

## DISCOVER-AQ Daily Observational Status

Date: 30 July 2011 (flights complete; offload of aircraft has begun)

### 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)

### NATIVE-Edgewood Status

Meteorological	Status	Comments
Wind Speed	Green	
Wind Direction	Green	
Temperature	Red	Not reading correctly
Relative Humidity	Red	Not reading correctly
Pressure	Green	
J-NO <sub>2</sub> Radiometer	Green	
UV Shadowband	Green	
Leosphere Wind Lidar	Green	
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	1 launch corresponding to Aura overpass: 18:00 UTC
VOC canisters	Red	We do not have any more evacuated VOC canisters
Fast Ozone Analyzer	Green	
PSU Pandora	Green	