

## **DRAFT -- Final version to be uploaded later**

### **OWLETS Daily Observational Status Report** Date: July 18, 2017 (Tues)

Green = Full Capability (No Comment Required), Yellow = Partial Capability or in transition, Red = Significant loss or no measurements, Grey = not planned

<b>REMOTE SENSORS</b>			
<b>System</b>	<b>Location</b>	<b>Status</b>	<b>Notes</b>
GSFC lidar (John Sullivan, Tom McGee, Lance Nino, Larry Twigg)	LaRC (inland site)	Green	7:00 am to 12:00 pm
LaRC lidar (Guillaume Gronoff, Tim Berkoff, Bill Carrion, Betsy Farris)	CBBT third island (water site)	Green	8:00 am to 12:30 pm
Pandora (Bob Swap)	LaRC, CBBT, VCU, Wallops,	Green	Check with Jim S. on others
AERONET sunphotometers	LaRC, CBBT, Hampton U	Green	
Aircraft		Grey	No aircraft this day
LaRC MPL (Schuster)	LaRC/CAPABLE site	Grey	Not operating
Hampton U MPL (Moore, McCormick)	Hampton U	Green	9:30? am to ?1 pm
Hampton U ozone lidar (McCormick, Moore)	Hampton U	Grey	Not operating on this day?
Ceilometers (Szykman, Swap)	LaRC, VCU, CBBT, SERC vessel	Green	
<b>IN-SITU SENSORS</b>			
<b>System</b>	<b>Location</b>	<b>Status</b>	<b>Notes</b>
SERC Research Vessel (Ryan Stauffer)	Chesapeake Bay	Green	Ceilometer, NO <sub>2</sub> , Ozone, Pandora
UAV/POM (Allen, Neilan, Schroeder)	LaRC	Green	Morning measurements, 6? Flights, need to check on generator influence
Sondes (Knepp, Sullivan, Pippin)	CBBT and LaRC, Hampton	Green	~ 11:30 am ozonesonde launches
Three 2B Technologies bench type (Model 202, Pippin)		Yellow	VLM, TRO in process of getting repaired
POM, 2B Technologies (Pippin)	Mobile car, and other locations	Green	Two mobile vehicles deployed
CAPABLE trailer (Szykman)	LaRC	Green	DEQ also has O <sub>3</sub> , CO, SO <sub>2</sub> , NO <sub>2</sub> , PM at this location
DEQ sites	Norfolk(CO, SO <sub>2</sub> , NO <sub>2</sub> ), Tidewater CC(O <sub>3</sub> ), Suffolk Tech (O <sub>3</sub> )	Green	
NO <sub>2</sub> surface sensors	LaRC, SERC	Green	CBBT NO <sub>2</sub> sensor down