

DISCOVER-AQ Daily Observational Status

Date: 19 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)		
DFGAS (Fried)		
DACOM (Diskin)		
DLH (Diskin)		
AVOCET (Vay)		
PTR-MS (Wisthaler)		
PDS (Barrick)		
REVEAL (Van Gilst)		
UC-12	Status	Comment
HSRL (Hostetler)		Successful test flight; ready for science
ACAM (Janz)		
Ground	Status	Comment
Pandora (Herman)		Sending a second instrument to Fair Hill to investigate interesting but potentially anomalous ozone measurements
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: 19 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	Not reading correctly
Relative Humidity	Red	Not reading correctly
Pressure	Green	
J-NO ₂ Radiometer	Green	
UV Shadowband	Green	
Leosphere Wind Lidar	Green	
Sonic Anemometer	Green	
Chemical/Particle Analyzers		
O ₃	Green	
NO	Green	
NO _y	Green	
SO ₂	Green	
CO	Green	
NO photolytic	Green	
NO ₂ photolytic	Green	
NO _x photolytic	Green	
TEOM	Green	
MPL	Green	
Ozonesondes	Green	1 flight 19-Jul-11 @ 18:15 UTC corresponding to Aura overpass 18:51 UTC
VOC canisters	Green	No VOCs 19-Jul-11. Waiting for more polluted flight day.
Fast Ozone Analyzer	Green	
PSU Pandora	Green	