

## **ICECAPS Weekly Report**

Oct. 3 – Oct. 9, 2012

Patrick Wright – Phase I Tech

### **Interesting weather events:**

- Storm during night of Oct 3-4. High winds (30 knots), warm temps (-16 C), and significant accumulation.
- Significant precipitation midday on Oct. 6.
- Storm conditions throughout day on Oct. 8.
- Clear skies and temps down to -49F on Oct. 9.

### **General Items**

- Shoveled roof on Oct. 9.

### **Dataman Account:**

- /data and /media/disk mounts down, no data transferred nights of 10/6 and 10/7. USB disk shows 81% capacity, changed out USB disks on 10/8 at Shupe's request. In: USB #1. Out: USB #4, will RETRO.
- 10/9 daily check shows successful data transfer for 10/6, 10/7, 10/8.
- MPL mount is down on GetData.bash, although shows as mounted on computer.

### **PAERI:**

- Continued intermittent periods of missing data. 10/4, partial blue flags for all values. 10/9, partial blue flags for all values, partial red flags on SW & LW Responsivity. Powerware messaging and logging turned off.
- Continued communication with Von regarding hatch shelter riming issues.

### **MPL:**

- 10/7, 21:43:26 "AMCS Timeout", "Can't open AMCS card: 2". Required computer reboot. Measurements resumed at 17:41:48 on 10/8 (using sample cal files).

### **CAPABL:**

- Normal.

### **MMCR:**

- Mount down, no data transfer, night of 10/4. Shupe changed password on MMCR-DATA, and changed settings for no password expiration.

### **MWR:**

- Normal.

### **ASIA-A:**

- Normal.

### **SODAR:**

- 10/6, 1338 UTC, cleaned snow from tx and rx.

**POSS:**

- Normal.

**VCEIL:**

- Normal.

**IceCAM:**

- Normal.

**IcePIC:**

- Photos on 10/4.

**Radiosonde:**

- 10/3 PM launch, after two failed sondes due to ground impact from high winds, launch attempts were aborted.
- 10/5, dual launch w/O3 sonde.
- 10/9, AM launch, low burst, but still profiled lower strat. (max. alt. 16.8 km, min. press. 85.9 hPa)