DISCOVER-AQ Daily Observational Status

Date: 27 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)	🟩	
ACAM (Janz)	🟩	
Ground	Status	Comment
Pandora (Herman)	🟩	
NATIVE (Thompson)	🟩	See attached
UMBC (Hoff)	🟩	
Millersville (Clark)	🟩	
Aeronet (Holben)	🟩	
HU-Beltsville (Joseph)	🟩	
EPA (Szykman)	🟩	Instruments have been running since beginning of the week
COMMIT (Tsay)	🟩	
MDE Sites	Status	Comment
Aldino	🟩	
Edgewood	🟩	
Essex	🟩	
Fairhill	🟩	
Padonia	🟩	
HU-Beltsville	🟩	

NATIVE-EDGEWOOD Daily Observational Status

Date: 27 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	🟩	
Wind Direction	🟩	
Temperature	🟥	Not reading correctly
Relative Humidity	🟥	Not reading correctly
Pressure	🟩	
J-NO$_2$ Radiometer	🟩	
UV Shadowband	🟩	
Leosphere Wind Lidar	🟩	
Sonic Anemometer	🟩	
Chemical/Particle Analyzers		
O$_3$	🟩	
NO	🟩	
NO$_y$	🟩	
SO$_2$	🟩	
CO	🟩	
NO photolytic	🟩	
NO$_2$ photolytic	🟩	
NO$_x$ photolytic	🟩	
TEOM	🟩	
MPL	🟩	
Ozonesondes	🟩	1 launch corresponding to P3 overpass: 15:36 UTC
VOC canisters	🟥	We do not have any more evacuated VOC canisters
Fast Ozone Analyzer	🟩	
PSU Pandora	🟩	