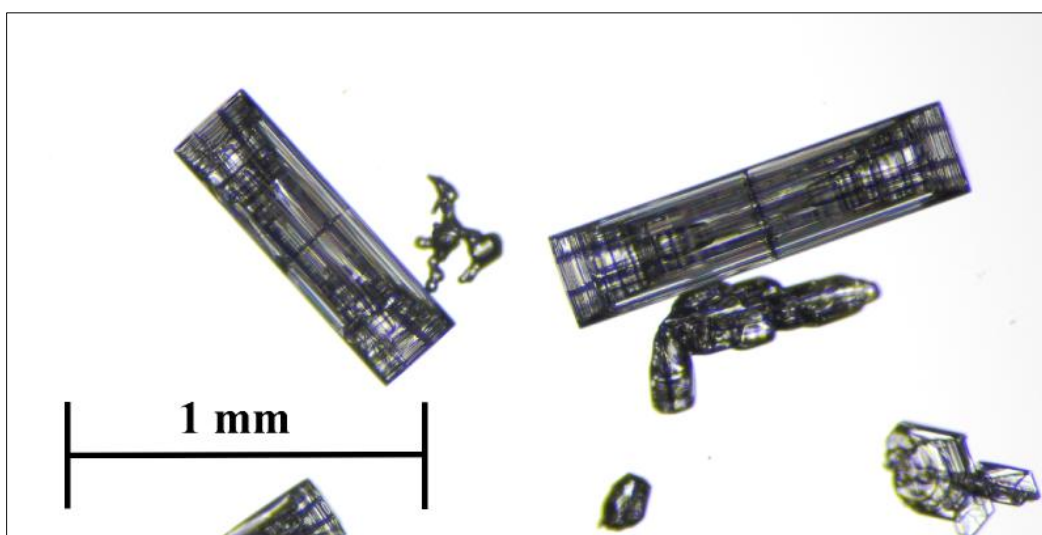


ICECAPS Weekly Report
Sept. 26 – Oct. 2, 2012
Patrick Wright – Phase I Tech



Cloud patterns over Summit on Sept. 29 (1615 UTC) (see corresponding IcePIC PDF).



Columns precipitating on Sept. 30 (1300 UTC).

Interesting weather events:

- 20 degree surface inversion over ~150m on 09/27 AM launch.
- Consistent light precipitation of bullet rosettes (09/29) and columns (09/30), yielding great IcePIC photos of both crystal types.
- Evening temps are now consistently down to -40 and lower.

General Items

- 09/27, moved ASIAA crate and MSF moving/jacking crate to cargo berm, sawhorses to Tul Krib.

Dataman Account:

- Normal. Continued Drive ECC error.

PAERI:

- In Netwatch Powerware options, disabled "event logging" on 09/27 and "user messaging" on 09/28. Re-enabled "user messaging" on 09/29. Problems have resolved, although not totally clear why.

MPL:

- Afterpulse Cal, 09/30. 30m/30s: 201209301347.mpl 15m/30s: 201209301353.mpl
- Laser energy is back up to near 4.0 over last 5 days.

CAPABL:

- Normal.

MMCR:

- Strange behavior during daily cal on 10/1. TWTA at 0.0 from 1230 – 1236 UTC. System initiated operate sequence successfully at 1236 UTC.

MWR:

- Normal.

ASIA-A:

- Normal.

SODAR:

- Normal.

POSS:

- Normal.

VCEIL:

- Normal.

IceCAM:

- Normal.

IcePIC:

- Photos on 09/29 & 09/30.

Radiosonde:

- Dual launch with O₃ sonde on 09/28 AM launch.