

DISCOVER-AQ Daily Observational Status

Date: 28 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	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
NOxyO3 (Weinheimer)	Green	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
TD-LIF (Cohen)	Green	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
DFGAS (Fried)	Green	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
DACOM (Diskin)	Green	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
DLH (Diskin)	Red	Installation of housing and ECF planned for 6/29
AVOCET (Vay)	Green	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
PTR-MS (Wisthaler)	Green	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
PDS (Barrick)	Yellow	Performed well on 6/28 test flt.; will need to correct issue with recording radar altitude for 6/30 test flt.
REVEAL (Van Gilst)	Green	Performed well on 6/28 test flt.; will be ready for 6/30 test flt.
UC-12	Status	Comment
HSRL (Hostetler)	Green	Successful test flight on 6/25; ready for science
ACAM (Janz)	Green	Successful test flight on 6/25; ready for science
Ground	Status	Comment
Pandora (Herman)	Green	10 sites installed (including MDE sites); two more planned
NATIVE (Thompson)	Green	Install complete and instruments running
UMBC (Hoff)	Green	Using MPL from Judd Welton (GSFC) on loan
Millersville (Clark)	Yellow	Now have power at site; expect to test balloon on 6/30; poor internet reception being worked; O3 and NO for balloon; NO2 at manufacturer for repair/diagnosis
Aeronet (Holben)	Green	40+ DRAGON sites; also running mobile lidar
HU-Beltsville (Joseph)	Yellow	Still waiting on FAA clearance for balloon; ground site ready, see table on next page for details
EPA (Szykman)	Yellow	Instruments installed at Padonia; Edgewood tomorrow
COMMIT (Tsay)	Yellow	Operational; NOxy monitor expected to be running on 6/29
MDE Sites	Status	Comment
Aldino	Green	
Edgewood	Green	
Essex	Green	
Fairhill	Green	
Padonia	Green	
HU-Beltsville	Green	

HU-BELTSVILLE (Daily) Observational Status

Date: 06/28/2011

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Yellow = Partial Capability

Red = Severe or Total Loss of Capability (comment on prognosis for recovery)

Howard University Raman Lidar	Status	Comment
HURL	Green	
Celiometer	Green	
SONDES	Status	Comment
Ozone sondes	Green	
Tethered Sondes	Green	
AEROSOLS	Status	Comment
AMS	Yellow	Operational from 07/05
PTRMS	Green	
FMPS	Green	
APS	Green	
CCN	Green	
TOWER	Status	Comment
Fluxes	Yellow	
Latent heat	Yellow	Pending
Meteorology	Green	
Surface Radiation	Status	Comment
MFRSR	Green	
Broadband	Green	
Microwave Radiometer	Green	