

## **MARCH 4, 2020 - SEVERE TURBULENCE**

**STRONG-INTENSE 400-300MB BULK SHEAR ZONE : 85-110KT**

**SHEAR ZONE WAS CREATED BY 150KT WSW FLOW FL300-FL360  
BEING UNDERCUT BY 70-80KT NW FLOW AT FL200-FL250  
CREATING STRONG SPEED & DIRECTIONAL SHEAR**

**\*\* SEE AMDAR \*\* NEXT**

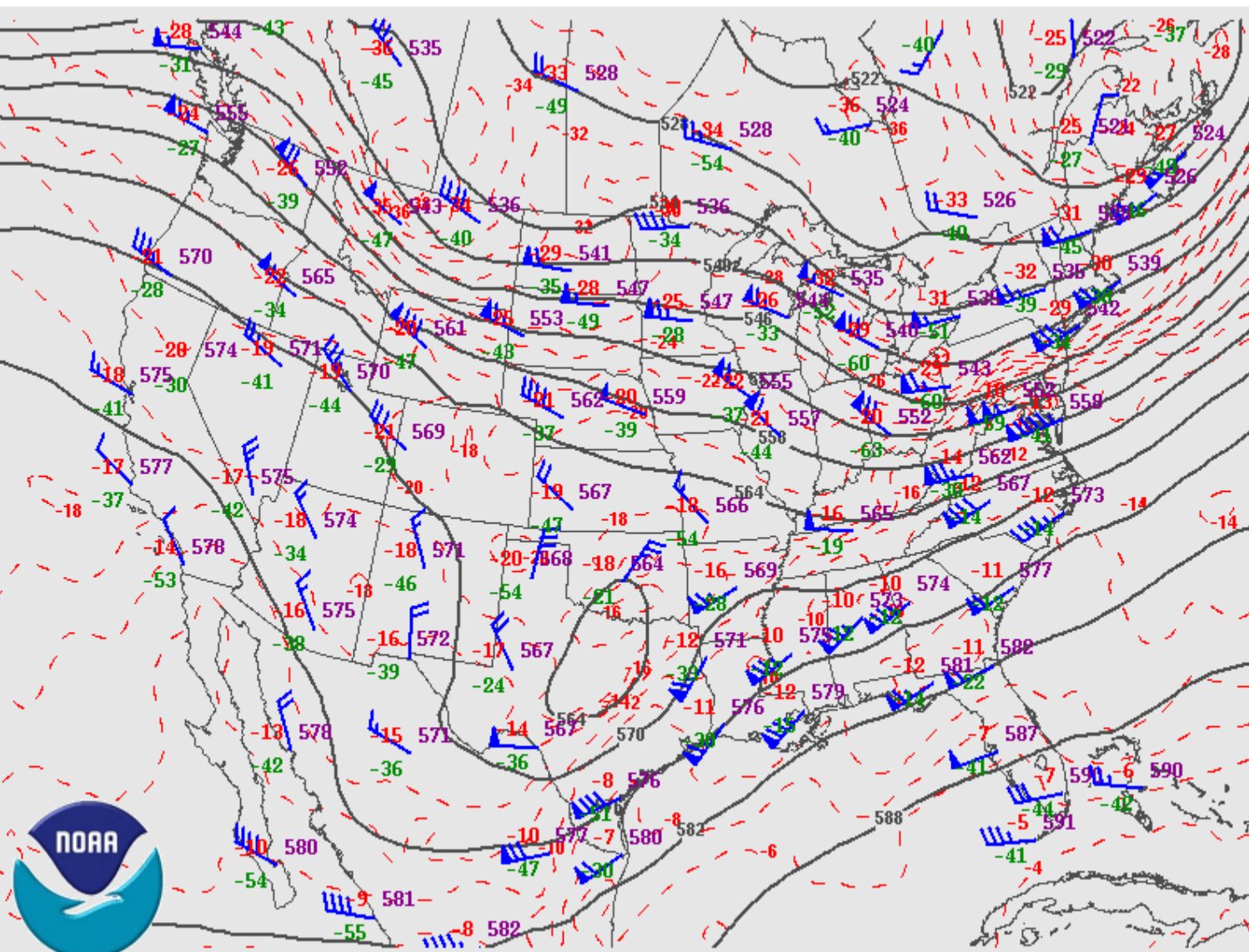
**\* 6 SEVERE TURB REPORTS IN ZAU 21Z-00Z (FL230-290)**

- **50+ MOD TURB (SEVERAL CONTINUOUS MOD) REPORTS IA-IL-IN-MI  
IN ZAU 15Z-01Z (FL210-FL350)**

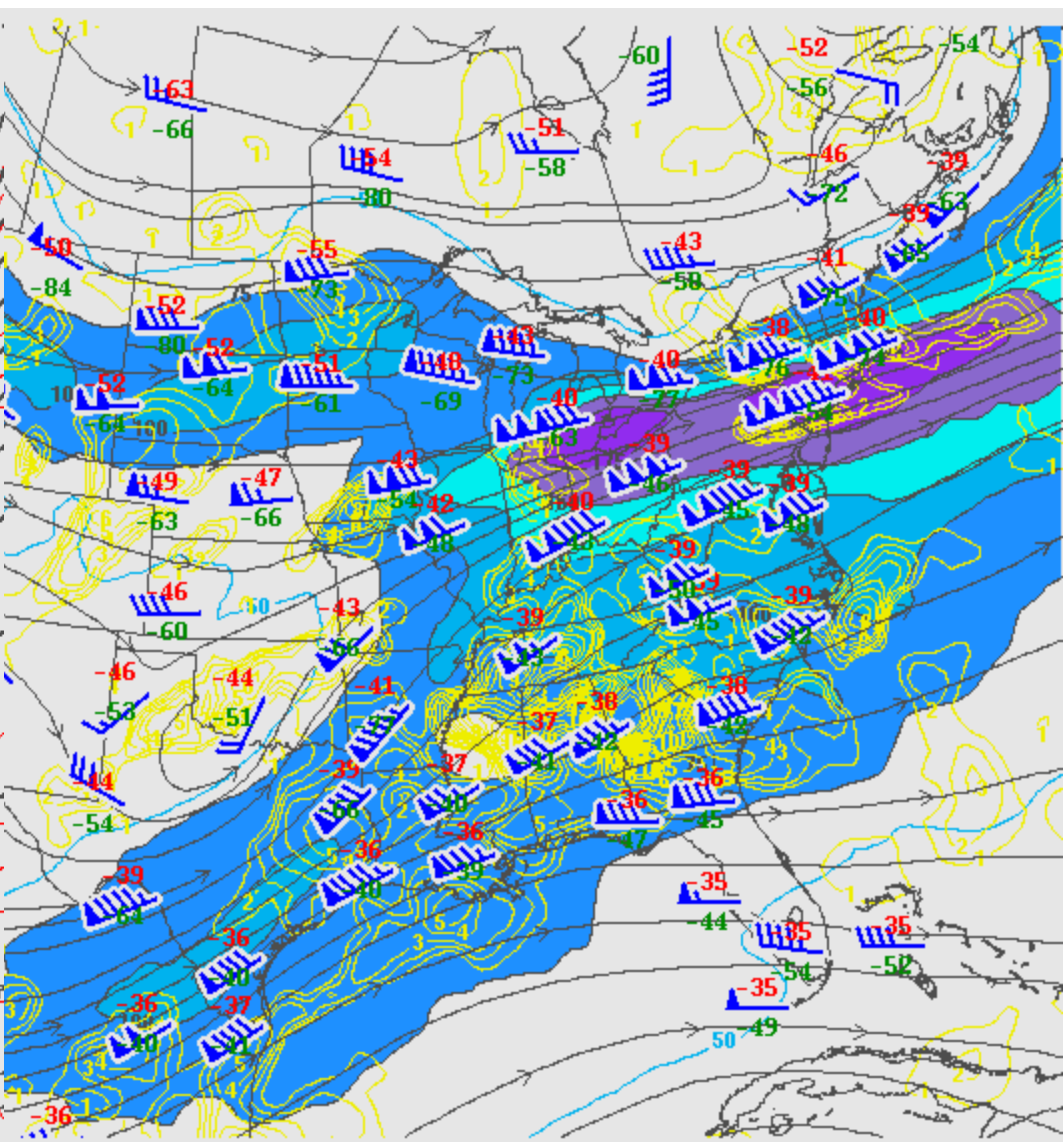
**FL200-FL240**

**FL300-FL360**

04-Mar-2020 23:00:00 -- 05-Mar-2020 01:59:59 (145319 obs loaded, 3775 in range, 469 shown)

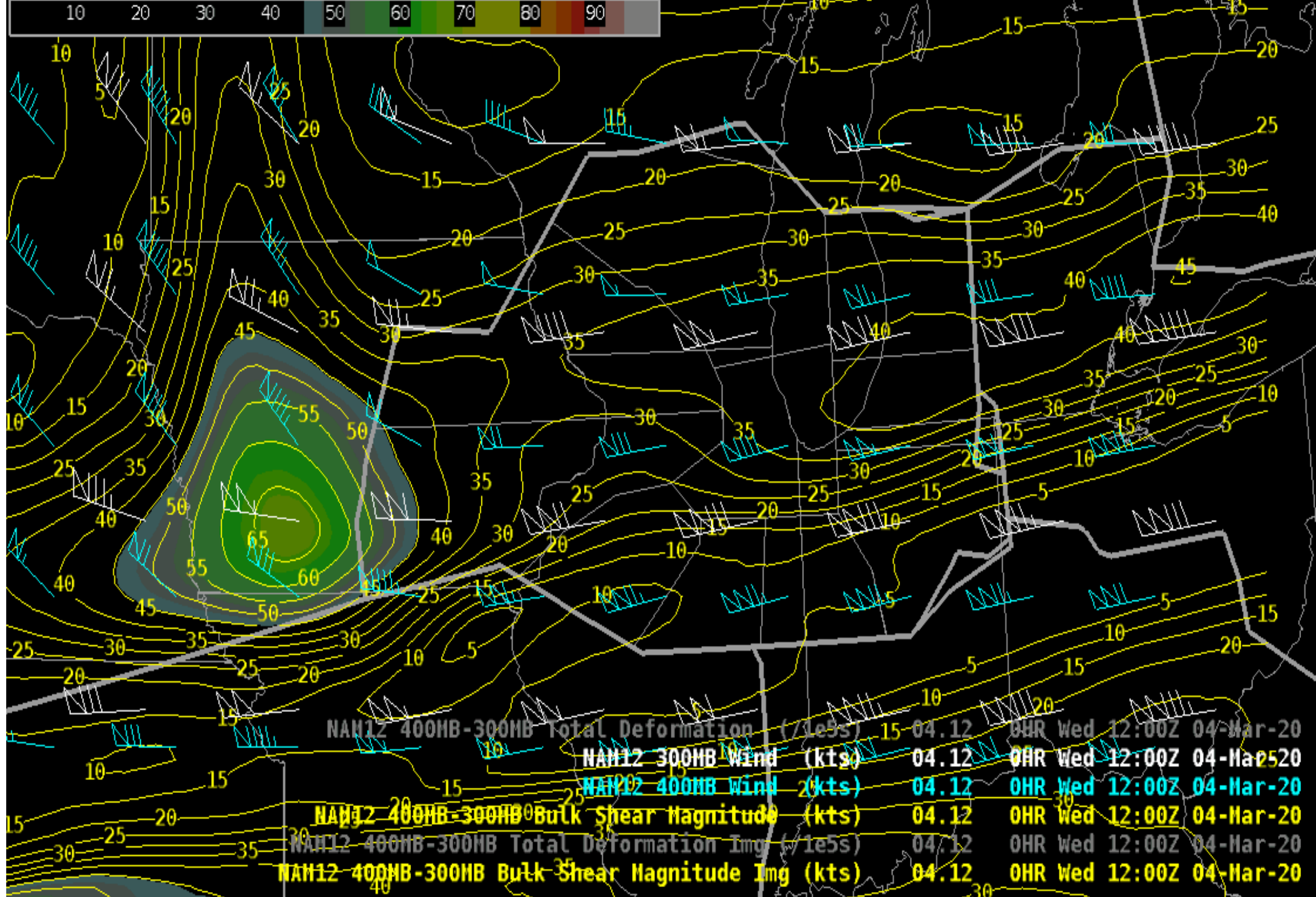


200305/0000 500 MB UA OBS, HGHTS, and TEMPS

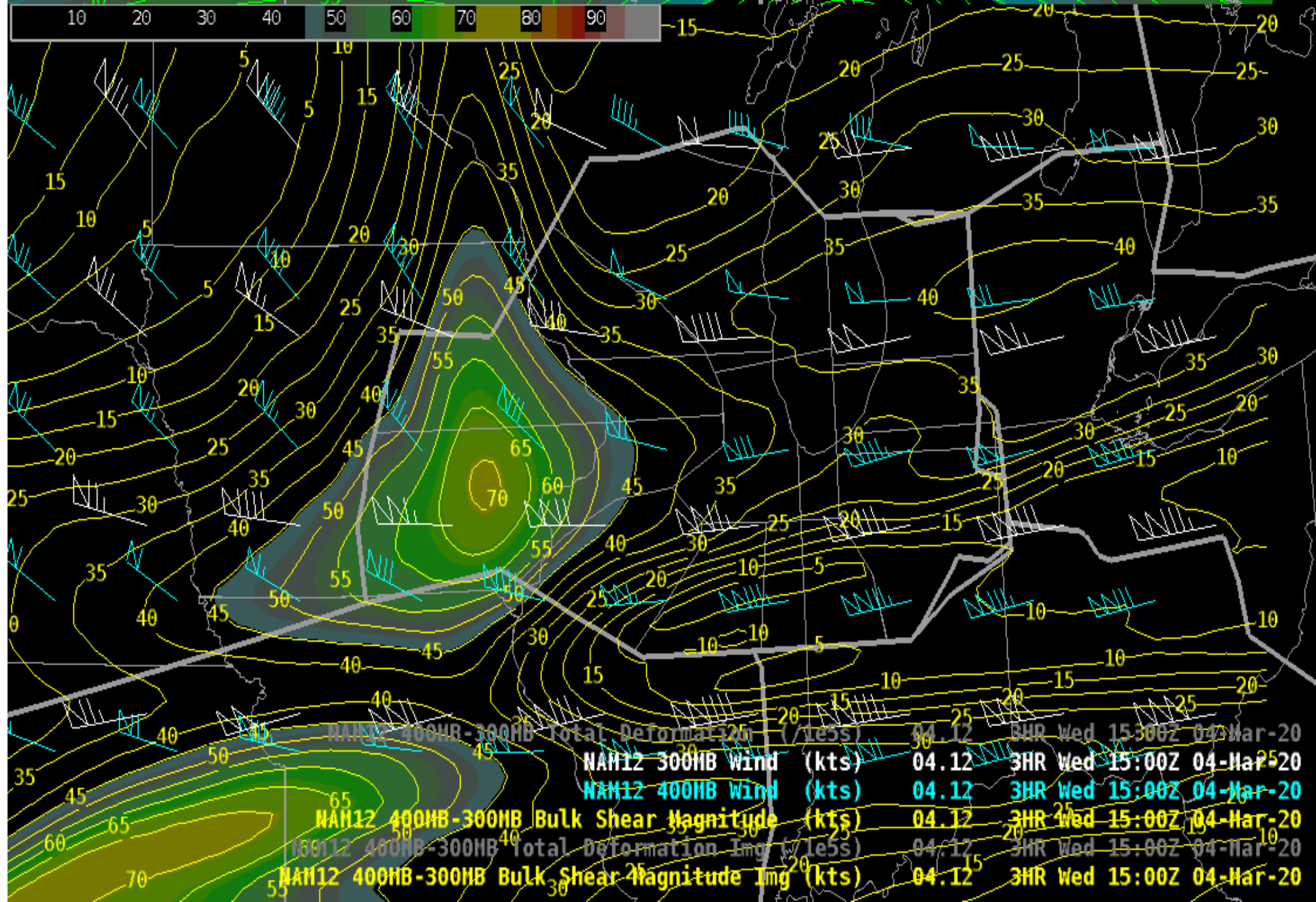


00 300 MB UA OBS, ISOTACHS, STREAMLINES, DIVERGENCE





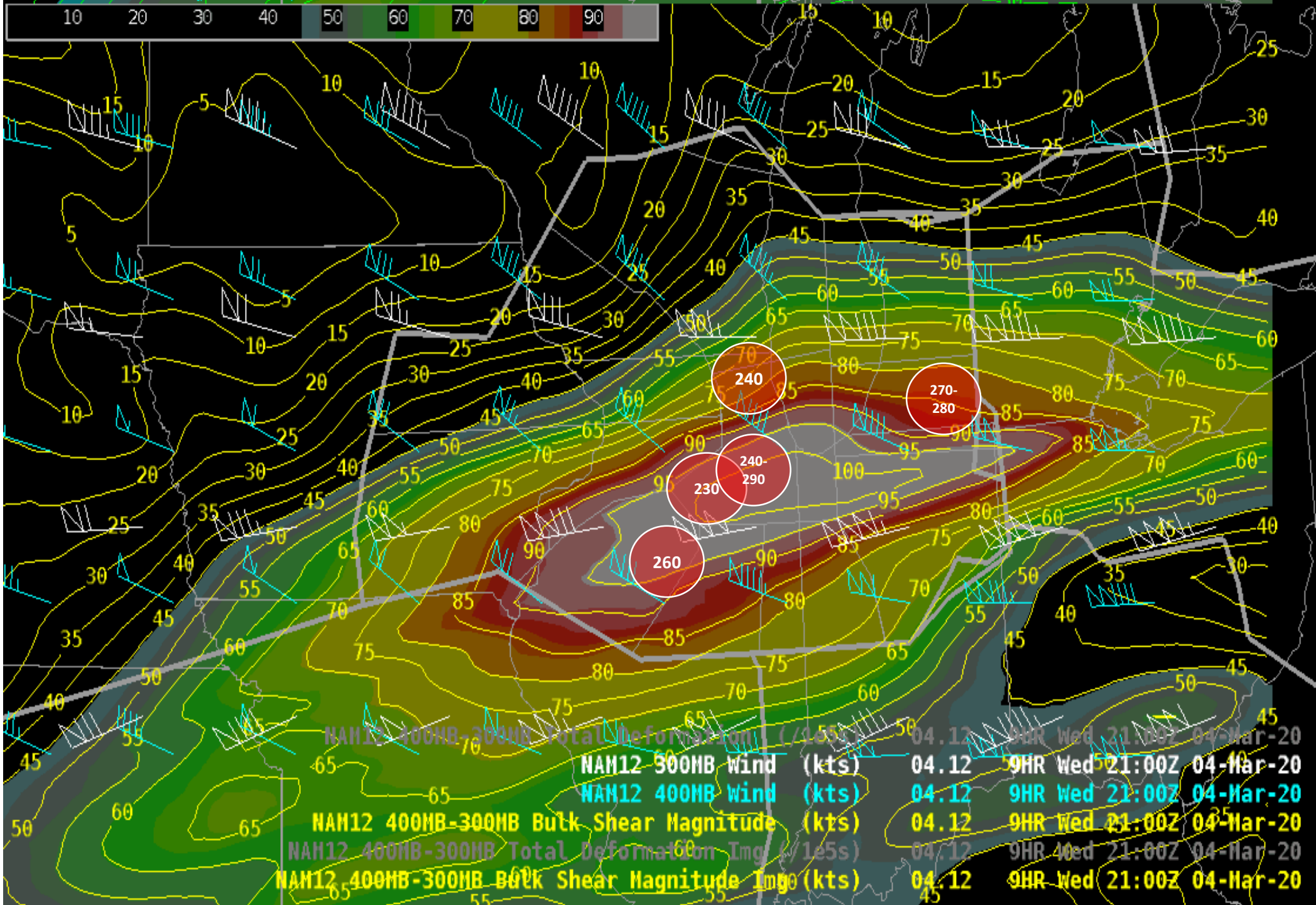


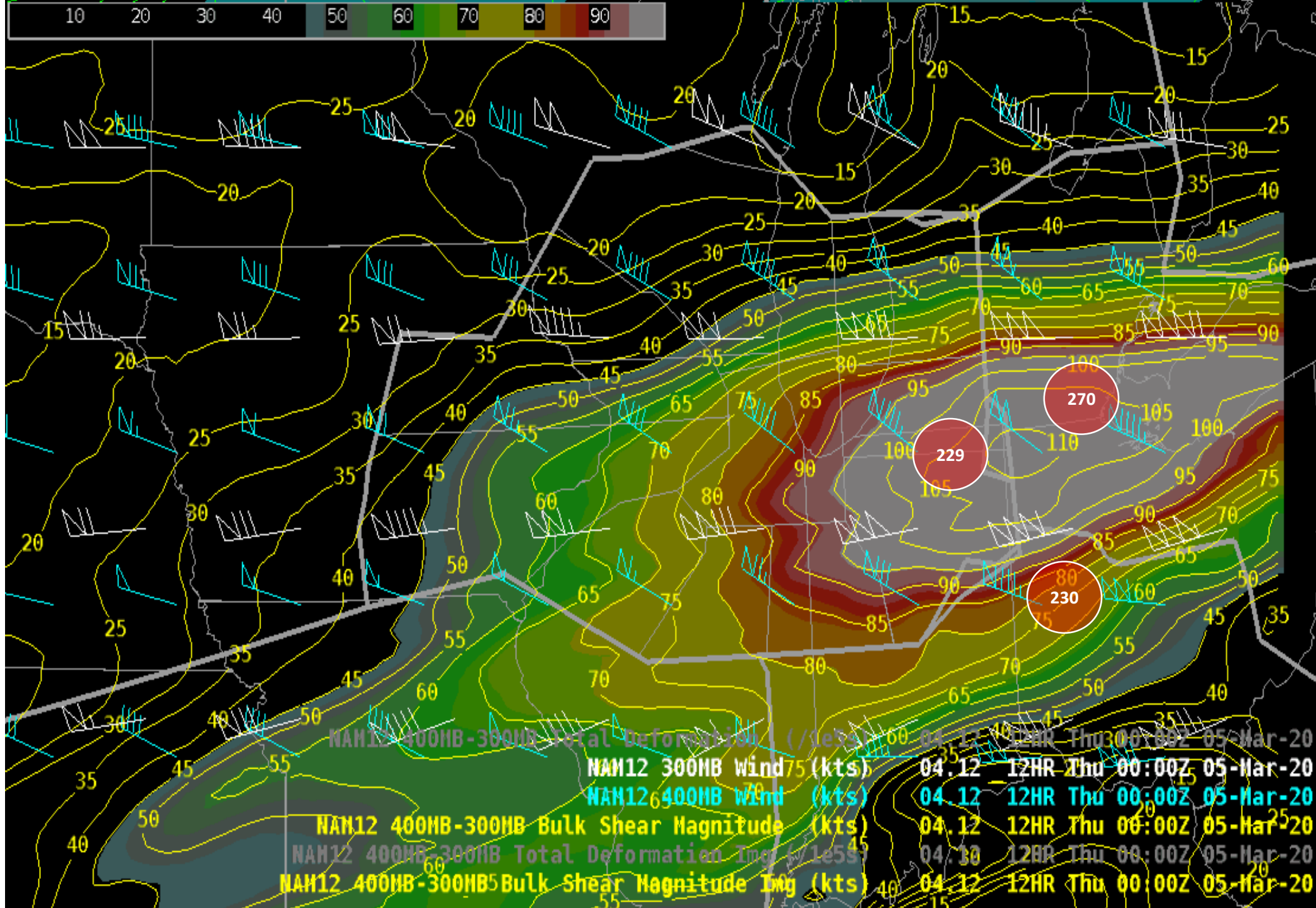


NAM12 400MB-300MB Total Deformation (1/e5s)	04.12	3HR Wed 15:00Z 04-Mar-20
NAM12 300MB Wind (kts)	04.12	3HR Wed 15:00Z 04-Mar-20
NAM12 400MB Wind (kts)	04.12	3HR Wed 15:00Z 04-Mar-20
NAM12 400MB-300MB Bulk Shear Magnitude (kts)	04.12	3HR Wed 15:00Z 04-Mar-20
180112 400MB-300MB Total Deformation Img (1/e5s)	04.12	3HR Wed 15:00Z 04-Mar-20
NAM12 400MB-300MB Bulk Shear Magnitude Img (kts)	04.12	3HR Wed 15:00Z 04-Mar-20



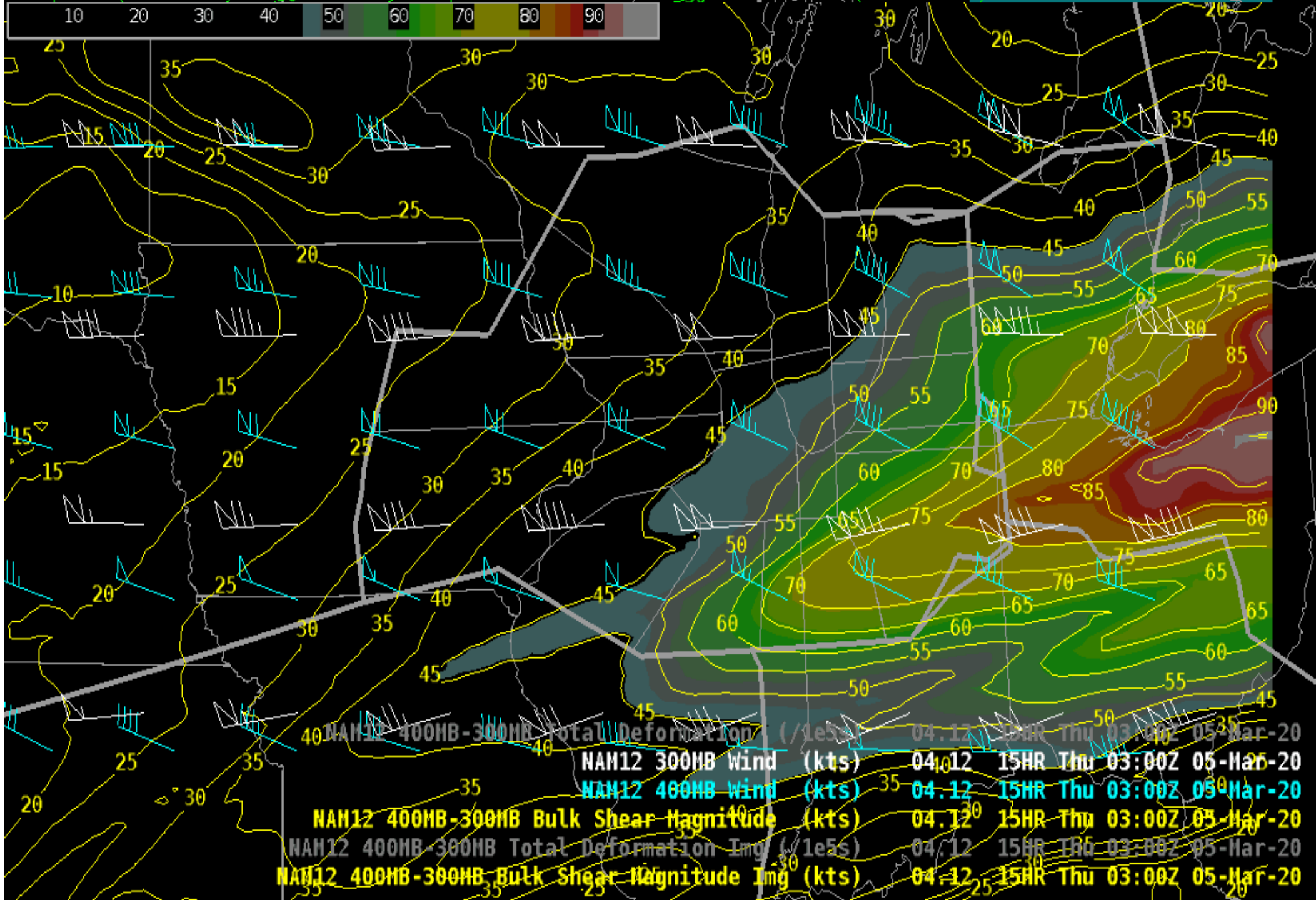






=SEVERE  
TUREB

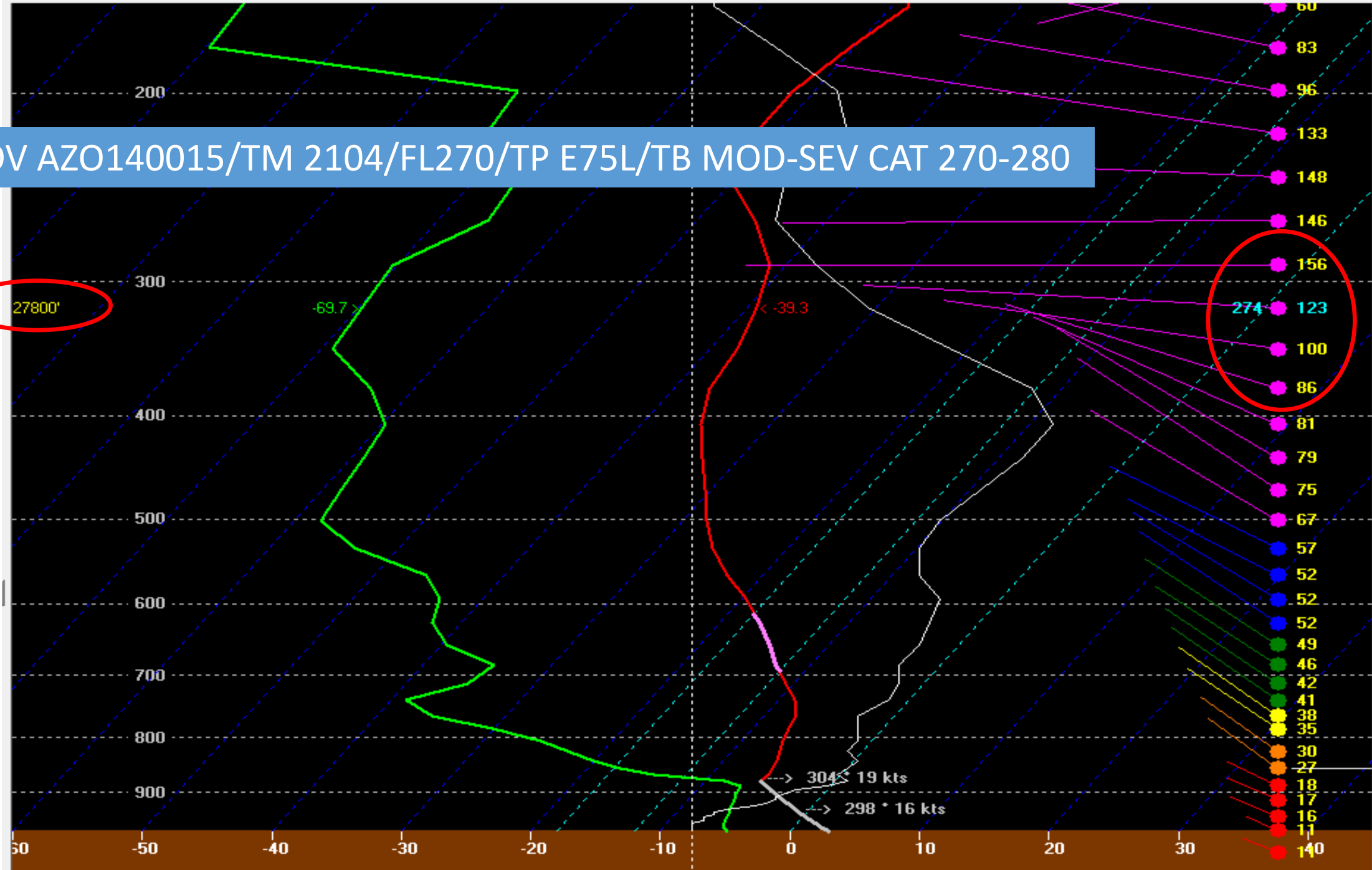




AZO UUA /OV AZO140015/TM 2104/FL270/TP E75L/TB MOD-SEV CAT 270-280

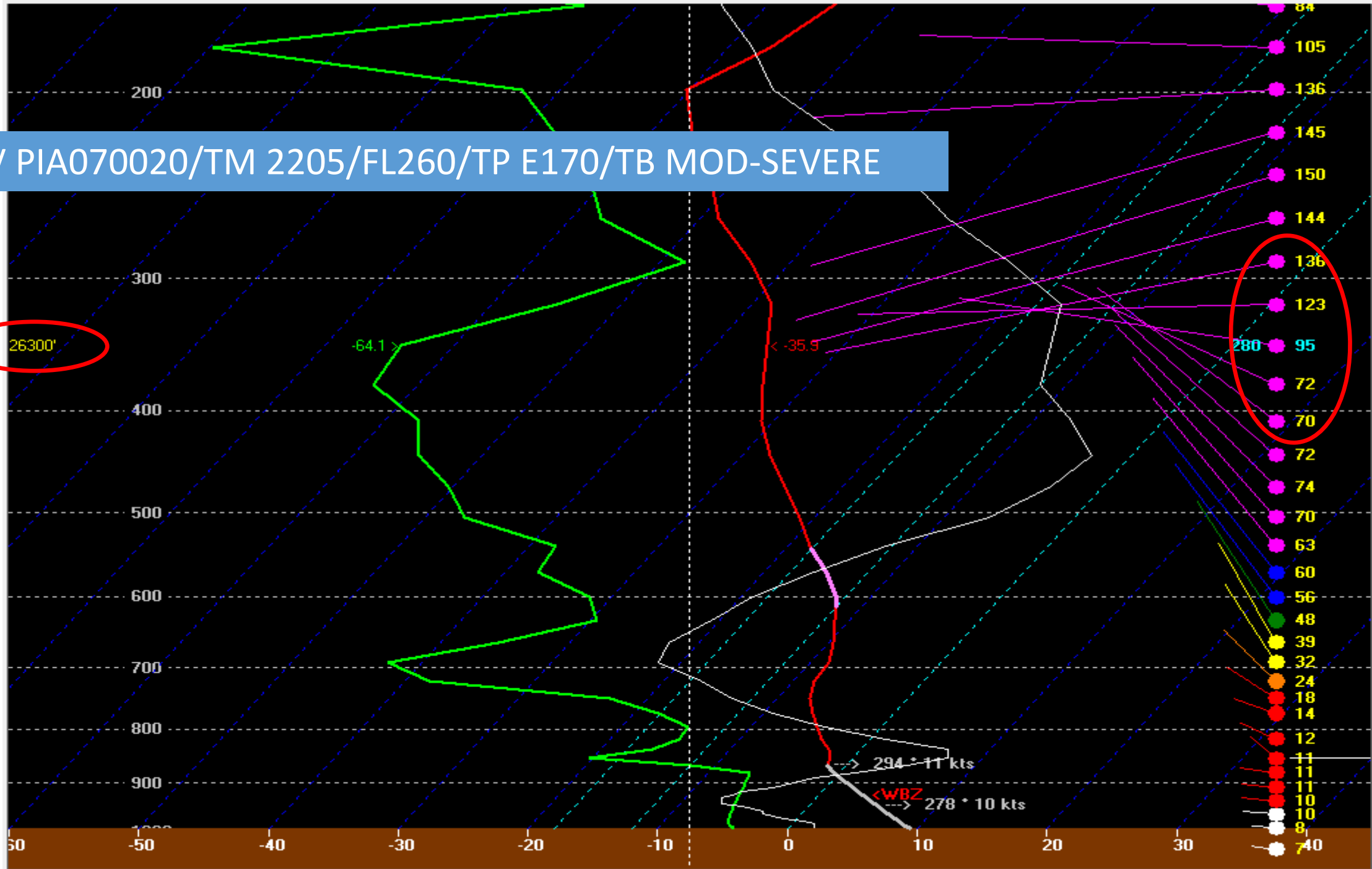
27800'

274



PIA UUA /OV PIA070020/TM 2205/FL260/TP E170/TB MOD-SEVERE

26300'





GSH UUA /OV GSH090020/TM 2321/FL229/TP C560/TB SEV

24200'

