

Sounding Analysis Page

NWS / Storm Prediction Center
Norman, Oklahoma

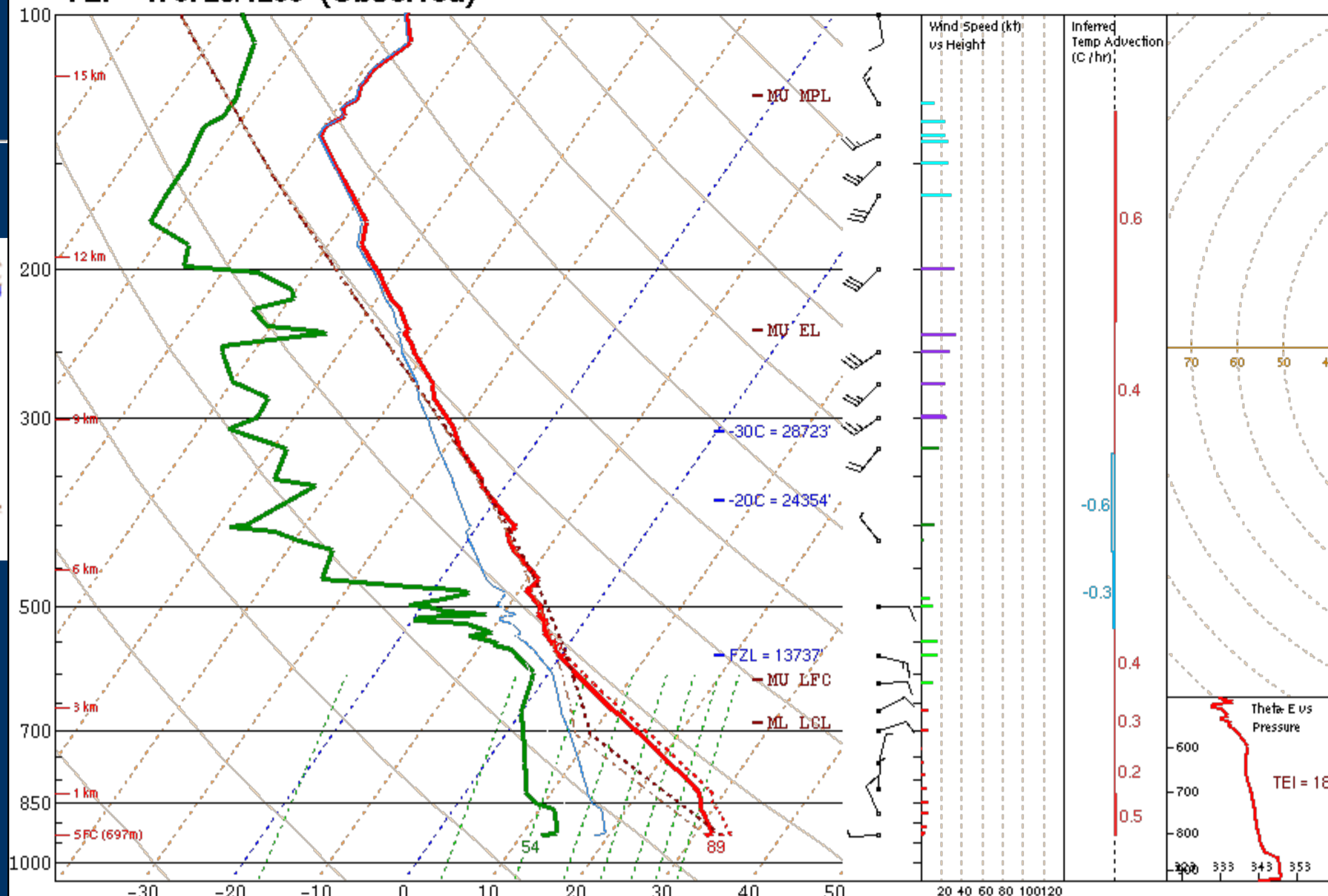
Observed Radiosonde Data
07/23/2017 12 UTC



Sounding Stations 07/23/2017 12 UTC

[Choose another date/time period](#)

VEF 170723/1200 (Observed)



PARCEL	CAPE	CINH	LCL	LI	LFC	EL
SURFACE	51	-592	2425m	-1	7735m	25704'
MIXED LAYER	452	-305	2682m	-2	3798m	34207'
FCST SURFACE	1317	0	3285m	-5	3285m	40584'
MU (923 mb)	663	-364	2359m	-3	3637m	35034'

PW = 1.19 in	3CAPE = 0 J/kg	WBZ = 12717'	WNDG = 0.0
K = 30	DCAPE = 1742 J/kg	FZL = 13737'	ESP = 0.0
MidRH = 46%	DownT = 61 F	ConvT = 103F	MMP = 0.04
LowRH = 31%	MeanW = 10.1 g/kg	MaxT = 103F	NCAPE = 0.09
SigSevere = 1893 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	50	9	331/6	323/21
SFC - 3 km	74	13	10/5	331/18
SFC - 6 km		8	58/5	340/15
SFC - 8 km		9	51/4	336/16
LCL - EL (Cloud Layer)		19	81/8	354/13
Eff Shear (EBWD)		M	M	M
BRN Shear = 11 m/s²				
4-6km SR Wind =		16/11 kt		

*** BEST GUESS PRECIP TYPE ***

None.
Based on sfc temperature of 88.5 F.

SARS - Sounding Analogs

SUPERCCELL	SGFNT HAIL
No Quality Matches	No Quality Matches

VEF Tabular Data

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

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