

PECAN FP2 Ceilometer Measurements
Meteorology Department
Naval Postgraduate School, Monterey, CA 93943
Contact Qing Wang, qwang@nps.edu, 831-656-7716

Instrument: Vaisala CL31 laser ceilometer

Measurements: sampling between 30 May – 15 July, 2015. Vertical resolution is 5 m and the measurements went up to 7500 m (1550 range gates).

Data: Data file contains the ceilometer derived cloud base heights (CLOUD_LOW, CLD_MED, CLD_HIGH) up to three layers of clouds.

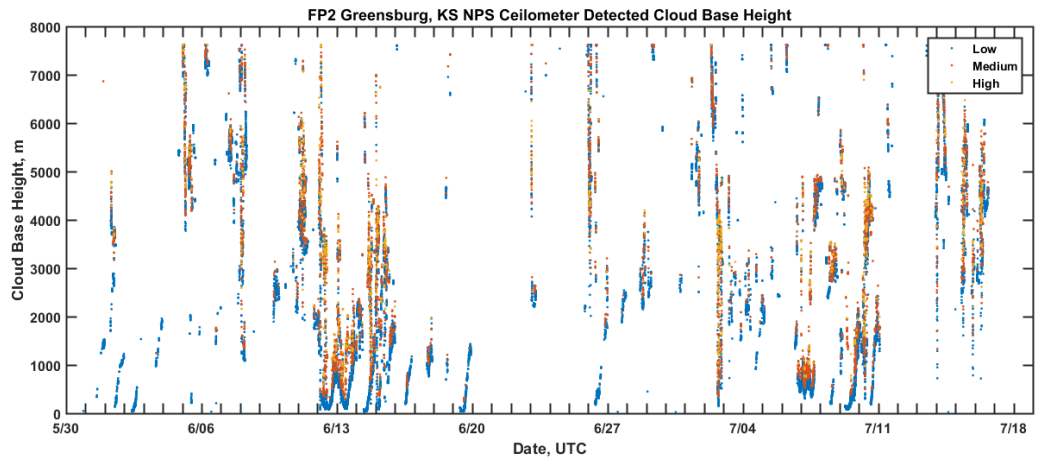


Figure 1. Ceilometer cloud based height from FP2 site during PECAN field campaign.

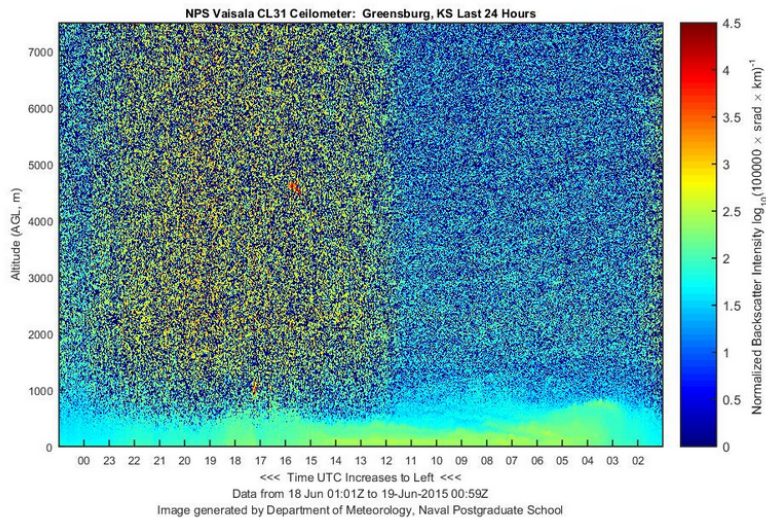


Figure 2. An example of raw ceilometer backscattering from one day of measurements during PECAN.