Tor (fixed) = 3.9
Sig Hail = 1.3

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	411	38	185/35	130/37
SFC - 3 km	374	28	205/31	131/24
Eff Inflow Layer	418	28	199/34	136/29
SFC - 6 km		56	221/33	144/17
Lower Half Storm Depth		56	221/33	144/17
Cloud Bearing Layer		70	228/39	170/14

BRN Shear = 81 m²/s²
4-6km SR Wind = 226/16 kt

.....Storm Motion Vectors.....
Bunkers Right = 250/33 kt
Bunkers Left = 206/41 kt

Corfidi Downshear = 259/60 kt
Corfidi Upshear = 296/28 kt

1km & 6km AGL Wind Barbs

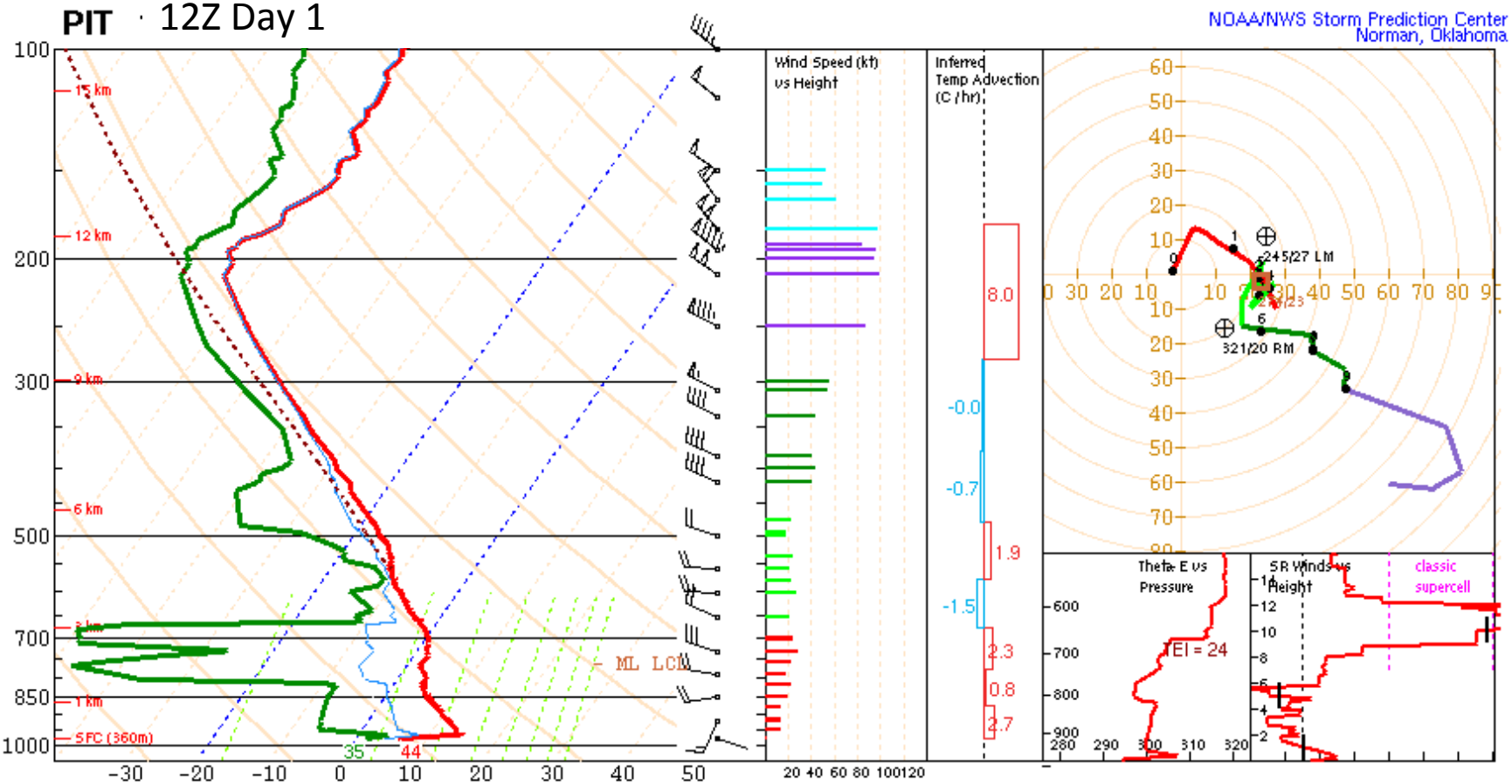
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 69.8 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
	94062500.HON 2.75
No Quality Matches	
(9 loose matches)	(20 loose matches)
SARS: 56% TOR	SARS: 60% SIG

PIT · 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	605m	17	M	1984'
MIXED LAYER	0	0	2048m	13	M	6715'
FCST SURFACE	0	0	2602m	10	M	8534'
MU (558 mb)	0	0	4752m	2	M	15586'

PW = 0.36 .in	3CAPE = 0 J/kg	WBZ = 4368'	WNDG = 0.0
K = -34	DCAPE = 467 J/kg	FZL = 9354'	ESP = 0.0
MidRH = 10%	DownT = 42 F	ConvT = 90F	MMP = 0.71
LowRH = 38%	MeanW = 3.4 g/kg	MaxT = 67F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	2.7 C/km
3-6km Agl Lapse Rate =	6.7 C/km
850-500mb Lapse Rate =	5.4 C/km
700-500mb Lapse Rate =	6.4 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	178	23	217/13	170/26
SFC - 3 km	220	25	263/16	192/17
SFC - 6 km		44	273/17	200/15

BRN Shear = 46 m²/s²
4-6km SR Wind = 230/13 kt

.....Storm Motion Vectors.....
Bunkers Right = 321/20 kt
Bunkers Left = 245/27 kt

Corfidi Downshear = 302/51 kt
Corfidi Upshear = 317/23 kt

1km & 6km AGL Wind Barbs

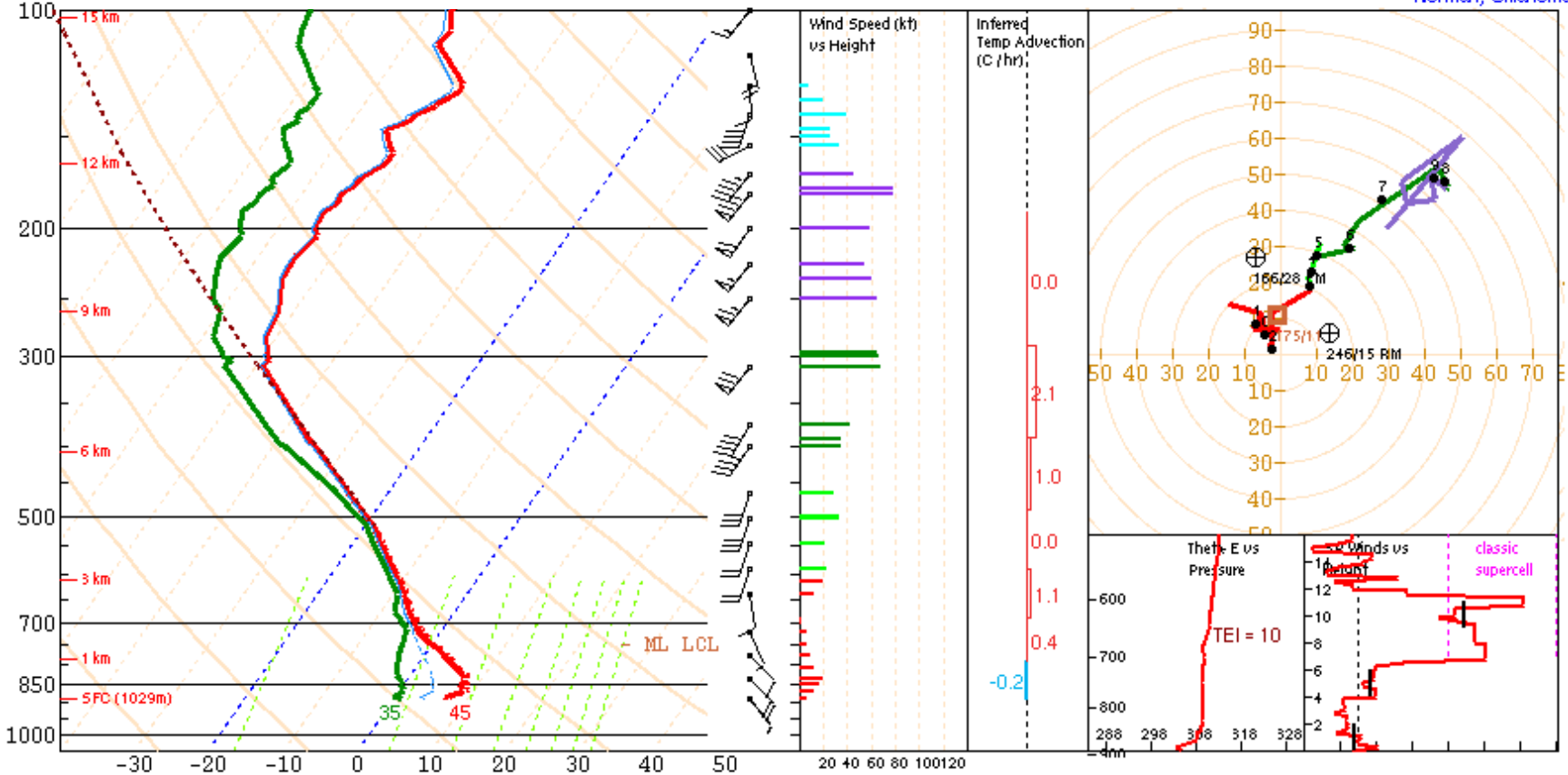
*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 43.5 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

RAP 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	761m	6	M	2495'
MIXED LAYER	0	0	1376m	3	M	4512'
FCST SURFACE	51	-4	1900m	0	6219m	22218'
MU (516 mb)	5	-1	4409m	0	5146m	22524'

PW = 0.54 .in	3CAPE = 20 J/kg	WBZ = 3749'	WNDG = 0.0
K = 27	DCAPE = 159 J/kg	FZL = 4678'	ESP = 0.0
MidRH = 90%	DownT = 44 F	ConvT = 60F	MMP = 0.76
LowRH = 60%	MeanW = 4.4 g/kg	MaxT = 60F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	6.1 C/km
3-6km Agl Lapse Rate =	7.6 C/km
850-500mb Lapse Rate =	7.1 C/km
700-500mb Lapse Rate =	6.6 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	5	3	145/14	104/22
SFC - 3 km	70	20	158/10	101/18
SFC - 6 km		35	185/15	125/15
Cloud Bearing Layer		39	212/38	194/27

BRN Shear = 15 m²/s²
4-6km SR Wind = 182/23 kt

.....Storm Motion Vectors.....
Bunkers Right = 246/15 kt
Bunkers Left = 166/28 kt

Corfidi Downshear = 217/46 kt
Corfidi Upshear = 231/21 kt

1km & 6km AGL
Wind Barbs

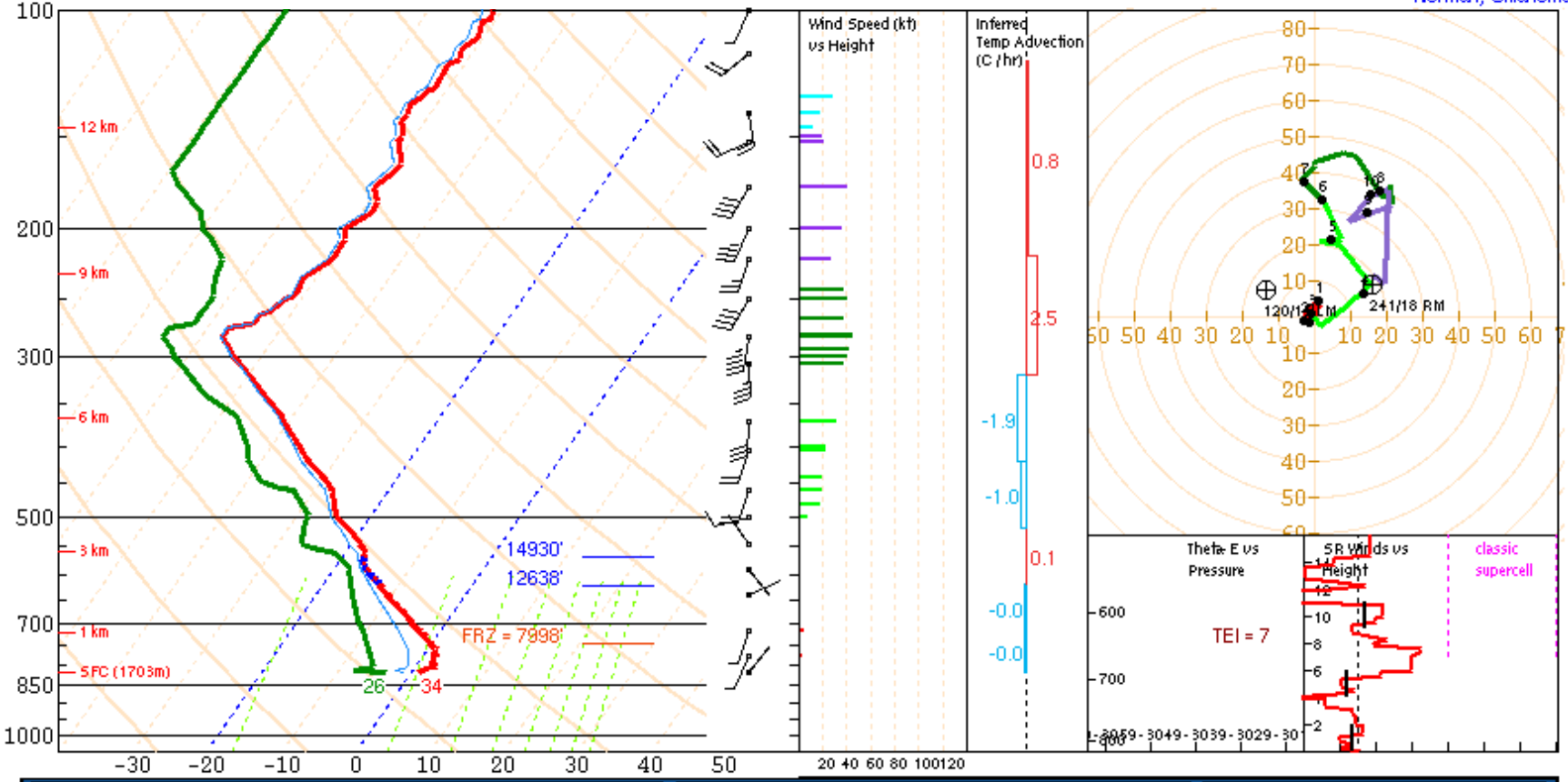
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 45.3 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

RIW 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	540m	3	M	1773'
MIXED LAYER	0	0	1501m	2	M	4922'
FCST SURFACE	81	0	1999m	-1	1999m	13907'
MU (456 mb)	0	0	5302m	-1	M	17388'

PW = 0.27 .in	3CAPE = 0 J/kg	WBZ = 0'	WNDG = 0.0
K = M	DCAPE = 183 J/kg	FZL = 2412'	ESP = 0.0
MidRH = 66%	DownT = 34 F	ConvT = 49F	MMP = 0.19
LowRH = 55%	MeanW = 2.8 g/kg	MaxT = 50F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	6.4 C/km
3-6km Agl Lapse Rate =	7.9 C/km
850-500mb Lapse Rate =	M
700-500mb Lapse Rate =	8.0 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	20	7	197/3	69/16
SFC - 3 km	-13	3	161/2	66/18
SFC - 6 km		39	190/6	79/15

BRN Shear = 1 m²/s²
4-6km SR Wind = 144/17 kt

.....Storm Motion Vectors.....
Bunkers Right = 241/18 kt
Bunkers Left = 120/15 kt

Corfidi Downshear = 9999/-9999 kt
Corfidi Upshear = 45/1339 kt

1km & 6km AGL
Wind Barbs

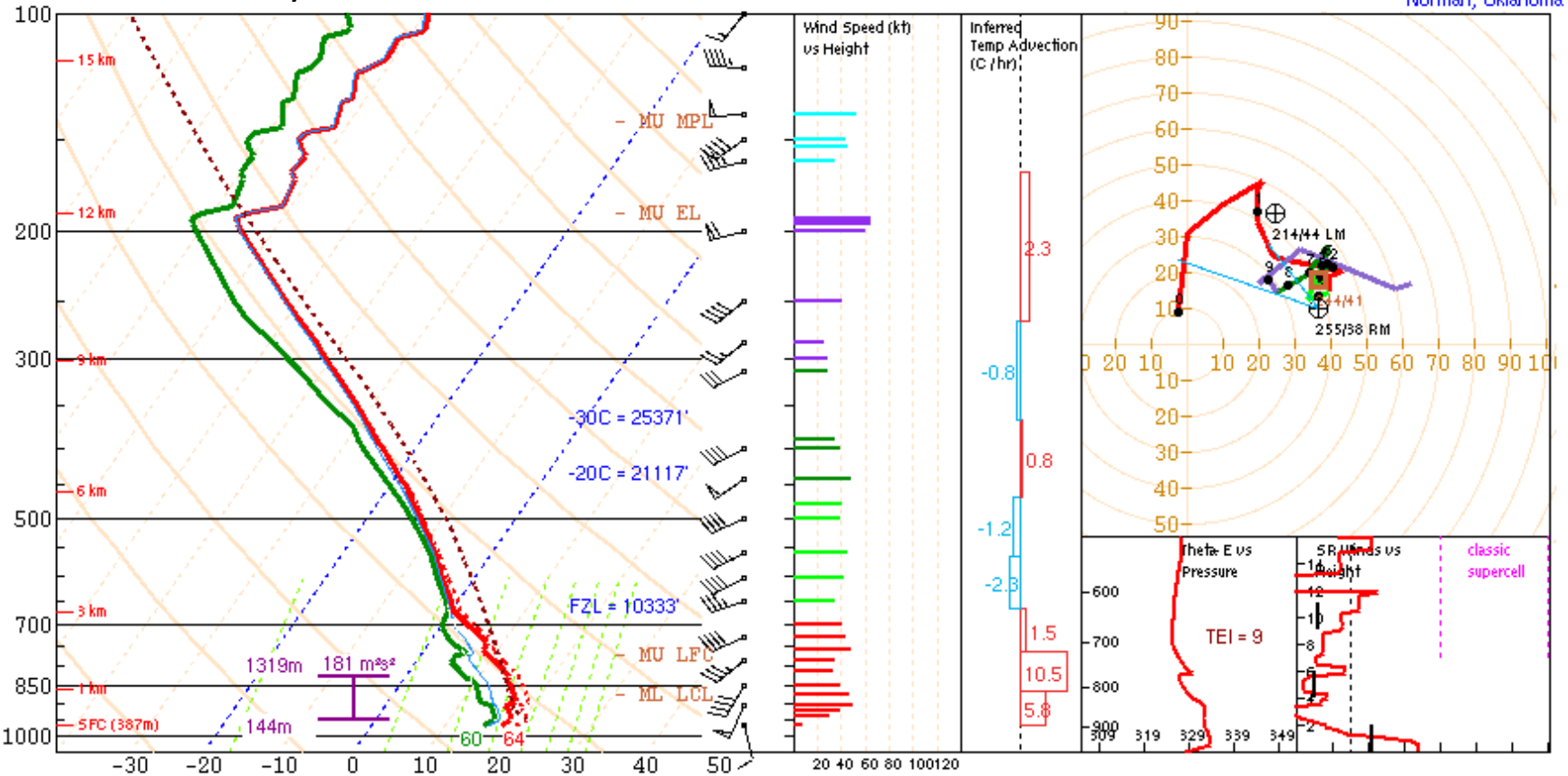
*** BEST GUESS PRECIP TYPE ***
Snow.
Based on sfc temperature of 34.2 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

SGF 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	53	-254	310m	-0	2887m	18984'
MIXED LAYER	830	-89	834m	-3	2412m	39413'
FCST SURFACE	2219	0	1517m	-6	1517m	39845'
MU (950 mb)	1019	-87	428m	-3	1885m	39413'

PW = 1.38 .in	3CAPE = 28 J/kg	WBZ = 10116'	WNDG = 0.0
K = 36	DCAPE = 377 J/kg	FZL = 10333'	ESP = 0.0
MidRH = 77%	DownT = 60 F	ConvT = 80F	MMP = 0.52
LowRH = 79%	MeanW = 11.4 g/kg	MaxT = 81F	NCAPE = 0.09
SigSevere = 19536 m3/s3			

Sfc-3km Agl Lapse Rate =	5.9 C/km
3-6km Agl Lapse Rate =	6.2 C/km
850-500mb Lapse Rate =	6.9 C/km
700-500mb Lapse Rate =	6.4 C/km

Supercell = 3.6
Left Supercell = 0.7
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.1
Sig Hail = 0.5

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	424	33	200/39	140/36
SFC - 3 km	461	36	224/36	145/20
Eff Inflow Layer	181	25	206/40	144/32
SFC - 6 km	46		230/37	151/16
Lower Half Storm Depth	39		230/38	154/16
Cloud Bearing Layer	38		235/40	163/14

BRN Shear = 77 m²/s²
4-6km SR Wind = 185/10 kt

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

Bunkers Right =	255/38 kt
Bunkers Left =	214/44 kt
Corfidi Downshear =	263/50 kt
Corfidi Upshear =	309/21 kt

1km & 6km AGL Wind Barbs

* * * BEST GUESS PRECIP TYPE * * *

Rain.

Based on sfc temperature of 64.0 F.

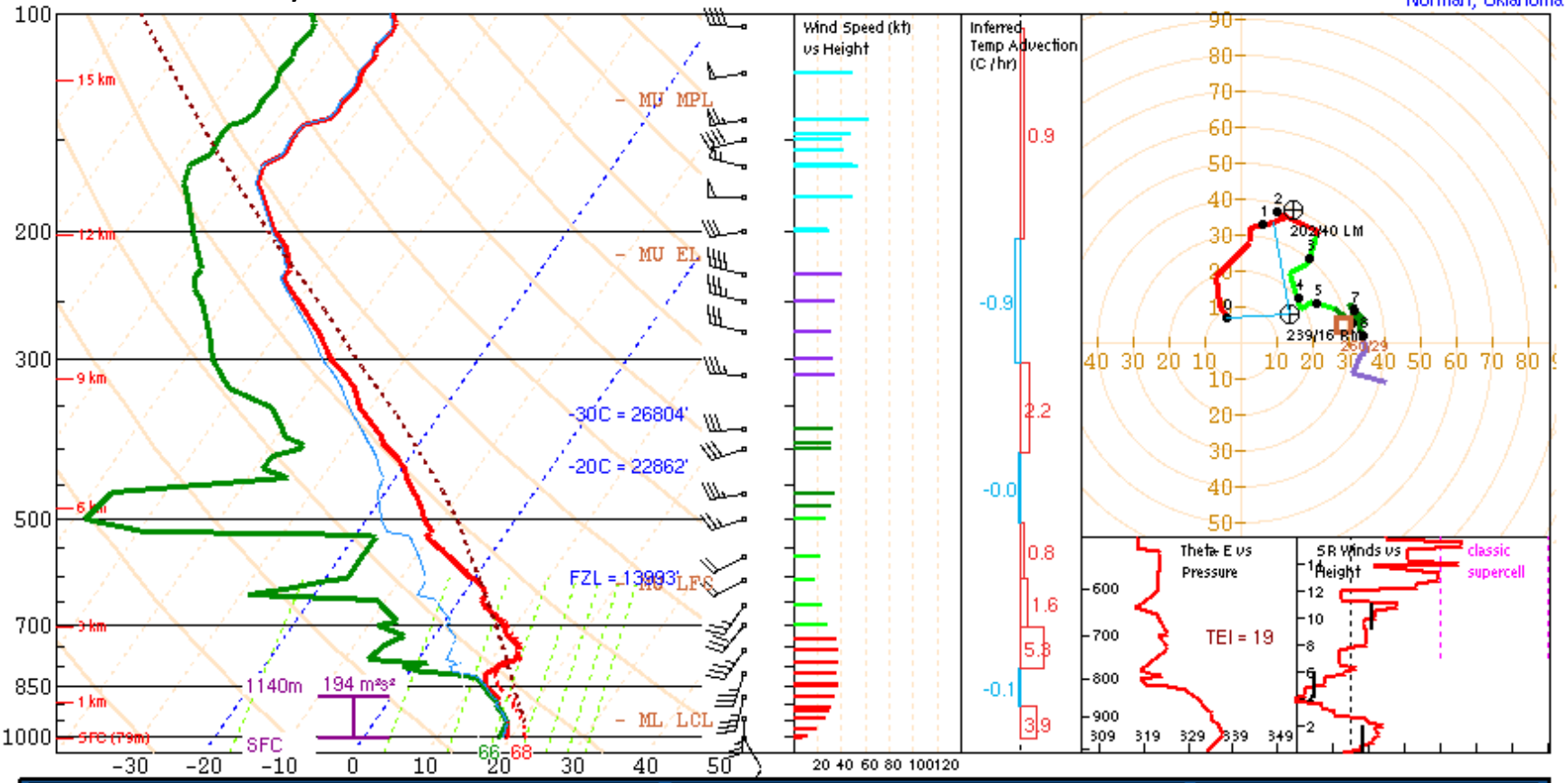
SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
03050721.ANB WEAK	90041100.AHN 1.50

(4 loose matches)
SARS: 25% SIG

SHV 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	509	-193	138m	-3	4409m	36730'
MIXED LAYER	752	-129	490m	-3	4277m	37093'
FCST SURFACE	1642	-35	973m	-6	3253m	41728'
MU (957 mb)	1005	-89	432m	-4	4118m	38035'

PW = 1.24 .in	3CAPE = 32 J/kg	WBZ = 10847'	WNDG = 0.0
K = 19	DCAPE = 857 J/kg	FZL = 13993'	ESP = 0.0
MidRH = 49%	DownT = 61 F	ConvT = 85F	MMP = 0.48
LowRH = 98%	MeanW = 13.4 g/kg	MaxT = 79F	NCAPE = 0.11
SigSevere = 13764 m3/s3			

Sfc-3km Agl Lapse Rate =	4.3 C/km
3-6km Agl Lapse Rate =	7.7 C/km
850-500mb Lapse Rate =	6.0 C/km
700-500mb Lapse Rate =	7.9 C/km

Supercell = 3.5
Left Supercell = 1.8
Sig Tor (CIN) = 0.3
Sig Tor (fixed) = 0.4
Sig Hail = 0.5

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	194	30	183/27	148/22
SFC - 3 km	286	27	197/31	168/22
Eff Inflow Layer	194	30	184/27	148/22
SFC - 6 km		36	208/27	177/16
Lower Half Storm Depth		36	209/27	178/15
Cloud Bearing Layer		36	222/27	201/13

BRN Shear = 26 m²/s²
4-6km SR Wind = 259/10 kt

.....Storm Motion Vectors.....
Bunkers Right = 239/16 kt
Bunkers Left = 202/40 kt

Corfidi Downshear = 270/43 kt
Corfidi Upshear = 307/24 kt

1km & 6km AGL Wind Barbs

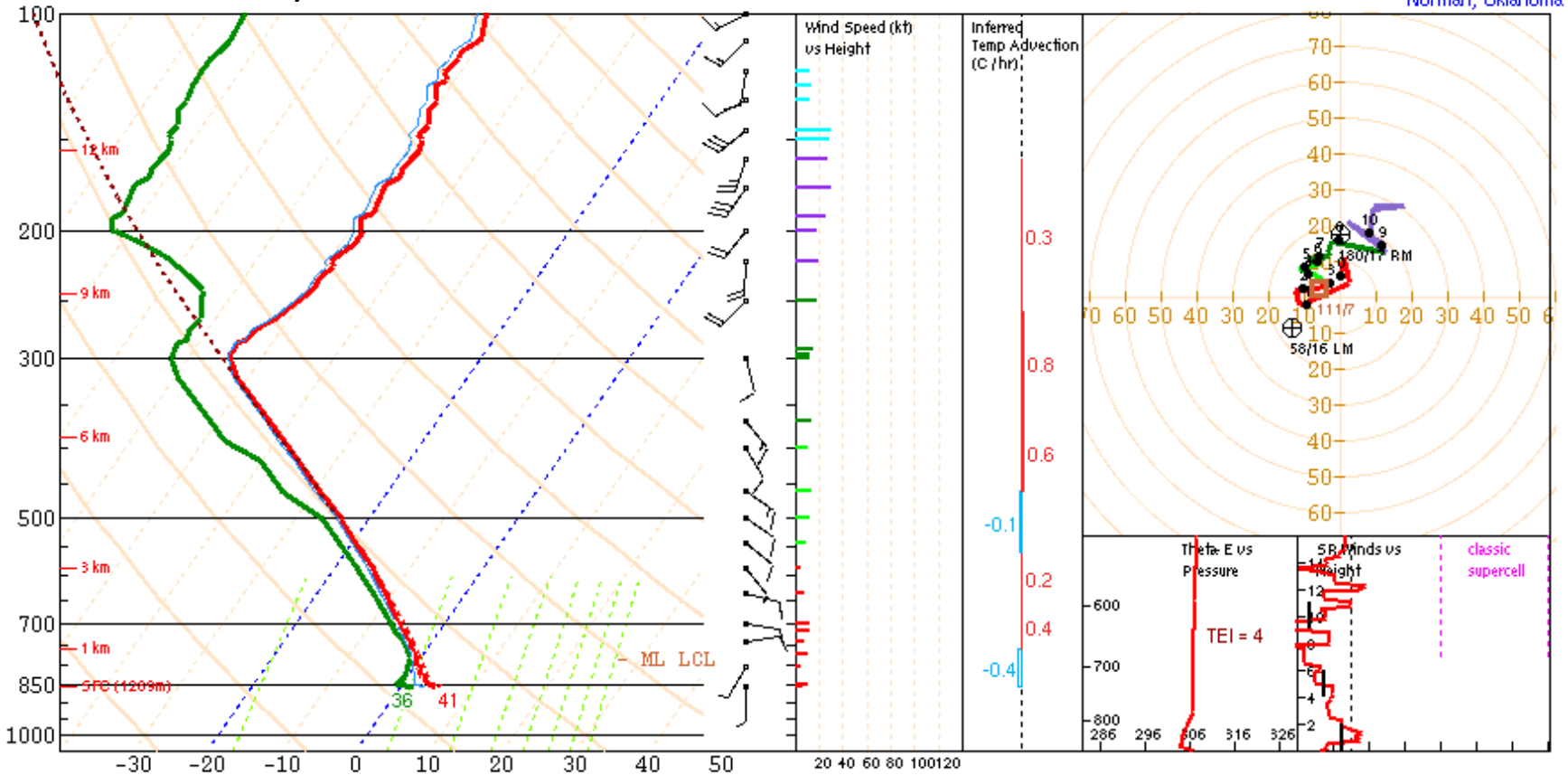
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 68.0 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
(1 loose matches)	(1 loose matches)
SARS: 100% TOR	SARS: 0% SIG

SLC 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	352m	1	M	1317'
MIXED LAYER	0	0	712m	2	M	2336'
FCST SURFACE	343	0	1196m	-1	1196m	25689'
MU (500 mb)	0	0	4492m	0	M	14733'

PW = 0.45 .in	3CAPE = 0 J/kg	WBZ = 1835'	WNDG = 0.0
K = 26	DCAPE = 17 J/kg	FZL = 2186'	ESP = 0.0
MidRH = 87%	DownT = 39 F	ConvT = 48F	MMP = 0.10
LowRH = 87%	MeanW = 4.5 g/kg	MaxT = 50F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	6.8 C/km
3-6km Agl Lapse Rate =	8.3 C/km
850-500mb Lapse Rate =	6.9 C/km
700-500mb Lapse Rate =	7.2 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	38	12	127/4	11/16
SFC - 3 km	53	8	108/6	20/17
SFC - 6 km		10	121/8	25/15

BRN Shear = 10 m²/s²
4-6km SR Wind = 44/12 kt

.....Storm Motion Vectors.....
Bunkers Right = 180/17 kt
Bunkers Left = 58/16 kt

Corfidi Downshear = 145/13 kt
Corfidi Upshear = 169/5 kt

1km & 6km AGL Wind Barbs

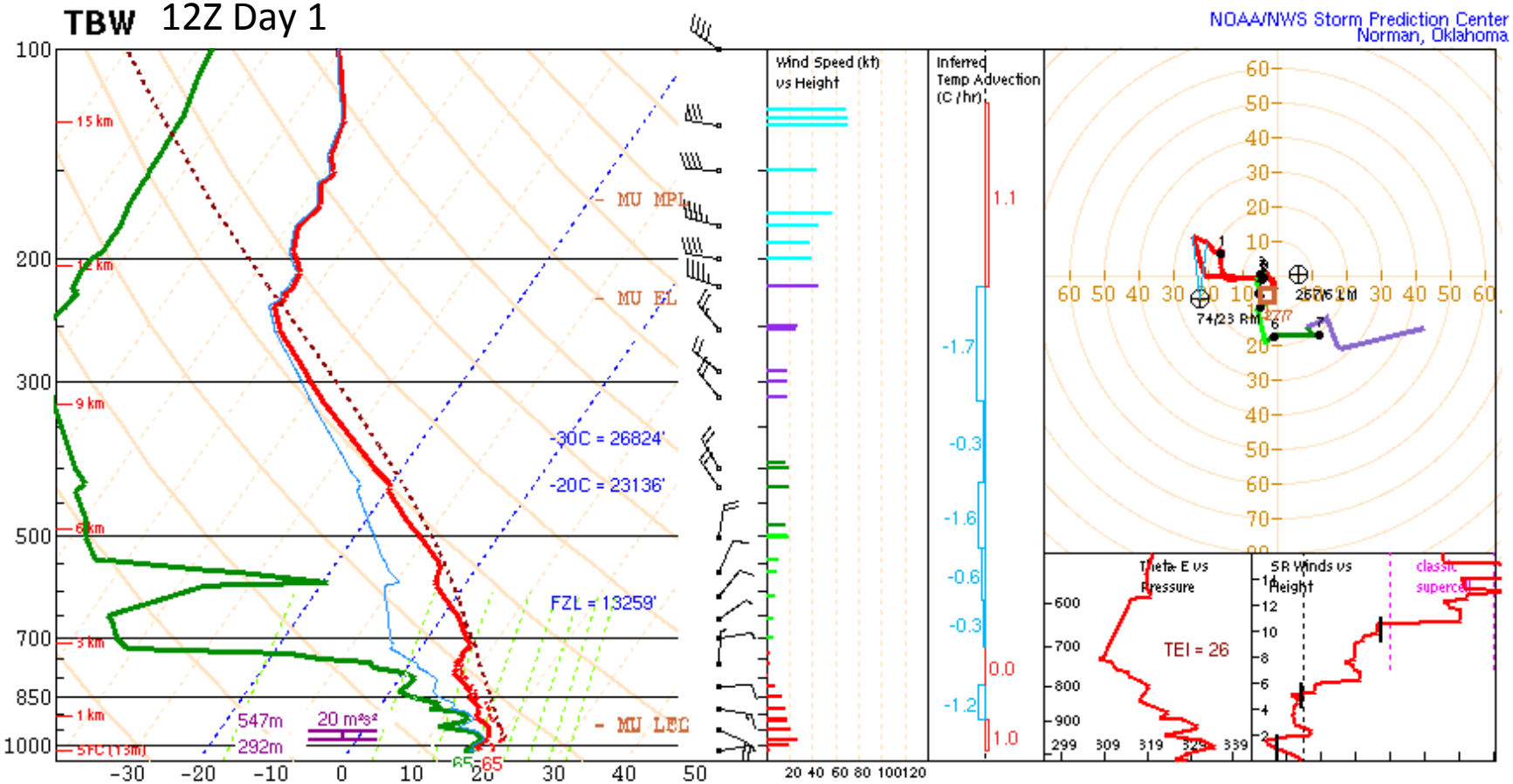
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 41.0 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

TBW 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	10	-77	64m	2	1918m	8421'
MIXED LAYER	17	-173	709m	1	9074m	30668'
FCST SURFACE	786	0	1241m	-1	1241m	37043'
MU (979 mb)	836	-3	441m	-2	746m	37043'

PW = 0.94 .in	3CAPE = 17 J/kg	WBZ = 8311'	WNDG = 0.0
K = -22	DCAPE = 873 J/kg	FZL = 13259'	ESP = 0.0
MidRH = 22%	DownT = 54 F	ConvT = 77F	MMP = 0.10
LowRH = 83%	MeanW = 11.6 g/kg	MaxT = 79F	NCAPE = 0.06
SigSevere = 148 m3/s3			

Sfc-3km Agl Lapse Rate =	4.7 C/km
3-6km Agl Lapse Rate =	6.4 C/km
850-500mb Lapse Rate =	5.6 C/km
700-500mb Lapse Rate =	6.2 C/km

Supercell = 0.3
Left Supercell = -0.1
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.1

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	1	13	109/20	195/13
SFC - 3 km	23	2	100/12	230/13
Eff Inflow Layer	20	5	115/22	188/16
SFC - 6 km	17	80/9	249/14	
Lower Half Storm Depth	37	80/9	249/14	
Cloud Bearing Layer	67	40/6	264/18	

BRN Shear = 26 m²/s²
4-6km SR Wind = 287/19 kt

.....Storm Motion Vectors.....
Bunkers Right = 74/23 kt
Bunkers Left = 267/6 kt

Corfidi Downshear = 319/30 kt
Corfidi Upshear = 306/23 kt

1km & 6km AGL Wind Barbs

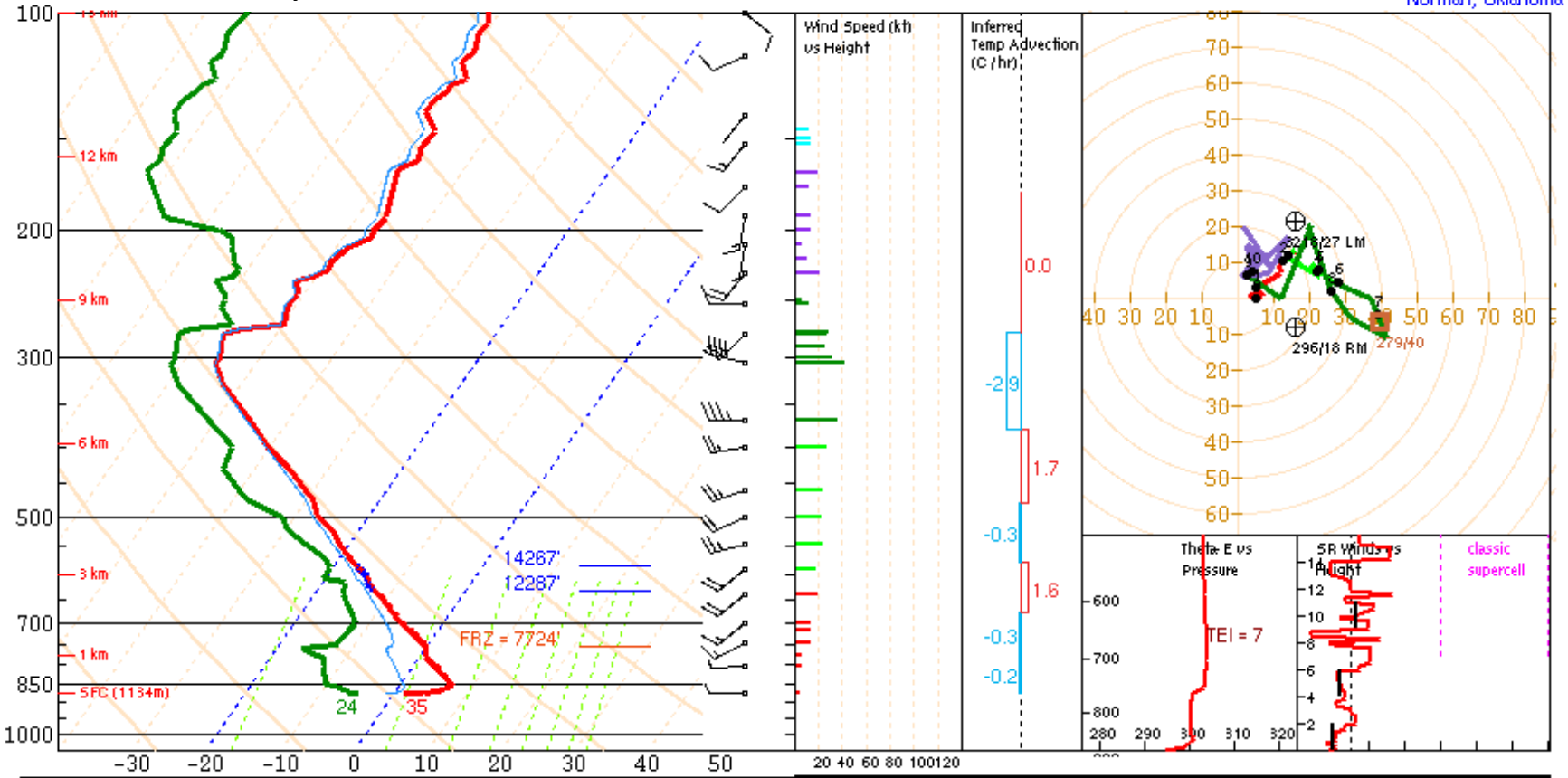
*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 65.5 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
	(3 loose matches)
	SARS: 0% SIG

TFX 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	0	0	766m	6	M	2512'
MIXED LAYER	0	0	2058m	3	M	6749'
FCST SURFACE	25	-19	2591m	-0	5592m	24437'
MU (700 mb)	2	-39	2569m	-0	6012m	24107'

PW = 0.27 .in	3CAPE = 0 J/kg	WBZ = 0'	WNDG = 0.0
K = 18	DCAPE = 211 J/kg	FZL = 4005'	ESP = 0.0
MidRH = 65%	DownT = 38 F	ConvT = 56F	MMP = 0.40
LowRH = 36%	MeanW = 2.3 g/kg	MaxT = 55F	NCAPE = 0.00
SigSevere = 0 m3/s3			

Sfc-3km Agl Lapse Rate =	5.6 C/km
3-6km Agl Lapse Rate =	8.7 C/km
850-500mb Lapse Rate =	8.3 C/km
700-500mb Lapse Rate =	8.5 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.0
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	9	3	257/6	130/14
SFC - 3 km	54	15	236/12	156/16
SFC - 6 km		32	246/16	173/14
Cloud Bearing Layer		36	256/25	208/16

BRN Shear = 17 m²/s²
4-6km SR Wind = 207/17 kt

.....Storm Motion Vectors.....
Bunkers Right = 296/18 kt
Bunkers Left = 218/27 kt

Corfidi Downshear = 260/34 kt
Corfidi Upshear = 264/13 kt

1km & 6km AGL
Wind Barbs

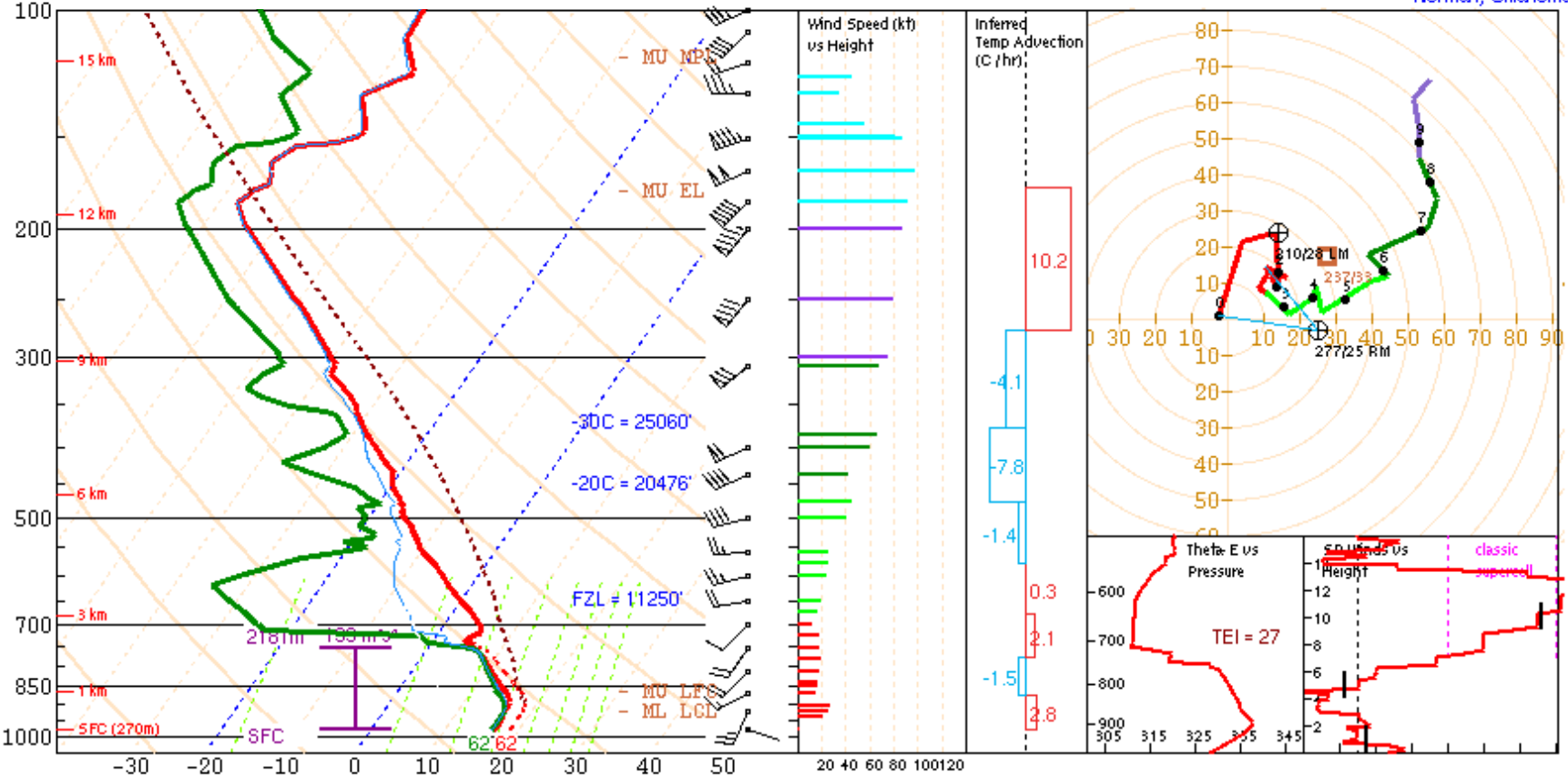
* * * BEST GUESS PRECIP TYPE * * *
Snow.
Based on sfc temperature of 34.9 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

TOP 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	275	-171	39m	-3	8508m	28965'
MIXED LAYER	1371	-27	487m	-6	1559m	40678'
FCST SURFACE	2884	0	1179m	-9	1179m	41241'
MU (896 mb)	2159	-1	810m	-7	998m	40789'

PW = 1.18 .in	3CAPE = 88 J/kg	WBZ = 8294'	WNDG = 0.0
K = 12	DCAPE = 872 J/kg	FZL = 11250'	ESP = 0.0
MidRH = 36%	DownT = 52 F	ConvT = 75F	MMP = 0.92
LowRH = 96%	MeanW = 12.6 g/kg	MaxT = 80F	NCAPE = 0.13
SigSevere = 31873 m3/s3			

Sfc-3km Agl Lapse Rate =	5.2 C/km
3-6km Agl Lapse Rate =	7.2 C/km
850-500mb Lapse Rate =	7.1 C/km
700-500mb Lapse Rate =	7.6 C/km

Supercell = 8.6
Left Supercell = 2.5
Sig Tor (CIN) = 1.4
Sig Tor (fixed) = 0.3
Sig Hail = 1.7

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	196	18	208/19	142/25
SFC - 3 km	163	20	220/17	138/21
Eff Inflow Layer	199	19	217/18	141/22
SFC - 6 km	45		238/20	150/16
Lower Half Storm Depth	45		237/20	149/16
Cloud Bearing Layer	82		237/32	185/20

BRN Shear = 32 m²/s²
4-6km SR Wind = 218/16 kt

.....Storm Motion Vectors.....
Bunkers Right = 277/25 kt
Bunkers Left = 210/28 kt

Corfidi Downshear = 248/56 kt
Corfidi Upshear = 262/21 kt

1km & 6km AGL Wind Barbs

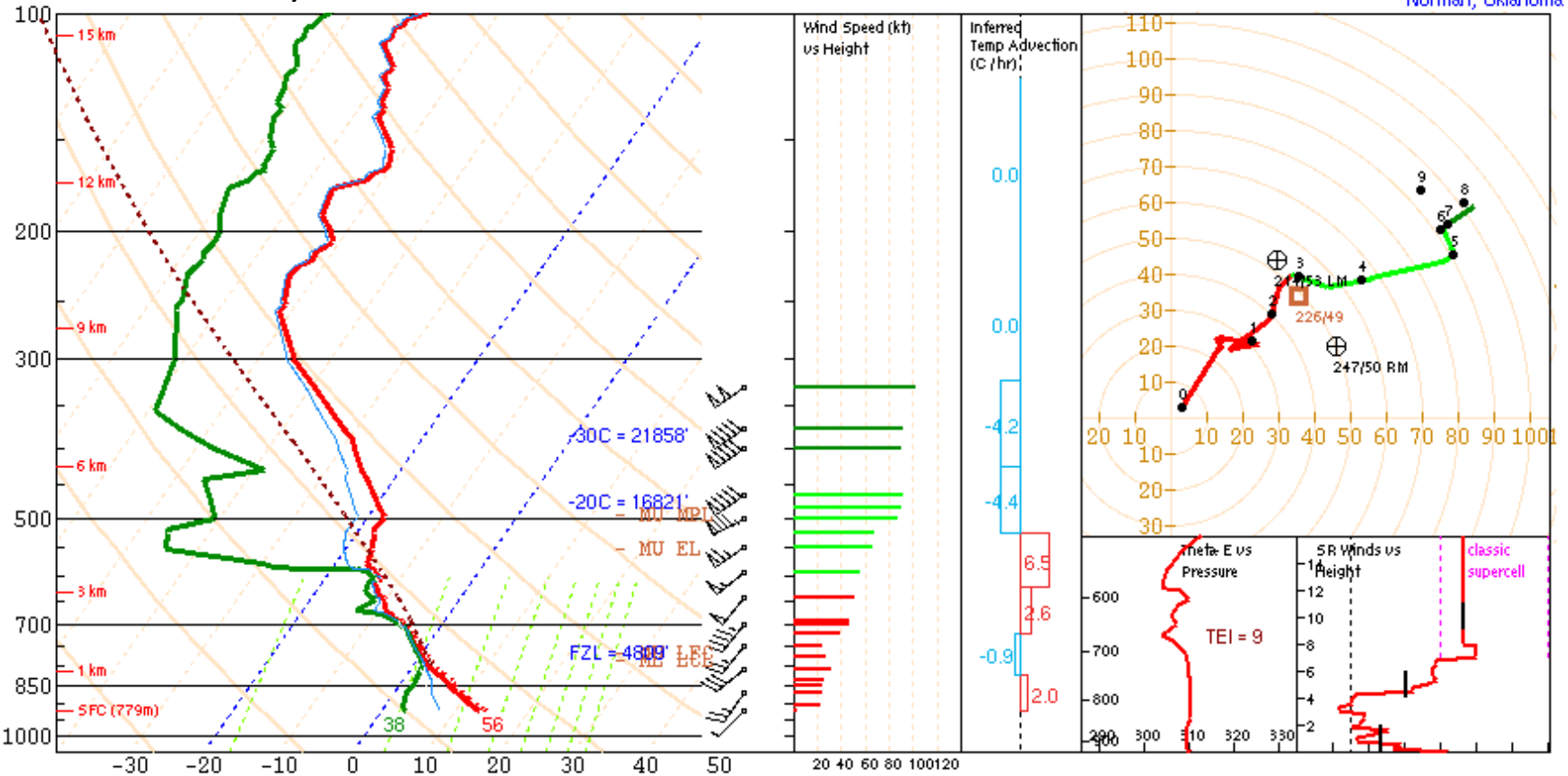
* * * BEST GUESS PRECIP TYPE * * *
Rain.
Based on sfc temperature of 62.2 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
	90052300.HON 1.75
No Quality Matches	
(10 loose matches)	(40 loose matches)
SARS: 60% TOR	SARS: 80% SIG

TUS 12Z Day 1

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	84	-4	1211m	5	1659m	13215'
MIXED LAYER	58	-11	1260m	5	1964m	12816'
FCST SURFACE	186	0	1527m	4	1527m	13895'
MU (797 mb)	94	-1	1235m	5	1458m	13215'

PW = 0.57 .in	3CAPE = 40 J/kg	WBZ = 4728'	WNDG = 0.0
K = 27	DCAPE = 140 J/kg	FZL = 4809'	ESP = 0.0
MidRH = 78%	DownT = 46 F	ConvT = 57F	MMP = 0.90
LowRH = 70%	MeanW = 5.2 g/kg	MaxT = 60F	NCAPE = 0.03
SigSevere = 2621 m3/s3			

Sfc-3km Agl Lapse Rate =	8.6 C/km
3-6km Agl Lapse Rate =	4.9 C/km
850-500mb Lapse Rate =	6.2 C/km
700-500mb Lapse Rate =	5.1 C/km

Supercell = 0.0
Left Supercell = 0.0
Sig Tor (CIN) = 0.0
Sig Tor (fixed) = 0.1
Sig Hail = 0.0

	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	159	28	218/25	90/31
SFC - 3 km	333	53	221/33	102/25
SFC - 6 km		87	228/44	126/16
Cloud Bearing Layer		40	226/46	134/18

BRN Shear = 67 m²/s²
4-6km SR Wind = 222/35 kt

.....Storm Motion Vectors.....
Bunkers Right = 247/50 kt
Bunkers Left = 214/53 kt

Corfidi Downshear = 234/88 kt
Corfidi Upshear = 240/32 kt

1km & 6km AGL Wind Barbs

*** BEST GUESS PRECIP TYPE ***
Rain.
Based on sfc temperature of 56.5 F.

SARS - Sounding Analogs

SUPERCELL	SGFNT HAIL
No Quality Matches	No Quality Matches