

DISCOVER-AQ Daily Observational Status

Date: 30 June 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	No change
NOxyO3 (Weinheimer)	Green	No change
TD-LIF (Cohen)	Green	No change
DFGAS (Fried)	Green	No change
DACOM (Diskin)	Green	No change
DLH (Diskin)	Yellow	DLH installed and ready to test on 7/1
AVOCET (Vay)	Green	No change
PTR-MS (Wisthaler)	Green	No change
PDS (Barrick)	Green	Have solutions for recording radar altitude; implement on 7/1
REVEAL (Van Gilst)	Green	No change
UC-12	Status	Comment
HSRL (Hostetler)	Green	No change
ACAM (Janz)	Green	No change
Ground	Status	Comment
Pandora (Herman)	Green	No contact with Pandora today, need to establish reports
NATIVE (Thompson)	Green	See attached report
UMBC (Hoff)	Green	Using MPL from Judd Welton (GSFC) on loan
Millersville (Clark)	Yellow	Operational; still awaiting word on NO2 instrument
Aeronet (Holben)	Green	40+ DRAGON sites; also running mobile lidar
HU-Beltsville (Joseph)	Yellow	Still waiting on FAA clearance for balloon; no change on ground since 6/28
EPA (Szykman)	Green	
COMMIT (Tsay)	Yellow	Operational; NOxy monitor expected to be running on 7/2
MDE Sites	Status	Comment
Aldino	Green	
Edgewood	Green	
Essex	Green	
Fairhill	Green	
Padonia	Green	
HU-Beltsville	Green	

NATIVE-EDGEWOOD Daily Observational Status

Date: 30 June 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	Yellow	No flights today, but we are capable