

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

PROJECT EGRIP (C-16-5) – SITuation REPort (SITREP) no. 16, Sunday, July 31st, 2016.

This SITREP covers the period July 25th – 31st, 2016 (inclusive).

Movement of personnel:

No movement of personnel.

Movement of cargo:

No movement of cargo

Camp activities:

After the floor in the core buffer was lowered by 30 cm to match the new logger cabin, the shelves for core storage were put back in place. Lighting was installed in the logging cabin. New snow was added, spread and levelled on the floors in the carpenters garage and the mechanics garage to compensate for the slumping and the icing of the floor due to high temperatures. The top shelf on the racks in the carpenters garage was re-designed to rest on the garage frame to make it stronger. Documentation of the shelf storage in carpenters garage is in progress. The cable well has been placed too close to the generator sled, so in order to make it possible to pull the generator to the cargo line at the end of the season, it was necessary to reorganize wiring and piping and make changes to the cable well. A new battery has been installed in the generator.

Science activities:

Several successful launches have been made with the Cumulus One mapping drone. The drone is capable of taking very high resolution images of the surface. These pictures can be used to make very high resolution elevation map of the imaged area. Snow surface sampling and snow surface height monitoring continues. Water vapour sampling station is running. A 2.5 cm resolution snow profile was taken in the S1 pit. Logging of 8.77 m ice core. Sunday logging depth (final 2016 depth): 117.50 m

Drilling activities:

Reaming of the pilot hole began on Monday and by Friday reaming with the 251 mm reamer began. The reamer was stuck at 6 m depth in the hole and subsequently freed again using glycol. Video inspection later revealed, that due to the glycol, the hole had expanded too much for the current anti-torque setup. It was decided to postpone the final stages of reaming and installing the casing until next year. Instead, the drillers cleaned the hole for chips and drilled 8.77 m ice core to a new final depth of 117.5 m to have a prepared path for the longer deep drill next year. In addition the drill trench was prepared for installing the deep drill tower and the deep drill winch.

EGRIP Camp Population:

17 people.

EGRIP iridium numbers:

+8816 777 37835 (Camp, primary number)

+8816 234 93272 (secondary, night number)

Weather at EGRIP:

It is getting colder again at EGRIP, with day temperatures between -5 and -10 C and night temperatures down to -23 C. In the beginning of the week clear but otherwise mostly overcast with few light snow showers. Winds normally 3 – 6 m/s from westerly sectors with a few short periods of calm.

Kangerlussuaq activities:

Main activities have been cleaning and tidying up in the warehouse and cargo staging area. One container has been filled with rubbish. Also, the FOMs have been collecting items for the last two flights to Camp in August. The freezer with ice samples is monitored every day.

Weather in Kangerlussuaq/SFJ:

It remains mostly sunny. Temperatures in the 15°C to 22°C range. Blueberries and blackberries are ripe for picking.

The EGRIP FOM office:

Email: fom@egrip.camp homepage: www.eastgrip.org

Tel.: +299 84 11 51

Mobile: +299 52 41 25

Kangerlussuaq/SFJ iridium number: +8816 234 95044

EGRIP Field Operations office,

Marius Folden Simonsen

J.P. Steffensen