



# University of Wisconsin-Madison Lidar Program



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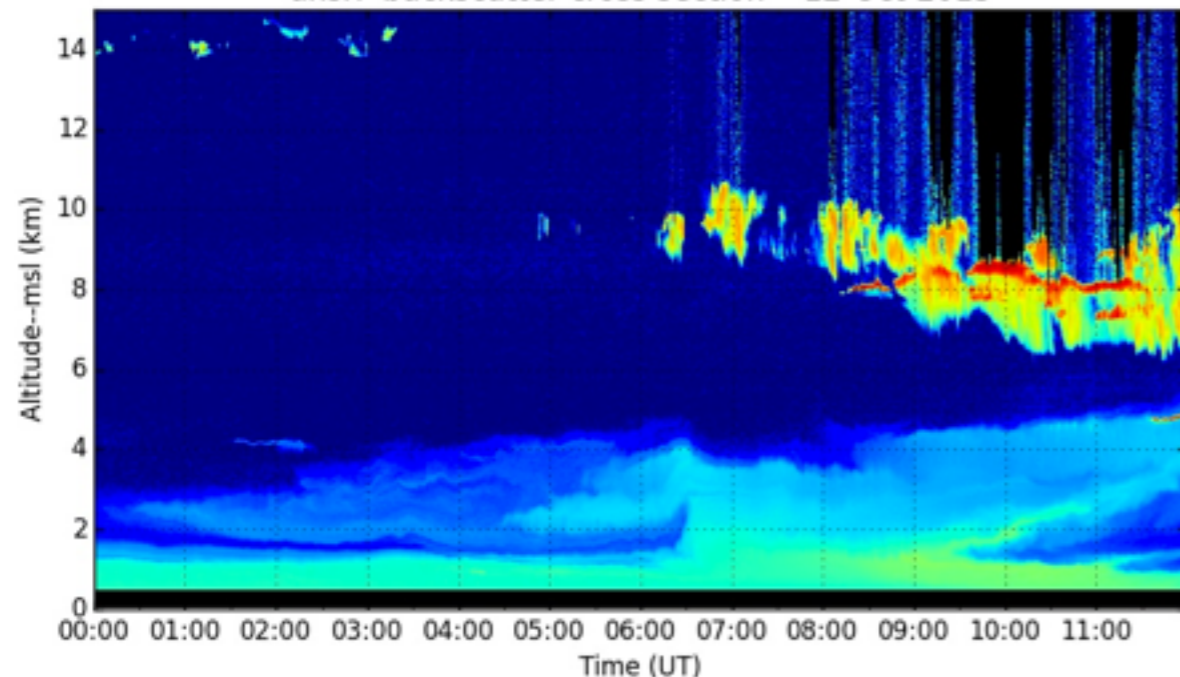
UW lidar program operates several High Spectral Resolution Lidar(s) (HSRL) designed as autonomous internet appliances. These systems have been deployed around the world (e.g. North slope of Alaska, Eureka, Singapore, two ship deployments between Hawaii and LA)



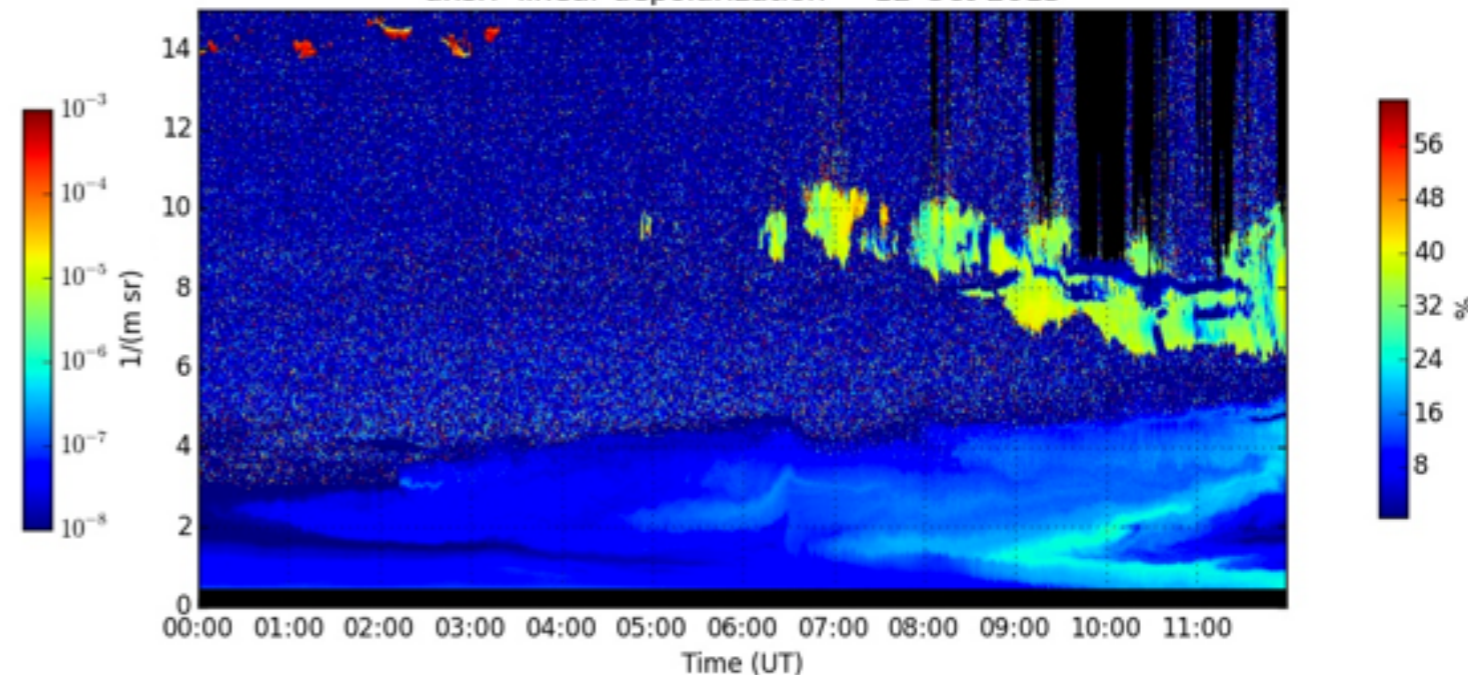
The HSRL provides calibrated measurements of the particulate volume scattering coefficient, extinction coefficient, and depolarization ratio at 532 nm, and volume scattering coefficient at 1064 nm.

For KORUS-AQ the AHSRL is planned to be deployed at Seoul National University from mid January 2016 for a period of 6 months.

ahsrl backscatter cross section 12-Oct-2015



ahsrl linear depolarization 12-Oct-2015



Examples of AHSRL data at Madison, WI 2015/10/15

Data is available in near real time at <http://hsrl.ssec.wisc.edu>