

DISCOVER-AQ Daily Observational Status

Date: 1 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)	Green	CCN counter needs hard drive replaced (not critical)
NOxyO3 (Weinheimer)	Green	
TD-LIF (Cohen)	Green	
DFGAS (Fried)	Green	
DACOM (Diskin)	Green	
DLH (Diskin)	Green	DLH collected data during flight on 7/1
AVOCET (Vay)	Green	
PTR-MS (Wisthaler)	Green	
PDS (Barrick)	Green	
REVEAL (Van Gilst)	Green	
UC-12	Status	Comment
HSRL (Hostetler)	Green	No change
ACAM (Janz)	Green	No change
Ground	Status	Comment
Pandora (Herman)	Yellow	Essex and Beltsville down during flight; Beltsville corrected in PM, visit to Essex in AM should have it ready for flight on 7/2
NATIVE (Thompson)	Green	See attached report
UMBC (Hoff)	Green	
Millersville (Clark)	Yellow	Still waiting for word on NO2 instrument
Aeronet (Holben)	Green	
HU-Beltsville (Joseph)	Yellow	Still waiting on FAA clearance for balloon; no change on ground since 6/28
EPA (Szykman)	Green	
COMMIT (Tsay)	Green	Operational; NOxy monitor came online in afternoon
MDE Sites	Status	Comment
Aldino	Green	
Edgewood	Green	
Essex	Green	
Fairhill	Green	
Padonia	Green	
HU-Beltsville	Green	

NATIVE-EDGEWOOD Daily Observational Status

Date: 1 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
Relative Humidity	Red	Instrument failure
Pressure	Green	
J-NO ₂ Radiometer	Green	
UV Shadowband	Green	
Leosphere Wind Lidar	Red	Instrument set to arrive 1 July 2011
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	2 flights today (16:12;~20:00 UTC); 2 flights tomorrow (1 st and 3 rd overpasses)