

MoDLS Logbook

IOP #	3
Crew Members	Matthew Starke, Liz Seiler, Caleb
Arrival Time/Date (UTC)	2023 Mar 24 1623Z
Latitude (deg)	33.5592711 N
Longitude (deg)	90.8057507 W
Heading	5 deg
Elevation (m)	81
Fully Operational Time/Date (UTC) *List any non-operational equipment below*	2023 Mar 24 1705Z
Departure Time/Date (UTC)	2023 Mar 25 0225Z

Lidar Scan Strategies, Sounding Types & Balloon Launch Times, Observations, Equipment Issues, Notes, etc.

Time (UTC)	Observations/Notes
1623	arrive ^MS
~1630	auto level was not successful first time; autoing a second time did nothing; fully retracted and re-autoed, then it worked ^MS
~1649	everything on, but tower and lidar not raised ^MS
1702	launched; on 424 MHz, not 421 MHz ^MS
~1705	lidar and tower raised ^MS
1726	around two cars passing per minute ^MS
1744	SASSI started ^MS
~1813	Sounding manually terminated after 8 mins no contact. 7deg above horizon in the end. ^MS

1829	sounding 2 launched, no issues at all once again ^MS
2002	sounding 3 failed a minute after launch, possibly because of balloon leak given the slight hissing sound right after launch ^MS
2013	light rain ^MS
2014	light rain ends ^MS
2050	preparing sounding 3 ^MS
2101	launched ^MS
2108	just finished talking to some random interested person - did not ask to identify ^MS
2147	overcast, only some tiny breaks ^MS
2155	preparing sounding 4 ^MS
2220	left for restroom stop ^MS
2248	returned ^MS
2255	preparing sounding 5 ^MS
2300	launched ^MS
2302	Caleb and Liz leave for restroom stop ^MS
2316	light rain ^MS
2319	rain ends ^MS
2328	lightning to NW ^MS
2340	lots of lightning, most CG, N-W ^MS
2342	light rain ^MS
2349	tower down ^MS
0002	wind gusting to 14 m/s
0006	CG definitely within 5mi ^MS
0019	consistent light-moderate rain ^MS
0044	only light rain rn ^MS

0122	upload to EOL with wrong date ^MS
0129	CG within 0.7 mi ^MS
0207	begin breakdown ^MS