

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-17-5 EGRIP– SITUATION REPort (SITREP) no.06, Sunday 28. May 2017

This SITREP covers the period May 22 – May 28, 2017 (inclusive).

Movement of personnel:

23. May Eliza Cook (DK), Christian Holme (DK), Xu Jianzhong (CHN), Benjamin Keisling (DK/US), Rasmus Pedersen (DK) and Ilka Weikusat (D) from SFJ to EGRIP by NYANG 109th.

Elizabeth Bagshaw (UK), Steffen Bo Hansen (DK), Grant Boeckmann (US), Motohiro Hirabayashi (J), Jan Wachholz Holm (DK), Camilla Marie Jensen (DK/CH) and Harald Sodemann (N) from EGRIP to SFJ by NYANG 109th.

24. May Steffen Bo Hansen (DK), Motohiro Hirabayashi (J), Jan Wachholz Holm (DK), Camilla Marie Jensen (DK/CH) and Harald Sodemann (N) from SFJ to CPH by Air Greenland

25. May Grant Boeckmann (US) from SFJ to KSCH by NYANG 109th.
(Elisabeth Bagshaw (UK) joined to Bristol field program in Kangerlussuaq)

Movement of cargo:

23. May 10.650 kg (23.440 lbs) Food, Drilling fluid, science equipment and camp equipment
From SFJ to EGRIP by the NYANG 109th

1.600 kg (3500 lbs) Empty boxes, Air Force pallet and garbage
From EGRIP to SFJ by NYANG 109th

Camp activities:

In the trenches, the new core extraction freezer has been successfully modified and is now complete. The freezer unit maintains -30 C in core extraction room.

Two modular freezers arrived with the LC-130 and was assembled inside the science trench. They will be heated inside to provide warm laboratories inside the snow cave.

In the science trench the horizontal saw got installed the tables for the other bandsaws was set up and are ready.

On the surface work was first concentrated on grooming skiway, taxiways and apron then after the arrival of the LC-130 about getting arriving cargo and food stored and secured.

Cable work continued and maintenance and repair of the snowblower was completed during the week.

Science activities:

German snow sampling continued.

Japanese snow and aerosol experiments continued

Water vapour sampling, methane sampling, boundary layer and meteorology station working.

Work on the “egg” project continued

Drilling activities:

The week began with the first icecore retrieved this year a 1.5 m core of good quality.

Then the week continued with training new drillers. Troubleshooting the fluid treatment plant and the FED apparatus. EGRIP 2 m drill+ electronics test runs. Test run with new electronics and RECAP drill, failed after 30 cm. Continued liquid drilling, 4 runs with HT electronics and RECAP drill, 1.7 m to 2.0 m cores.

The drill configuration is now in a stable mode. Drilling has been established using an HT pressure tube, coupled to the RECAP drill (2 meter core barrel) with ca. 2 mm pitch step cutters. Over the weekend, cores of excellent core quality between 1.8 and 2.0 meters became the norm. Chips recovery and core quality has improved with increasing the drill head RPM. Core breaks are consistently between 300 and 500 kg. Next week is planned for two shift drilling and logging.

May 22; Drillers depth: 107.92 m. Logging depth (end 2016): 117.5 m. New logging depth: 119.36 m

May 28; Drillers depth: 158.5 m. Logging depth: 167.87 m

EGRIP Camp Population: 28 people

EGRIP iridium numbers:

NOTE: Primary number different from the number given in the field plan.

Primary no.: +8816 777 72510

Iridium Openport

Secondary no.: +8816 234 9137

Field leader, handheld satellite phone

3 m satellite dish installed, and camp has access to LAN and the web.

Weather at EGRIP:

Weather improved at the campsite the wind finally has gone down. Wind speed at 4 to 17 knots and temperatures between -11C and -30C.

Kangerlussuaq activities:

The flight to the camp was postpone one day to May 23 due to difficulties getting a complete food resupply from the vendor. The food arrived Monday late afternoon and was repacked and palletized for the LC-130 next morning. The flight to and from the camp went as scheduled.

EastGRIP field operations office

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Weather in Kangerlussuaq/SFJ:

The weather has mostly been overcast but late week it felt like summer has arrived. Temperatures between -3 and +15C

No mosquitoes.

*EGRIP Field Operations office,
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