

Quicklooks from ceilometers during 2018 OWLETS-2 can be found at <https://lidar.umbc.edu/owlets-lidar-quicklooks/>

Instrumentation:

Lufft CHM15k @ UMBC Campus

Vaisala CL31 @ Edgewood

Vaisala CL51 @ Essex

Known Issues:

Vaisala CL51 experienced communication problems and therefore has periods of missing data.

Methodology:

All ceilometer derived mixed layer heights and cloud base heights use a Haar Covariance Wavelet Transform method. For more information see Caicedo et al. (2017); Compton et al. (2013).

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