

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-18-5 EGRIP – SITUATION REPORT (SITREP) no.06, Sunday 03 June 2018

This SITREP covers the period May 27 – June 3, 2018 (inclusive).

Movement of personnel:

- 28. May** Tina Bang-Christensen (DK) from Kangerlussuaq (SFJ) to Copenhagen (CPH) by Air Greenland.
30. May Marie Kirk (DK) Copenhagen (CPH) to Kangerlussuaq (SFJ) by Air Greenland

Movement of cargo:

- 30. May** (AWB 631-2744-972620) / 51 cll / 1491 kg / scientific equipment: NIPR, Firn Air Campaign: NIPR, CIC, IMAU, LGGE, LSCE, and SNU.
01. June (AWB 631-2745-0102) / 1009 kg / 2 cll - dry food / 28 cll - Okayama Uni. Science equipment.
01. June (AWB 631-2745-0485) / 4 pll / 959 kg / 4,224 cbm – refrigerated food
01. June (AWB 631-2745-0474) / 1 pll / 134 kg / 1,286 cbm – frozen food

EGRIP camp activities:

The new large balloon cave is finished and the equipment stowed. All snowmobiles have been repaired or maintained. All Nansen sleds are now repaired. In preparation of the next flight on Thursday, skiway grooming has begun, and in association with this, we are repairing and replacing skiway markers. The cargo in the cargo line has been reorganized and camp surface cleaned up. Some time was spent dealing with the polar bear incident Saturday morning, including writing reports to authorities and institutions.

Drilling:

We had two shift drilling all week, except Sunday where drillers were filtering the borehole liquid. Drilling continues with the long version of the drill, as it produces ice cores that, even in the middle of the brittle zone, are of very high quality. During the week, several small improvements have been made to the drill trench setup.

Start drillers depth: 896.6 m. End Depth: 1005 m. Weekly production: 108 m

Science:

In the logging cabin, the freshly drilled cores are being cleaned and recorded before they are stored in the core buffer for de-stressing. People are impressed with the quality of the EGRIP brittle core.

Full processing has been done all week, except Saturday. There has been small adjustments to some equipment; but mostly it has been running fine. Work in the physical properties and isotope laboratories continues in parallel to core processing.

Processing start: bag 781 (429.55 m), end bag 1088 (598.40 m). Processed this week: 168.85 m.

On the surface, surface snow sampling and water vapour measurements continue, and our Chinese colleagues have collected snow samples from a pit.

EGRIP Camp Population: 26

EGRIP (IP) telephone numbers:

+45 7734 7444 ext. 401 (field leader) ext. 402 (common room).

EGRIP iridium numbers:

Primary no.: +8816 7776 2837

Iridium Open port, field leader

Secondary no.: +8816 7776 2838

Common phone, main dome

Third no.: +8816 7776 2839

Handheld satellite phone

Link to webcam and weather station: <http://alice.egrip.camp/>

Weather at EGRIP:

Mostly fine, with some clouds and light snow Thursday. Snow drift Friday morning. Temperatures between -10 C and -29C. Winds at 3 kt to 24 kt (mostly 10 kt to 15 kt) from SW and W.

Kangerlussuaq activities:

Planning of cargo and PAX for flight period 3. Moving cargo + food from the airport to the warehouse.

Cleaning the warehouse and setting up AF pallets for cargo building.

Receiving the 109th from the US and preparing with the 109th for the upcoming flight to EGRIP.

Weather in Kangerlussuaq/SFJ:

Between 3-12 degrees and mostly overcast, but also some sun during the days.

Quite windy and lots of blowing sand.

A few days with cancelled flights and many stranded people due to great storms at the east coast, with winds that could also be felt in Kangerlussuaq.

Still some snow, ice on the lakes, and no mosquitoes around, due to the continued cold weather.

The EGRIP FOM office:

EastGRIP field operations office

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Kangerlussuaq FOM

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