

MIPS Logbook

IOP #	IOP 3
Crew Members	Preston, Todd, Michael, Isaac
Arrival Time/Date (UTC)	2023/03/24 1547
Latitude	33.123954
Longitude	-91.381511
Heading	0
Elevation (m)	33
Fully Operational Time/Date (UTC) *List any non-operational equipment below*	1627
Departure Time/Date (UTC)	

Observations, Equipment Issues, Notes, etc.

Time (UTC)	Observations/Notes
1628	All instruments operational. AT&T & verizon service good. Site is a concrete pad north of a runway for crop dusting. Shelter and fuel tanks directly to the West with some powerlines to the North. Some clutter present in 915 data but should wash out
1631	T: 24.87 C RH: 56.4 % Wind Speed: 9.5 m/s Wind Direction: 225.6 deg Press: 1009 hPa
1709	Sounding Launched
1723	Partly cloudy, lots of sun. Warm - T: 25.8 C
1811	Thicker Sc developing to the West
1830	Sounding launched, but failed. Relaunched at 1840
1900	M3v began transects
1905	Sc has set in. T: 25.95 RH: 53.5% Wspd: 8.795 Wdir: 185.9 Press: 1005.387
1910	Tiny droplets falling
1926	Rain light, but has picked up
20	Sounding up. Going hourly from here on out
2006	Some breaks in clouds
2115	Sonde up
2115	Slight clearing in clouds

	T: 26.49 C RH: 55.5 % Wind Speed: 11.824 Wind direction: 167.4
2134	Showers SW of site over NE LA approaching site
2235	915 stopped.
2307	915 operational. Sounding launched
2332	Lightning CG has been visible since 2300. TOR issued to NW. Cell produced lots of lightning. Winds really accelerating
2344	Winds at 16 m/s
2349	Rain started
2355	Rain ended
0011	Rain began. 17.5 m/s winds
0022	Heavy rain at mips
0039	Rain has ceased. T: 23.51C Wind speed: 14.48 Wind dir: 188.64 Press: 997.99
0050	Clearing in the clouds. Sounding up
0113	Lightning picked up in W line
0142	Wind dir at 272.4
0158	Lightning strike nearby and heavy rain. Secondary line passing
0208	End of ops