

# MAX Logbook

<b>IOP #</b>	1
<b>Crew Members</b>	Preston Pangle & Melissa Gonzalez-Fuentes
<b>Arrival Time/Date (UTC)</b>	February 27, 2024 2315 UTC
<b>Latitude</b>	38.126415
<b>Longitude</b>	-88.096666
<b>Heading</b>	51°
<b>Cab Blanking</b>	
<b>Elevation (m)</b>	118.872 → 119 meters
<b>Fully Operational Time/Date (UTC)</b> *List any non-operational equipment below*	SFC tower at 2350 UTC
<b>Departure Time/Date (UTC)</b>	

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

<b>Time (UTC)</b>	<b>Observations/Notes</b>
2315	Arrived on site Parked facing northeast; 51 deg Trees to the northeast, southeast Busy main road Unable to access site initially, as there was a bridge and MAX was too heavy; found alternate route through 1650 N
2350	SFC tower operational
0042	Unable to connect to IRIS Unable to connect to network
1855	Iris error: Connection refused
0130	10m-Surface Observations T: 21.81 °C, RH: 63.41%, WSPD: 9 m/s, WDIR: 189 deg, P: 982.8 hPa

0136	Still unable to connect to iris
0230	10m-Surface Observations T: 22.7 °C, RH: 61.3 %, WSPD: 12.9 m/s, WDIR: 204 deg, P: 983.1 hPa
0330	10m-Surface Observations T: 22.7 °C, RH: 61.5%, WSPD: 13.3 m/s, WDIR: 220 deg, P: 983.3 hPa
0350	Winds gusting up to 18.9 m/s
0430	10m-Surface Observations T: 22.8 °C, RH: 61.1%, WSPD: 13 m/s, WDIR: 208 deg, P: 983.3 hPa
0450	iris license issue fixed/connectivity issue ; however another issue exists concerning the dish
0456	18.82 m/s gust
0507	Began scanning NOXP is down; so using old PERiLS scanning strategy Shallow: 0.8, 1.5, 2.3, 3.3, 4.4, 6.0 Deep: 0.8 1.5, 2.3, 3.3, 5, 10.0 Shallow Deep Shallow Deep
0530	10m-Surface Observations T: 22.4 °C, RH: 63.5%, WSPD: 10 m/s, WDIR: 223 deg, P: 983 hPa
0548	Scans showing just clutter from trees Nothing meaningful showing up
0630	10m-Surface Observations T: 21.95 °C, RH: 65.7, WSPD: 9.6m/s, WDIR: 226 deg, P: 983.5 hPa
0705	Transitioned to convection scans since convection is nearby
0732	10m-Surface Observations T: 21.5 °C, RH: 67.7%, WSPD: 9.8 m/s, WDIR: 232 deg, P: 983.7 hPa
0733	Lightning observed in the distance to the northeast
0740	~21.6 m/s gust
0743	Heavy rain arrived, gusty winds
0750	Temperature dropped to 11.3 with line



