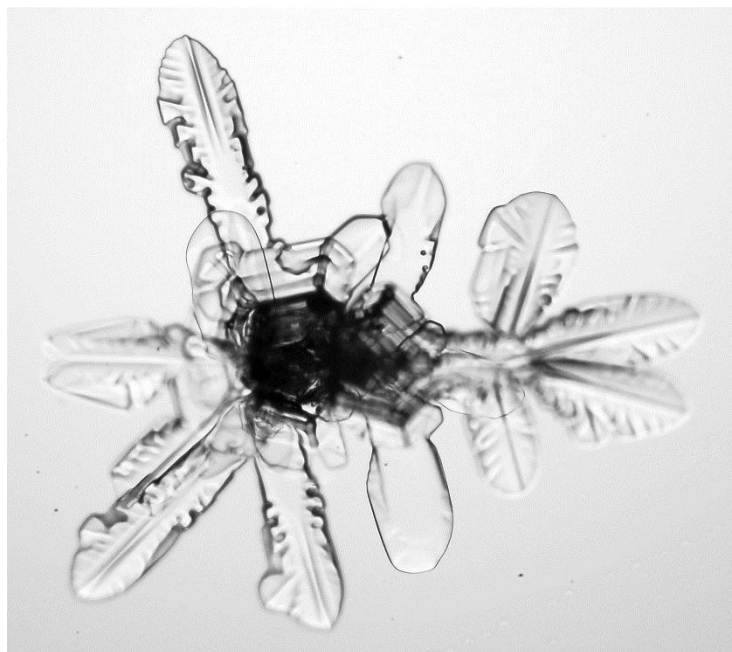


# ICECAPS Weekly Report

May 28 – Jun 3, 2018

Rex Nelson



IcePIC from 06-04.

## General:

- The MSF time server GPS antenna is being borrowed by the Radiosonde base station.

## Significant Weather Observations:

- 05-28: Few distant cirrus? Br, Ic. -22C, 11kts. 12:00-13:00Z: faint 22deg halo, partial 46deg halo, parhelia, upper & lower tangent arcs, parhelic circle.
- 05-29: Few distant altocumulus? -21C, 13kts.
- 05-30: Bkn stratocumulus. -13C, 14kts.
- 05-31: Sct stratocumulus. Br, Ic. -14C, 17kts. 10:00-11:30Z: snow.
- 06-01: Ovc stratus. Bln. -15C, 19kts.
- 06-02: Ovc stratocumulus. -15C, 11kts.
- 06-03: Bkn stratocumulus. Br. 17C, 11kts.

## ICECAPS Data Management:

- 05-28: Data transfer complete 05:55Z
- 05-29: Data transfer complete 06:11Z
- 05-30: Data transfer complete 05:59Z
- 05-31: Data transfer complete 05:59Z
- 06-01: Data transfer complete 06:03Z
- 06-02: Data transfer complete 06:33Z

- 06-03: Data transfer complete 07:31Z

**MWR:**

- As of 10-28, 150-90 operating in V11\_SCAN\_HF.MBF.

**SODAR:**

- Operating normally.
- 05-28: 13:12-13:20Z: SODAR off while cleaning dishes.

**POSS:**

- Operating normally in old software.

**MMCR:**

- Operating normally.

**CAPABL:**

- Operating normally.

**MPL:**

- Operating normally.

**VCEIL:**

- Operating normally.

**Hotplate:**

- Offline since 2018-01-11.
- The hotplate has been shipped out for repair.

**IceCAM:**

- Operating normally.

**PAERI:**

- Operating normally.
- 05-31: 22:06-22:12Z: Removed fan to defrost, but no frost was apparent. Temperature difference persists between outside air and blackbody.

**TSI:**

- Operating normally.

**IcePIC:**

- 05-30: Slides placed for collection 16:50-16:55Z. Particles photographed include broken sector plates and irregulars.
- 06-03: Slides placed for collection 11:48-11:52Z. Particles photographed include hexagonal plates, isolated bullets, bullet rosettes, and irregulars.

**Radiosonde:**

- Twice daily soundings.
- Radiosonde GPS antenna is temporarily located on SW Green House roof railing.

**MASC:**

- The MASC has been shipped out for repair.