

Supplementary

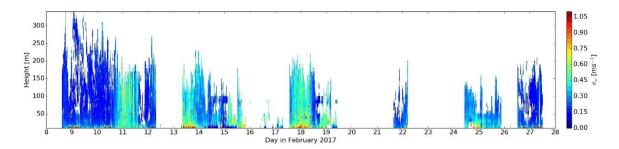


Figure S1. SODAR profile time series of $\overline{\omega'^2}$.

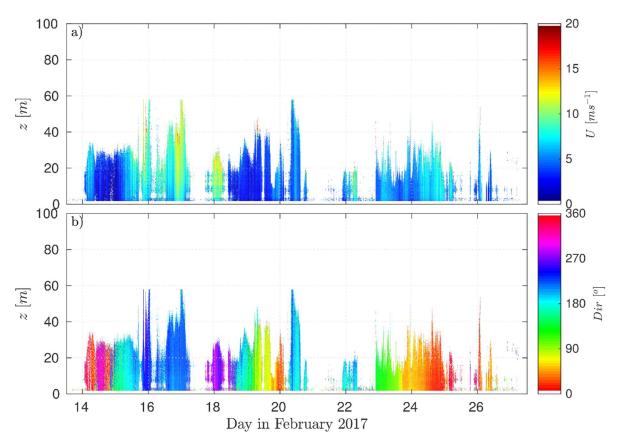


Figure S2. LIDAR profile time series of \overline{U} from 1 deg PPI scan.

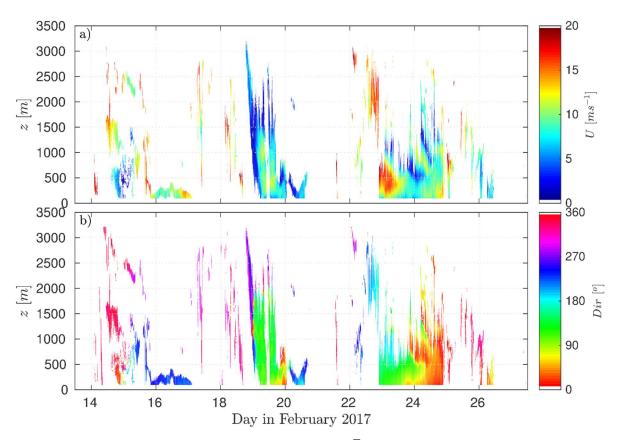


Figure S3. LIDAR profile time series of $\,\overline{\mathcal{U}}\,$ from 75 deg PPI scan.