

## DISCOVER-AQ Daily Observational Status

**Date: 26 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  |                                     |
| NOxyO3 (Weinheimer)    | Green  |                                     |
| TD-LIF (Cohen)         | Green  |                                     |
| DFGAS (Fried)          | Green  |                                     |
| DACOM (Diskin)         | Green  |                                     |
| DLH (Diskin)           | Green  |                                     |
| AVOCET (Vay)           | Green  |                                     |
| PTR-MS (Wisthaler)     | Green  |                                     |
| PDS (Barrick)          | Green  |                                     |
| REVEAL (Van Gilst)     | Green  |                                     |
| UC-12                  | Status | Comment                             |
| HSRL (Hostetler)       | Green  |                                     |
| ACAM (Janz)            | Green  |                                     |
| Ground                 | Status | Comment                             |
| Pandora (Herman)       | Green  |                                     |
| NATIVE (Thompson)      | Green  | See attached                        |
| UMBC (Hoff)            | Green  |                                     |
| Millersville (Clark)   | Green  |                                     |
| Aeronet (Holben)       | Green  |                                     |
| HU-Beltsville (Joseph) | Green  |                                     |
| EPA (Szykman)          | Yellow | No update on instruments at Padonia |
| COMMIT (Tsay)          | Green  |                                     |
| MDE Sites              | Status | Comment                             |
| Aldino                 | Green  |                                     |
| Edgewood               | Green  |                                     |
| Essex                  | Green  |                                     |
| Fairhill               | Green  |                                     |
| Padonia                | Green  |                                     |
| HU-Beltsville          | Green  |                                     |

## NATIVE-EDGEWOOD Daily Observational Status

Date: 26 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 <sub>2</sub> Radiometer | Green  |   |
| UV Shadowband                | Green  |   |
| Leosphere Wind Lidar         | Green  |   |
| Sonic Anemometer             | Green  |   |
| Chemical/Particle Analyzers  |        |   |
| O <sub>3</sub>               | Green  |   |
| NO                           | Green  |   |
| NO <sub>y</sub>              | Green  |   |
| SO <sub>2</sub>              | Green  |   |
| CO                           | Green  |   |
| NO photolytic                | Green  |   |
| NO <sub>2</sub> photolytic   | Green  |   |
| NO <sub>x</sub> photolytic   | Green  |   |
| TEOM                         | Green  |   |
| MPL                          | Green  |   |
| Ozonesondes                  | Green  | 2 flights corresponding to P3 overpass: 12:47 and 16:54 UTC |
| VOC canisters                | Red    | We do not have any more evacuated VOC canisters             |
| Fast Ozone Analyzer          | Green  |   |
| PSU Pandora                  | Green  |   |