Payload 3 Daily Flight Report

Date: 2024-07-16
Flight Campaign ID: P3C1
Airport, FBO ID, City: Wausau Downtown Airport (KAUW) - Wausau, WI.
Sioux Falls Regional Airport (KSFD) – Sioux Falls, SD
Boulder Municipal Airport (KBDU) – Boulder, CO

Aircraft: N821AR
Domain: Transit
Sites Flown: None
Days left in Domain: 0

Report Author: Matt
Lidar Operators: Matt  Flight Hours: 2:16, 2:58
Spectrometer Operators: Matt  Hours until maintenance: 13.50
Pilots: Justin, Jacob

Summary
The crew transited to Boulder, CO for D10/13 operations.

Concerns
- cRIO telemetry connection issue.

Comments
- The TOIL mechanics began aircraft maintenance and are expected to be complete by tomorrow afternoon.

Daily Coverage
Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
</tr>
</thead>
</table>

Solar Angle Less Than 40 degrees

Cumulative Domain Coverage
Weather Forecast
Boulder, CO

<table>
<thead>
<tr>
<th>Day</th>
<th>Precipitation</th>
<th>Chance of Precip. (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed 7/17</td>
<td>Thunderstorms</td>
<td>0.06 in</td>
</tr>
<tr>
<td>Thu 7/18</td>
<td>Thunderstorms</td>
<td>0.08 in</td>
</tr>
<tr>
<td>Fri 7/19</td>
<td>Thunderstorms</td>
<td>0.16 in</td>
</tr>
<tr>
<td>Sat 7/20</td>
<td>Scattered</td>
<td>0.1 in</td>
</tr>
<tr>
<td>Sun 7/21</td>
<td>Thunderstorms</td>
<td>0.15 in</td>
</tr>
<tr>
<td>Mon 7/22</td>
<td>Thunderstorms</td>
<td>0.08 in</td>
</tr>
<tr>
<td>Tue 7/23</td>
<td>Thunderstorms</td>
<td>0.01 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for 17 July 2024

No flights planned due to maintenance

Crew: Matt (Ground)