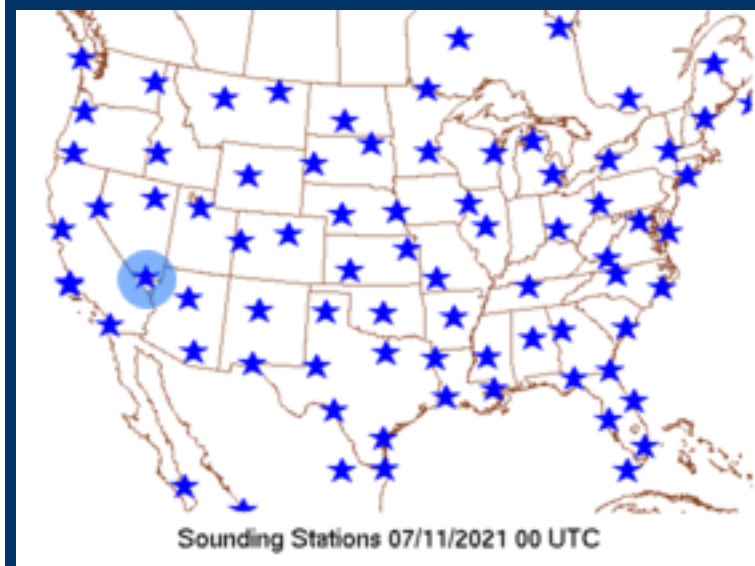


Sounding Analysis Page

NWS / Storm Prediction Center
Norman, Oklahoma

Observed Radiosonde Data 07/11/2021 00 UTC

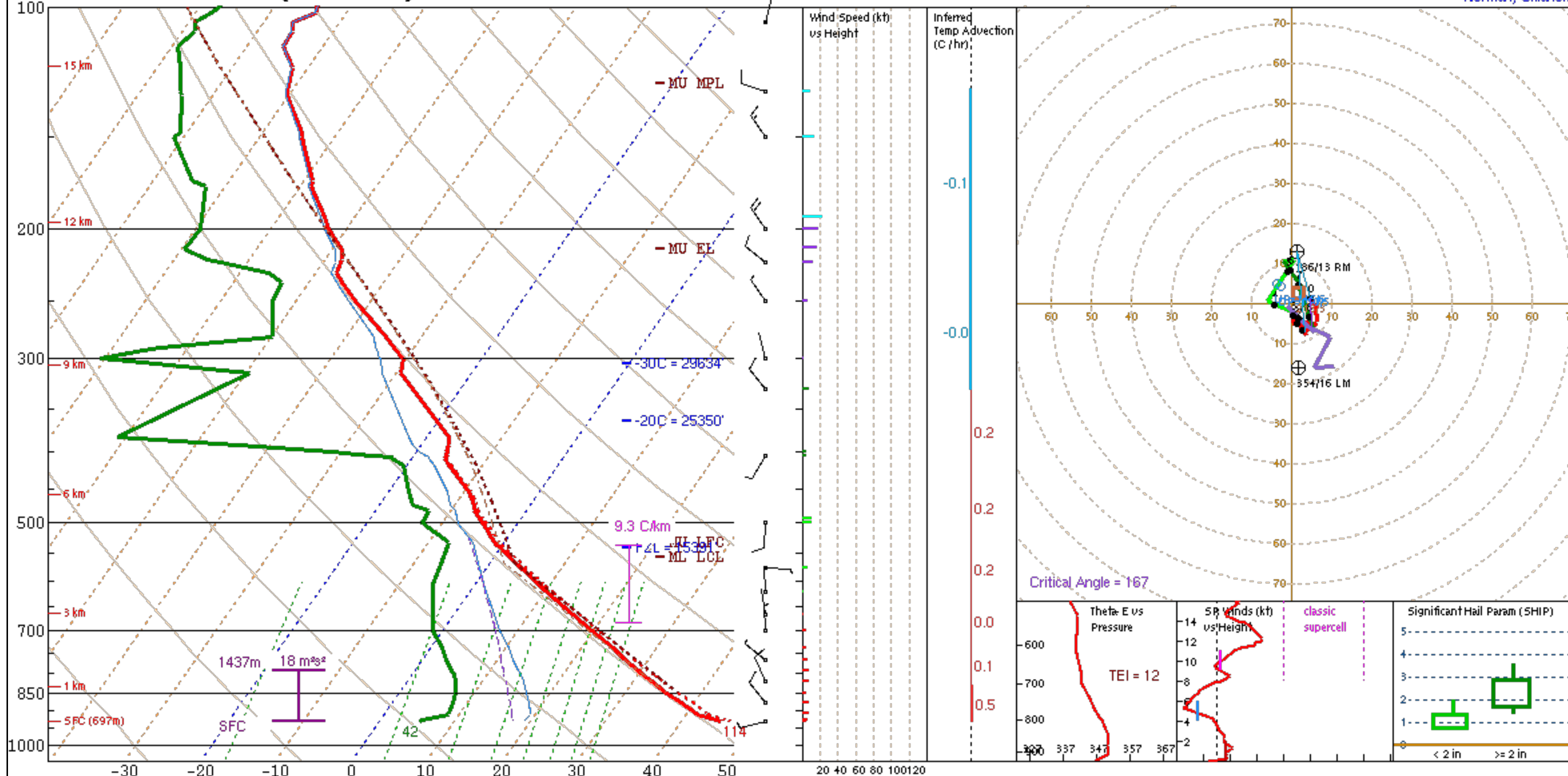


Click on any blue star to display that sounding

[Choose another date/time period](#)

VEF 210711/0000 (Observed)

NOAA/NWS Storm Prediction Center
Norman, Oklahoma



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	144	-0	4914m	-0	9740m	36497'
MIXED LAYER	448	-40	4430m	-1	4811m	36889'
FCST SURFACE	699	0	4619m	-2	4619m	38941'
MU (850 mb)	578	-51	4298m	-2	4811m	37590'

PW = 1.08 in	3CAPE = 0 J/kg	WBZ = 13234'	WNDG = 0.0
K = 27	DCAPE = 2168 J/kg	FZL = 15391'	ESP = 0.0
MidRH = 27%	DownT = 64 F	ConvT = 114F	MMP = 0.03
LowRH = 15%	MeanW = 7.4 g/kg	MaxT = 114F	NCAPE = 0.09
SigSevere = 1986 m3/s3			

Sfc-3km Agl Lapse Rate = 10.0 C/km	Supercell = 0.0
3-6km Agl Lapse Rate = 8.2 C/km	Left Supercell = 0.0
850-500mb Lapse Rate = 9.0 C/km	STP (eff layer) = 0.0
700-500mb Lapse Rate = 8.9 C/km	STP (fix layer) = 0.0
	Sig Hail = 0.0

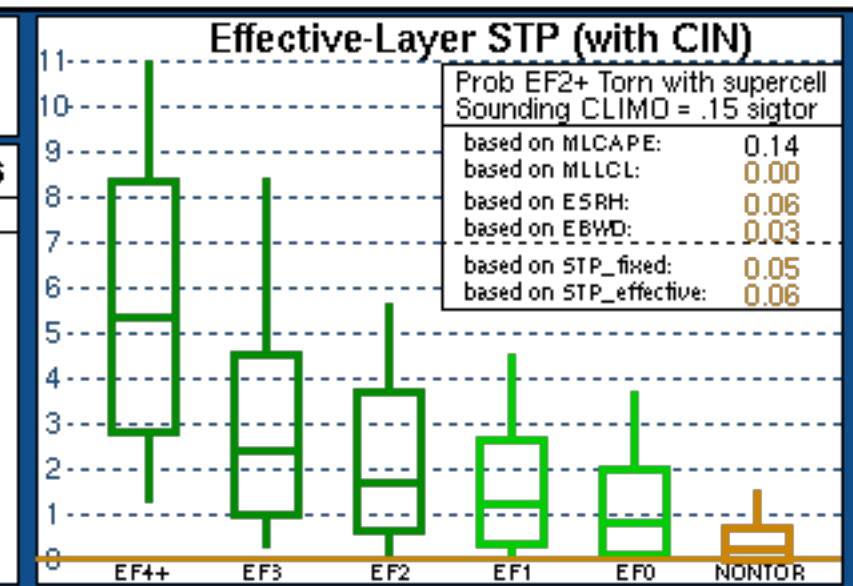
	SRH(m2/s2)	Shear(kt)	MnWind	SRW
SFC - 1 km	20	8	315/6	350/18
SFC - 3 km	29	6	327/6	354/18
Eff Inflow Layer	18	9	321/7	351/19
SFC - 6 km		9	322/3	360/15
SFC - 8 km		5	311/2	359/15
LCL - EL (Cloud Layer)		19	210/3	359/10
Eff Shear (EBWD)		10	324/3	359/16
BRN Shear = 3 m/s²				
4-6km SR Wind = 29/8 kt				
.....Storm Motion Vectors.....				
Bunkers Right = 186/13 kt				
Bunkers Left = 354/16 kt				
Corfidi Downshear = 150/5 kt				
Corfidi Upshear = 145/6 kt				

*** BEST GUESS PRECIP TYPE ***

None.
Based on sfc temperature of 114.1 F.

SARS - Sounding Analogs

SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches
SARS: 0% TOR	(2 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](#)