**March 3, 2016 - Kessler**

UTC = local time + 6hrs

Flights conducted 15-20 yards away from the Washington Mesonet Tower

Front

Back

Windsonde 249

Windsonde 247

Windsonde 248

Windsonde 246

All windsondes located away from the rotors on the ends of the booms and shielded by a small PVC pipe (not in contact). See pictures below.

Battery 1

11.5 V

Flight 1 (180° S)

Windsondes 246 & 249

Ascent Start: 14:35.34 UTC

Max Height: 10m

Flew Lower: 14:44.30

Back at Max Height: 14:45.05

Low Battery: 14:47.19

Landed: 14:47.51

Off: 14:48.02

Remarks: Very windy, Iris tried to correct position. Was slanted toward direction of wind (approximately 180° S) for entirety of flight. Also, it kept being thrust down to lower heights.

Battery 2

12.54 V

Flight 2 (180° S)

Windsondes 247 & 248

Ascent Start: 14:52.09 UTC

Max Height: 10m

Flew Lower: 14:55

Landed: 15:02.20

Remarks: Continued to have trouble keeping its position because of strong winds.

Battery 3

11.45 V

Flight 3 (180° S)

Windsondes 246 & 247

On: 15:08 UTC

Ascent Start: 15:08.40

Max Height: 10m

Crash-Landed (because of wind): 15:11.30

Remarks: Strong wind gusts caused copter to fly low and then another gust caused it to crash-land (no damage).

For next time: The copter transmitter might need calibration. Also, don’t fly in strong winds.







