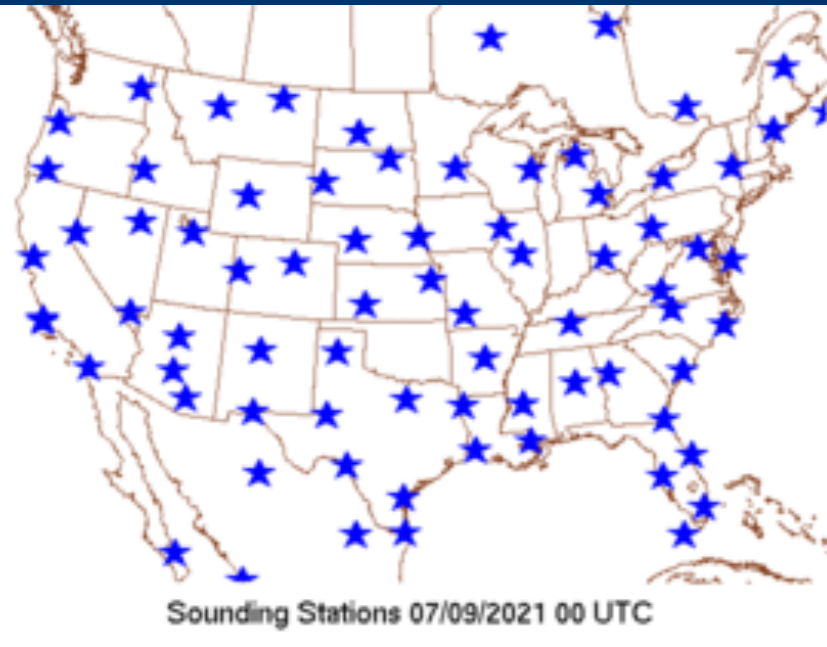


Sounding Analysis Page

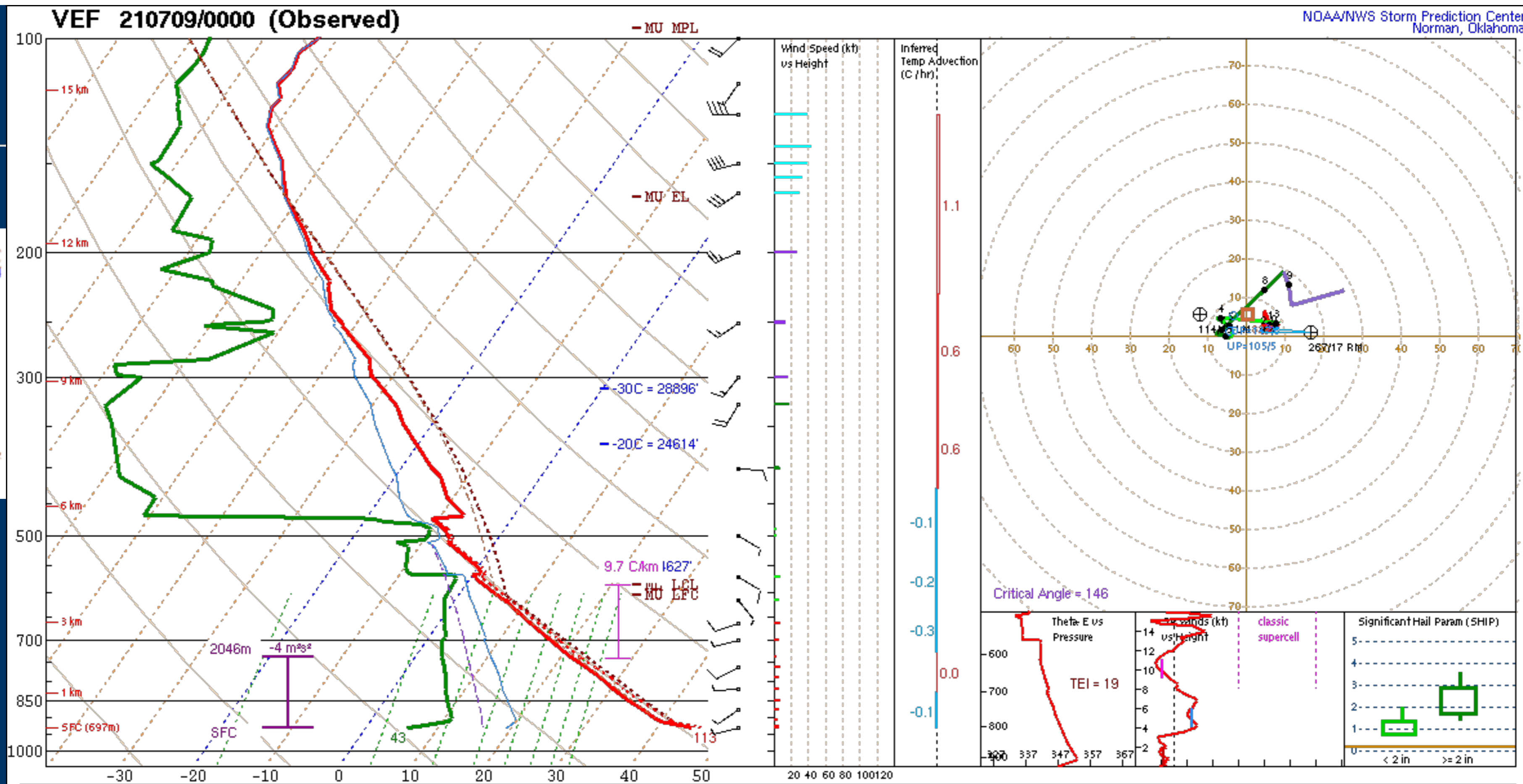
NWS / Storm Prediction Center
Norman, Oklahoma

Observed Radiosonde Data
07/09/2021 00 UTC



Click on any blue star to display that sounding

[Choose another date/time period](#)



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	325	0	4756m	-3	4756m	36369'
MIXED LAYER	897	-6	3988m	-4	3988m	39571'
FCST SURFACE	1128	-1	4136m	-5	4136m	41373'
MU (903 mb)	1254	0	3735m	-5	3735m	42453'

PW = 1.17 in	3CAPE = 0 J/kg	WBZ = 13305'	WNDG = 0.1
K = 34	DCAPE = 2084 J/kg	FZL = 14627'	ESP = 0.0
MidRH = 40%	DownT = 62 F	ConvT = 113F	MMP = 0.05
LowRH = 18%	MeanW = 8.4 g/kg	MaxT = 111F	NCAPE = 0.14
SigSevere = 5739 m3/s3			

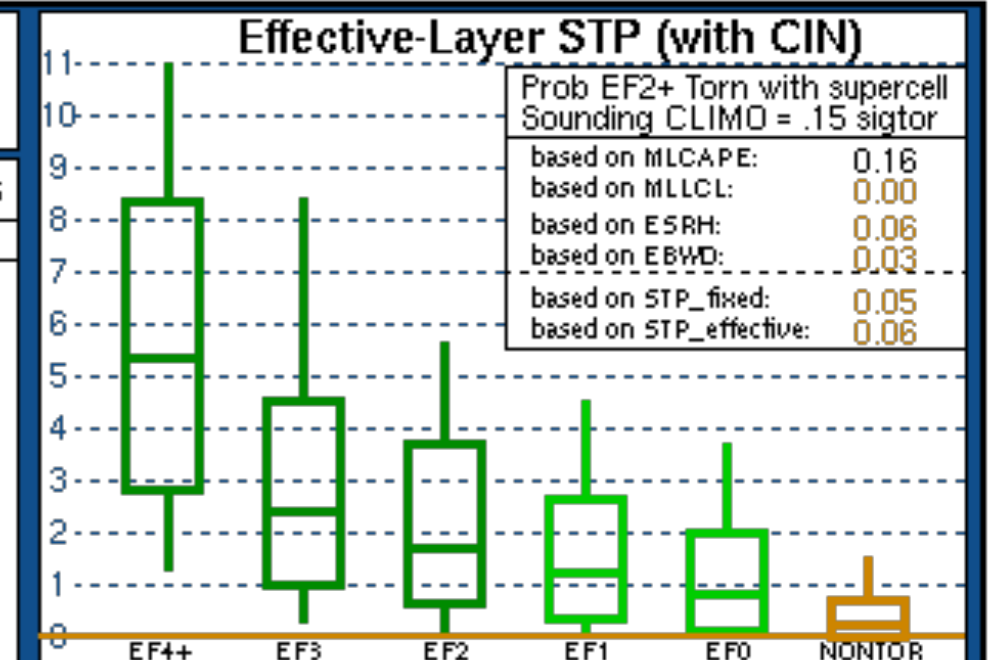
Sfc-3km Agl Lapse Rate = 10.8 C/km	Supercell = -0.0
3-6km Agl Lapse Rate = 7.0 C/km	Left Supercell = 0.0
850-500mb Lapse Rate = 9.2 C/km	STP (eff layer) = -0.0
700-500mb Lapse Rate = 8.8 C/km	STP (fix layer) = 0.0
	Sig Hail = 0.1

SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	4	1	233/6 105/12
SFC - 3 km	2	2	246/6 100/11
Eff Inflow Layer	-4	3	244/6 101/11
SFC - 6 km		12	223/4 98/14
SFC - 8 km		10	215/3 98/15
LCL - EL (Cloud Layer)		25	183/5 105/17
Eff Shear (EBWD)		14	221/3 98/14
BRN Shear = 1 m/s²			
4-6km SR Wind = 95/22 kt			

.....Storm Motion Vectors.....
Bunkers Right = 267/17 kt
Bunkers Left = 114/13 kt
Corfidi Downshear = 147/6 kt
Corfidi Upshear = 105/5 kt

*** BEST GUESS PRECIP TYPE ***
None.
Based on sfc temperature of 113.0 F.

SARS - Sounding Analogs	
SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
SARS: 0% TOR	(18 loose matches) SARS: 0% SIG



VEF Tabular Data

Click [here](#) for a description of this page.

Contacts for this resource: [John Hart](#) and [Rich Thompson](#)