

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

### **OWLETS Daily Observational Status Report** Date: July 26, 2017 (Wed)

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	10:30 am to 6:00 pm
LaRC lidar (Guillaume Gronoff, Tim Berkoff, Bill Carrion, Betsy Farris)	CBBT third island (water site)	Green	11:00 am to 6:00 pm
Pandora (Bob Swap)	LaRC, CBBT, VCU, Wallops	Green	Check with Jim S. on others
AERONET sunphotometers	LaRC, CBBT, Hampton U	Green	
		Grey	
LaRC MPL (Schuster)	LaRC/CAPABLE site	Grey	Not operating
Hampton U MPL (Moore, McCormick)	Hampton U	Grey	Not operating on this day
Hampton U ozone lidar (McCormick, Moore)	Hampton U	Grey	Not operating on this day
Ceilmeters (Szykman, Swap)	LaRC, VCU, CBBT	Green	
<b>IN-SITU SENSORS</b>			
<b>System</b>	<b>Location</b>	<b>Status</b>	<b>Notes</b>
UAV/POM (Allen, Neilan, Schroeder)	CBBT	Green	Flights between 11:00 am to 6 pm
Sondes (Knepp, Sullivan, Pippin)	CBBT and LaRC	Green	~11:30 am met sonde launches, ~3:30 pm ozonesonde launches
Three 2B Technologies bench type (Model 202, Pippin)	TRO, VLM	Green	
POM, 2B Technologies (Pippin)	Mobile car, and other locations	Green	One mobile vehicle deployed
CAPABLE trailer (Szykman)	LaRC	Green	DEQ also has O3, CO, SO2, NO2, PM at this location
DEQ sites	Norfolk(CO, SO2, NO2), Tidewater CC(O3), Suffolk Tech (O3)	Green	
NO2 surface sensors	LaRC, VCU	Green	CBBT NO2 sensor down