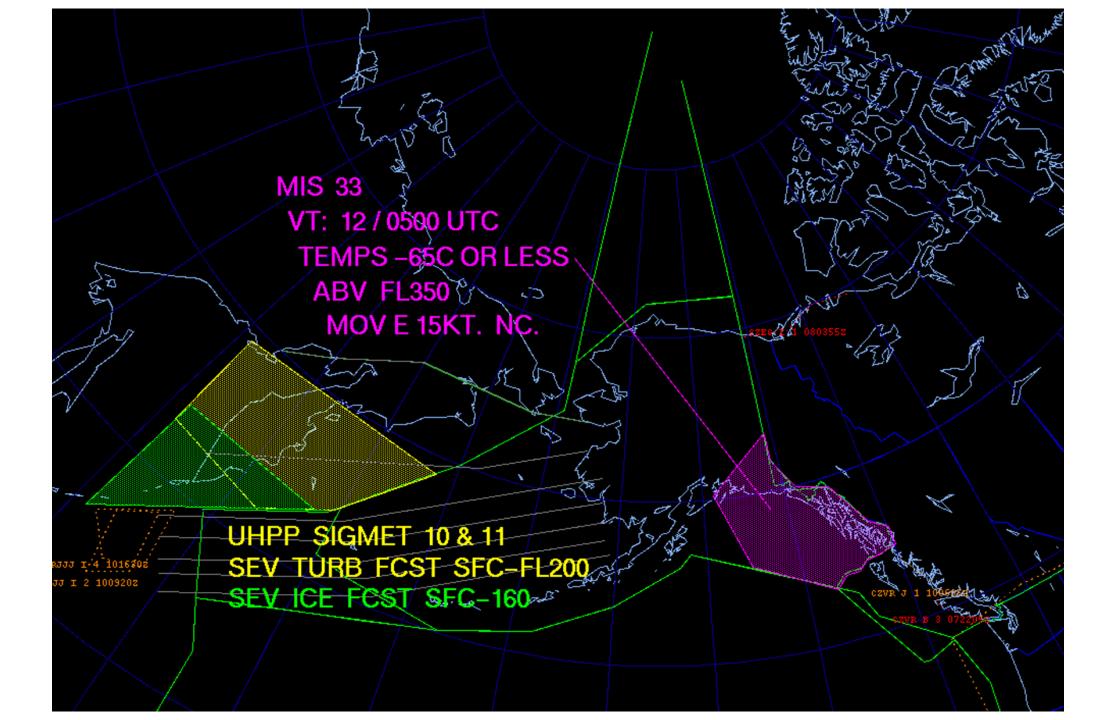
NUCAPS in Forecast Operations in Alaska

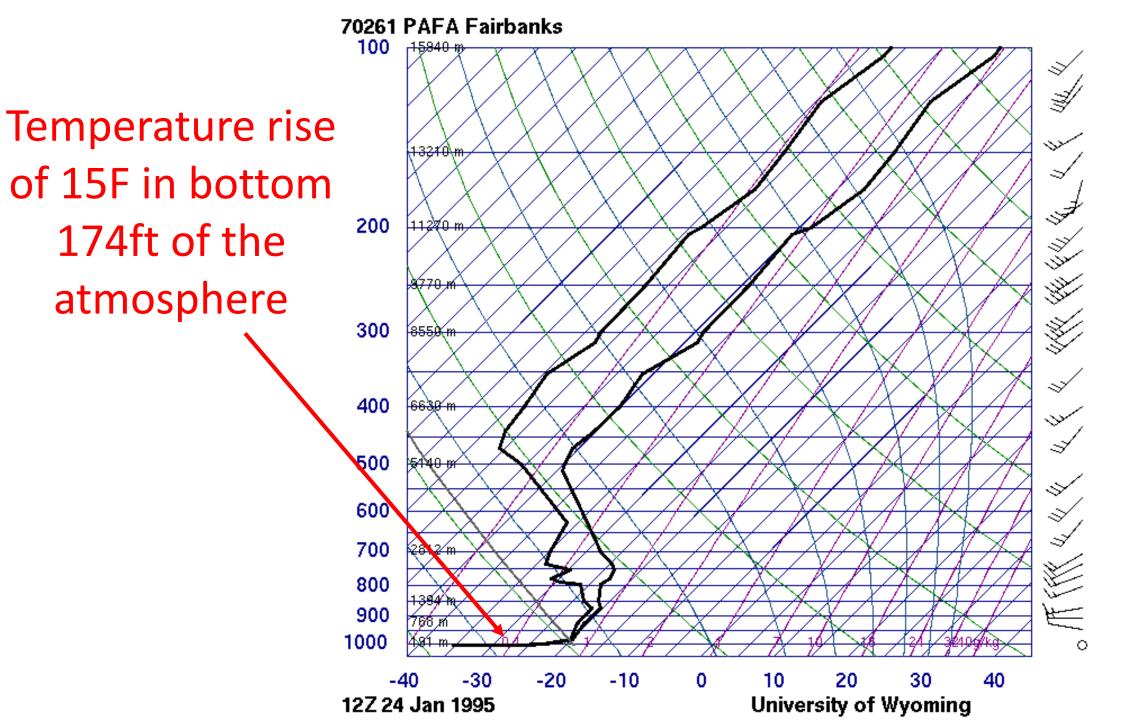
University of Alaska Fairbanks,
Geographic Information Network of Alaska



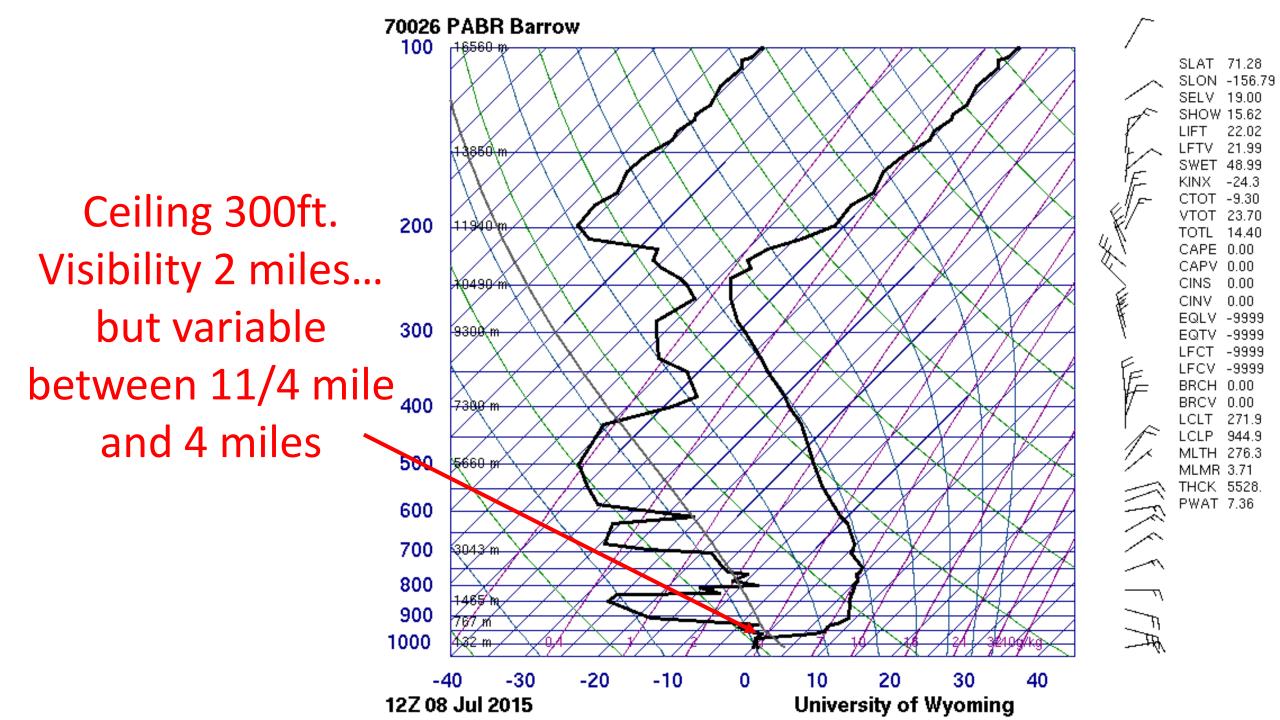


8/16/2017





SLAT 64.80 SLON -147.86 SELV 138.0 SHOW 10.68 LIFT 18.56 LFTV 18.57 SWET 59.01 KINX -7.20 CTOT 21.30 VTOT 23.20 TOTL 44.50 **CAPE 0.00** CAPV 0.00 CINS 0.00 CINV 0.00 EQLV -9999 EQTV -9999 LFCT -9999 LFCV -9999 BRCH 0.00 BRCV 0.00 LCLT 251.3 LCLP 963.8 MLTH 254.0 MLMR 0.72 THCK 4949. PWAT 2.85





NUCAPS and Wildfires in Alaska: Challenges

- Tame wildfire seasons in 2016 and 2017
- Wildfire behavior dependent on more than just weather
 - Firstly, something has to be on fire
 - Topography
 - Fuels
 - Firefighting Efforts
- Swing for the fences: A variant of the "Haines Index" that works well for Alaska

8/16/2017



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