Payload 1 Daily Flight Report

Date: 2023-07-10
Flight Campaign ID: P1C1
Airport, FBO ID, City: Fresno Yosemite International Airport (KFAT) - Fresno, CA
Aircraft: N331AR

Domain: 17 (Pacific Southwest)
Sites Flown: None.
Days left in Domain: 0

Report Author: John
Lidar Operators: John
Spectrometer Operators: Abe
Pilots: Jeff, Vince
GPS Instruments: n/a

Flight Hours: 0.0
Hours until maintenance: 83.93

Summary
Payload 1 was shutdown today and preparations began for the transit to D18 in Fairbanks, Alaska.

Concerns
Waveform lidar not connecting with the main OpTech system will need to be addressed in Fairbanks.

Comments
Four items were shipped back to Boulder, including GPS #7.
Pony Express #11 was shipped back to Denver.
Abe to transit to Fairbanks via commercial airlines tomorrow.

Cumulative Domain Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

D17|SOAP_P1 (Soaproot Saddle Priority 1)

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<thead>
<tr>
<th>17</th>
<th>18</th>
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Flown: 100% (31/31)
Green: 0% (0/31)
Yellow: 100% (31/31)
Red: 0% (0/31)
### Flight Collection Plan for 11-13 July 2023
-The crew will transit into Canada tomorrow, estimated arrival to Fairbanks on the 13th.

#### Weather Forecast
**Fairbanks, AK**

<table>
<thead>
<tr>
<th>Day</th>
<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
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</thead>
<tbody>
<tr>
<td>Tue 7/11</td>
<td>Mostly Cloudy</td>
<td>0.01 in</td>
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<tr>
<td>Wed 7/12</td>
<td>Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Thu 7/13</td>
<td>Mostly Sunny</td>
<td>0 in</td>
</tr>
<tr>
<td>Fri 7/14</td>
<td>Mostly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Sat 7/15</td>
<td>Mostly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Sun 7/16</td>
<td>Mostly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Mon 7/17</td>
<td>Mostly Cloudy</td>
<td>0.02 in</td>
</tr>
</tbody>
</table>

source: wunderground.com