Date: 2021-04-08
Flight Campaign ID: P3C1
Airport, FBO ID, City: Scottsdale Municipal Airport (KSDL) - Scottsdale, AZ
Aircraft: N615AR

Domain: 14 (Desert Southwest)
Sites Flown: None
Days left in Domain: 3

Report Author: Mitch Haynes
Lidar Operators: Mitch Haynes
Spectrometer Operators: Ivana Vu
Pilots: Stephen Brawders, Mark Solper

Flight Hours: 00:00
Hours until maintenance: 94.47

Summary
High cloud layer over the region prevented any green collect from occurring. Crew took to the road in the afternoon to verify power and other requirements in a newly built Tucson hangar, which NEON will be basing out of for SRER and JORN flights later this summer.

Concerns
NIS Chamber Pressure reverted back to reading 1E-8 torr, confirming theory of bad transducer.

Comments
Crew evaluating the potential of a Monday collect prior to departure. Will depend on coverage weekend flight coverage.

Pictures: Sky coverage looking east towards the SYCA flight box from Scottsdale.
Cumulative Domain Coverage
D14|SYCA (Sycamore Creek)

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Flown: 19% (12/62)
Green: 18% (11/62)
Yellow: 2% (1/62)
Red: 0% (0/62)

Weather Forecast

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<tr>
<th>Fri 4/9</th>
<th>Sat 4/10</th>
<th>Sun 4/11</th>
<th>Mon 4/12</th>
<th>Tue 4/13</th>
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<tbody>
<tr>
<td>Pan view</td>
<td>Sun</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
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<td>Sunny</td>
<td>94°</td>
<td>91°</td>
<td>92°</td>
<td>88°</td>
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<td>0 in</td>
<td>63°F</td>
<td>64°F</td>
<td>64°F</td>
<td>62°F</td>
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<td>Cloud Cover (%)</td>
<td>Chance of Precip. (%)</td>
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source: wunderground.com

Flight Collection Plan for 09 April 2021
Flyority 1
Collection Area: Sycamore Creek (SYCA)
Flight Plan Name: D14_SYCA_A1_P1_v6L_Q780
On-station Time: 1630 UTC / 0930 L
Crew: Mitch & Ivana