

# MAX Logbook

<b>IOP #</b>	2
<b>Crew Members</b>	Zeb and Melissa
<b>Arrival Time/Date (UTC)</b>	2345 UTC on 02-03-2023
<b>Latitude</b>	34.62544
<b>Longitude</b>	-90.90049
<b>Heading</b>	270 deg
<b>Cab Blanking</b>	n/a
<b>Elevation (m)</b>	58 meters
<b>Fully Operational Time/Date (UTC)</b> *List any non-operational equipment below*	0025 UTC on 03-03-2023
<b>Departure Time/Date (UTC)</b>	1200 UTC 03-03-2023

## Scan Strategies, Observations, Equipment Issues, Notes, etc.

<b>Time (UTC)</b>	<b>Observations/Notes</b>
2345	MAX Arrived on Site
0025	MAX Fully Operational
0026	Adjusting scan strategies for Clear-Air/BL scans
0102	Temp: 18.3 C; DP: 16.9 C; WS: 5.0 m/s; WD: 125 deg  Cloud Cover: OVC
0123	Scan Strategy Information: <b>CLEAR AIR BL STRATEGY</b> <i>**conduct until significant deep convection is within 60 km**</i>  Set scan speed=20 deg/sec Actual scan speed = 18 deg/sec Pulse length = 0.8 microseconds Total time: 2:53 minutes (goal was 3 minutes but good enough)

	<p>MoDLS RHI: 144 deg (true north)  MIPS RHI: 265 deg (true north)</p>
0200	<p>Temp: 18.0 C; DP: 16.8 C; WS: 5.0 m/s; WD: 90 deg</p> <p>Cloud Cover: Cloudy</p>
0300	<p>Temp: 18.3 C; DP: 16.7 C; WS: 5.6 m/s; WD: 115 deg</p> <p>Cloud Cover: Cloudy</p>
0343	<p>Mod/Heavy precip begins</p> <p>Temp dropped to 17.8 C  Td: 16.8 C</p>
0410	<p>Temp: 18.5 C; DP: 16.8 C; WS: 8.9 m/s; WD: 140 deg</p> <p>Cloud Cover: OVC</p>
0502	<p>Temp: 18.8 C; DP: 16.4 C; WS: 7.5 m/s; WD: 140 deg</p> <p>Cloud Cover: OVC</p>
0513	<p>Winds picked up to around 9 m/s</p>
0544	<p>Winds up to 11 m/s</p>
0600	<p>Temp: 19.0 C; DP: 16.5 C; WS: 7.0 m/s; WD: 140 deg</p> <p>Cloud Cover: OVC</p>
0606	<p>Wind gust of 13 m/s</p>
0700	<p>Temp: 19.6 C; DP: 17.1 C; WS: 10 m/s; WD: 150 deg</p> <p>Cloud Cover: OVC</p>
0719	<p>Wind shift → 170 deg  Winds gusting to 14 m/s</p>
0735	<p><b>Began rapid cycle scans</b>  Pulse length: 0.4 microseconds  Shallow: 0.7, 1.5, 2.6 3.8, 5  Deep: 0.7, 1.5, 2.6, 6, 9</p>





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