

## DISCOVER-AQ Daily Observational Status

**Date: 14 July 2011**

### Status definitions:

**Green = Full Capability (no comment required)**

**Yellow = Partial Capability (comment on specific instruments or variables compromised)**

**Red = Severe or Total Loss of Capability (comment on prognosis for recovery)**

P-3B	Status	Comment
LARGE (Anderson)		
NOxyO3 (Weinheimer)		
TD-LIF (Cohen)		Trouble with cold start of laser at beginning of flight
DFGAS (Fried)		
DACOM (Diskin)		
DLH (Diskin)		
AVOCET (Vay)		
PTR-MS (Wisthaler)		
PDS (Barrick)		
REVEAL (Van Gilst)		
UC-12	Status	Comment
HSRL (Hostetler)		
ACAM (Janz)		
Ground	Status	Comment
Pandora (Herman)		USNA still needs installation to be completed
NATIVE (Thompson)		See attached
UMBC (Hoff)		
Millersville (Clark)		
Aeronet (Holben)		
HU-Beltsville (Joseph)		
EPA (Szykman)		
COMMIT (Tsay)		
MDE Sites	Status	Comment
Aldino		
Edgewood		
Essex		
Fairhill		
Padonia		
HU-Beltsville		

## NATIVE-EDGEWOOD Daily Observational Status

Date: 14 July 2011

### Status Definitions:

Green = Full Capability (no comment required)

Yellow = Partial Capability (comment on status)

Red = Severe or Total Loss of Capability (comment on status)

Meteorological	Status	Comments
Wind Speed	Green	
Wind Direction	Green	
Temperature	Red	Instrument failure, bad RTD, bought new one, will arrive on 15 July
Relative Humidity	Red	Instrument failure, bad RTD, bought new one, will arrive on 15 July
Pressure	Green	
J-NO <sub>2</sub> Radiometer	Green	
UV Shadowband	Green	
Leosphere Wind Lidar	Yellow	Data acquisition still failing in middle of the day
Sonic Anemometer	Green	
Chemical/Particle Analyzers		
O <sub>3</sub>	Green	
NO	Green	
NO <sub>y</sub>	Green	
SO <sub>2</sub>	Green	
CO	Green	
NO photolytic	Green	
NO <sub>2</sub> photolytic	Green	
NO <sub>x</sub> photolytic	Green	
TEOM	Green	
MPL	Green	
Ozonesondes	Green	2 flights on 14-Jul-2011: 13:39 and ~18:00 UTC
VOC canisters	Green	No VOCs, too clean. Waiting for more polluted flight day.
Fast Ozone Analyzer	Green	