High Resolution Doppler Lidar on the RV Brown: boundary layer dynamics and backscatter

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NOAA - ESRL & PMEL, CIRES-U. of Colorado & JISAO-U. of Washington + crew and other scientists of the RHB VOCALS cruise
• Profiles of:
  – Mean wind speed and direction
  – Uncalibrated Aerosol Backscatter
  – Small scale $\sigma_v^2$
• Mixing height
• Aerosol height
• Vertical winds
• Divergence, rolls, streaks, outflows, etc.

NOAA/ESRL
High Resolution Doppler Lidar (HRDL)
2-D visualization of dynamical features

http://esrl.noaa.gov/csd/lidar/vocals
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