

RaDAPS Logbook

IOP #	IOP1
Crew Members	Preston, Nick, Zeb
Arrival Time/Date (UTC)	2022/03/22 1310
Latitude	33.233778
Longitude	-88.643729
Heading	103 deg
Elevation (m)	90 m
Fully Operational Time/Date (UTC) *List any non-operational equipment below*	2022/03/22 1430Z
Departure Time/Date (UTC)	

Observations, Equipment Issues, Notes, etc.

Time (UTC)	Observations/Notes
1310	Arrived on site
1340	MPR, sfc (RaDAPS), ceilometer running
1359	Launched iMet #1
1405	915 operational, checking gnd clutter
1415	Moved RaDAPS S approx. 50ft d/t clutter
1430	RaDAPS 915 operational
1435	RaDAPS sfc direction readjusted
1445	High power amp power keeps going out and restarting birch
1500	99 Van sfc station operational
1516	Cloud thinning with some sun coming through

1529	Launched iMet #2
1530	10 m/s gust, sustained winds increasing slowly at sfc
1700	Sounding launched
1707	Temp: 68.7 F RH: 67.7 Press: 998.6 hPa Wind Speed: 5 m/s Wind Dir: 140 dg Sky: cloudy
1823	Sounding launched, noticeable increase in wind speed
1856	Sounding launched
1908	Temp: 71.2 F RH: 68% Press: 994.3 hPa Wind Speed: 4 m/s Wind dir: 180 deg Sky: cloudy Main line ~50 km to the west
1929	Light rain began
1941	Sounding launched. Precip starting
1943	Temp: 71.6 F RH: 69.3% Press: 994.6 hPa Wind Speed: 4.5 m/s Wind Direction: 150 deg
2009	Switched 915 to vertical only mode, main line overhead
2028	Main line passed site, in mostly stratiform now. Not much to main line. Moderate rainfall rates and little lightning
2157	915 switched back to standard mode
2234	Tear down

