Date: 2024-04-01
Flight Campaign ID: P3C1
Airport, FBO ID, City: Fresno Yosemite International Airport (KFAT) - Fresno, CA
Aircraft: N821AR

Domain: 17 (Pacific Southwest)
Sites Flown: None
Days left in Domain: 3

Report Author: Mitch
Lidar Operators: Mitch
Spectrometer Operators: Elissa
Pilots: Justin, Will

Flight Hours: 00:00
Hours until maintenance: 113.32
GPS Instruments: 02 - KFAT, U-P725

Summary
The crew mobilized to the airport this morning in hopes of taking advantage of clear morning skies over the Central Valley. However after towing out and conducting instrument start, cumulus clouds began forming over the foothills. By the time solar angle rolled around, clouds dominated the skyline, thwarting any potential collect from occurring.

Concerns
During system startups, the MarsRover software wasn’t displaying a waterfall. The issue was resolved in the same fasion as last week: power cycling the FPIE Camera controller card box.

Comments
None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>SJER (San Joaquin Ecological Range)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
<tr>
<td>----</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
|Flown: 0% (0/29)  
Green: 0% (0/29)  
Yellow: 0% (0/29)  
Red: 0% (0/29)|
Weather Forecast
O’Neils, CA (SJER)

<table>
<thead>
<tr>
<th></th>
<th>Tue 4/2</th>
<th>Wed 4/3</th>
<th>Thu 4/4</th>
<th>Fri 4/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>73°</td>
<td>75°</td>
<td>50°</td>
<td>50°</td>
</tr>
<tr>
<td>Cond</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Rain</td>
<td>Showers</td>
</tr>
<tr>
<td>Precip</td>
<td>0 in</td>
<td>0.12 in</td>
<td>0.68 in</td>
<td>0.1 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for 2 April 2024

Flyority 1
Collection Area: San Joaquine Experimental Range (SJER)
Flight Plan Name: D17_SJER_C1_P1_v3_Q780
40° On-station Time: 1720 UTC / 1020 L

Flight Crew

Elissa (Lidar), Mitch (NIS)