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) | 1627 |
| *List any non-operational equipment below* | |
| 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 End of ops | | |
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| 0158 Lightning strike nearby and heavy rain. Secondary line passing | 0113 | Lightning picked up in W line |
| | 0142 | Wind dir at 272.4 |
| 0208 End of ops | 0158 | Lightning strike nearby and heavy rain. Secondary line passing |
| | 0208 | End of ops |