

# RaDAPS Logbook

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| <b>IOP #</b>  | DELTA IOP1                                 |
| <b>Crew Members</b>   | Joshua Huggins, Meredith Bean, Kevin Knupp |
| <b>Arrival Time/Date (UTC)</b>  | 02-27-2024 2315Z                           |
| <b>Latitude</b>   | 38.038133                                  |
| <b>Longitude</b>  | -88.084000                                 |
| <b>Heading</b>  | 179  |
| <b>Elevation (m)</b>  | 119  |
| <b>Fully Operational Time/Date (UTC)</b><br><small>*List any non-operational equipment below*</small> | 02-27-2024 2335Z (minus 915)               |
| <b>Departure Time/Date (UTC)</b>  |  |

## Observations, Equipment Issues, Notes, etc.

| Time (UTC)  | Notes  |
|-------------|--|
| <b>2315</b> | Radaps and Beast arrive on site  |
| <b>2335</b> | Radaps operational minus 915<br>PHM Major Alarm Reported. Been attempting to correct it. All other instruments operational |
| <b>2358</b> | <u>Sounding 1 Launched</u>   |
| <b>0030</b> | 915 *operational   |
| <b>0103</b> | <u>Sounding #2 Launched</u>  |
| <b>0131</b> | 13.4 m/s gust with tower raised  |
| <b>0155</b> | <u>Sounding #3 Launched</u>  |

|             |   |
|-------------|---|
| <b>0205</b> | 16 m/s gust - tower up<br>Sfc temp 71.6 F, winds SW   |
| <b>0241</b> | 17 m/s gust - tower up  |
| <b>0257</b> | <u>Sounding #4 Launched. Winds near 11 m/s at 215</u>   |
| <b>0339</b> | Sfc temp reached 72.1F. 915 still hanging in there 😊  |
| <b>0352</b> | Gust 18.8 m/s. Sustained >15 for 30 seconds   |
| <b>0356</b> | <u>Sounding #5 Launched</u>   |
| <b>0413</b> | Gust 18.9 m/s   |
| <b>0419</b> | Intermittent sfc station connection issues. Lasts for <1 second and comes right back online. Will need to continue monitoring |
| <b>0449</b> | 915 power surge. Data stopped   |
| <b>0512</b> | T hit 73 ~0420, cooled to 71.8 and is back to 72.1  |
| <b>0526</b> | <u>Sounding #6 Launched</u>   |
| <b>0536</b> | 915 back operational  |
| <b>0540</b> | ASPEN failure to grab wind archive, affecting barbs, spectra and updates to website   |
| <b>0612</b> | 915 back operational  |
| <b>0620</b> | jk  |
| <b>0653</b> | Try again   |
| <b>0748</b> | Line arrival. Gust to 20.1 m/s. Tower stuck up so was not lowered when the line arrived                                       |
| <b>0812</b> | Teardown initiated  |