

Figure 15: Comparison of surface wind clusters from RAMA measurements and the WRFb case for the north and south flow clusters occurring during MILAGRO. Station data from TLA and XAL (north), MER (centre), PED and CES (south), see Fig. 2 for station locations. Wind rose categories by time of day. Terrain contours every 250 m.

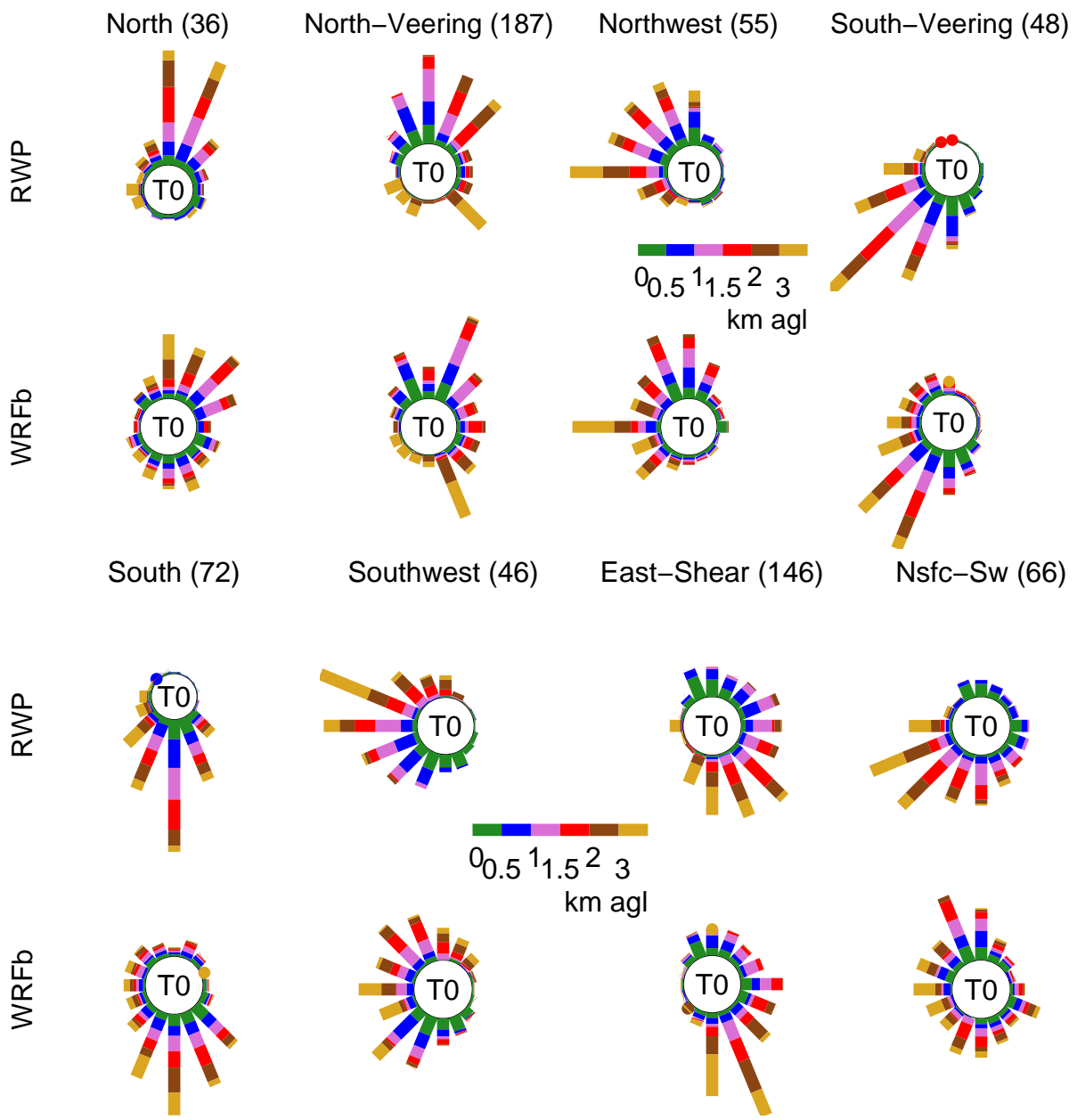


Figure 16: Comparison of wind roses of the vertical wind profiles at T0 from the Radar Wind Profiler and from the WRFb case for four clusters. Wind rose categories by height above ground level. Number of profiles in each cluster in parentheses.