Date: 2019-07-12
Flight Campaign ID: 2019_P1C1
Airport, FBO ID, City: Forbes Field, KFOE, Topeka, Kansas

Domain: 06
Sites Flown: None
Days left in Domain: 5

Report Author: Nick Marusich
Flight Crew: Nick Marusich, Abe Morrison
Flight Hours: 3.6
Ground/GPS: N/A
Hours until maintenance: 105.7
Pilots: Chad Evans, David Little

Additional Personnel: GPS Instruments: GPS-5 (GFBO), U-KSU1

Summary
The first day of D6 collections started with clear skies. A full flight was flown at KONA_KONZ capturing the airshed and most of the TOS boundaries under green conditions. High stratus clouds rolling prevented a second flight.

Concerns
- Issues with waveform extraction appear to be resolved. Extraction backlog is completed.
- Docgen.exe does not generate daily reports.
- The camera software failed to auto start during the flight. Manual start/stop was selected for the remainder of the flight.
- A lack of overlap appeared on the Lidar Planned View between lines 31 and 32. No lidar faults were noted. NIS coverage did not look degraded.

Comments
- RAID P1C1_01 was shipped.
Abe and David cleaning off Kansas from the transit.

KONZ tower.
Cumulative Domain Coverage

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 52% (19/38)
Green: 52% (19/38)
Yellow: 0% (0/38)
Red: 0% (0/38)

Weather

Topeka KS

Manhattan KS

Flight Collection Plan for 13 July 2019
Flyority 1
Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA)
Flight Plan Name: D06_KONZ_KONA_C1_P1_v3
On-station Time: 1450 – 2210Z / 9:50-5:10 L

Crew: Abe Morrison (lidar), Nick Marusich (NIS)