

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-18-5 EGRIP – SITuation REPort (SITREP) no.03, Sunday 13. May 2018

This SITREP covers the period May 7 – May 13, 2018 (inclusive).

Movement of personnel:

- 8. May** Tobias Binder (D) and three AWI Basler crew From Station Nord to EGRIP by AWI Polar 6
- 9. May** Tina Bang-Christensen (DK) Copenhagen (CPH) to Kangerlussuaq (SFJ) by Air Greenland.
- 10. May** Thomas Blunier (DK/CH) from (CPH) to Kangerlussuaq (SFJ) by Air Greenland.
- 11. May** Marie Kirk (DK) from Kangerlussuaq (SFJ) to (CPH) by Air Greenland.

Movement of cargo:

11. May – SFJ Air Greenland:
(AWB 631-2740-6120) / 1 cll / 69 kg / scientific equipment (Box 930 from Disko via Aalborg)

EGRIP camp activities:

Quite a lot of snow has been removed between the buildings to make easy access to main dome and garages. Our camp electrician has been busy to improve and adjust all electrical installations in the drill trench, the science trench and in camp in general. The skiway has been groomed many times, particularly after arrival of the German Basler. All skiway markers have been raised and the SW lean-in line is straight again. Radio communications and weather updates have taken some time as there has been aeroplane activities in camp every day since Wednesday.

On Thursday, EGRIP had a visit by a group of distinguished visitors who arrived in two Twin Otters and EGRIP “air control” had to handle three aeroplanes at the same time.

Drilling:

Most activity in the drill trench have been centered on making the trench ready for drilling and extending the tower, the inclined trench and the ceiling height to accommodate the long version of the drill. The ceiling has been trimmed around driller’s cabin, slush treatment and driller’s workshop. Surface electronics has been mounted, tower tilt control activated and the winch activated. All systems are o.k. By Sunday afternoon, drillers made a borehole logging to the bottom of the 900 m deep borehole.

Science:

The science trench has been made ready for the upcoming ice core processing. The wall have been trimmed, tables adjusted, lighting and electrical are adjusted and parts of the ceiling has been trimmed. The Swiss saw has been repaired.

Brittle ice core from 2017 have been logged from 679.74 m to 823.13 m.

Snow samples have been collected.

The water vapour sampling site is operational.

The AWI Basler has made six 3 hour radar flights since Wednesday.

EGRIP Camp Population: 23 (38 during DV visit)

EGRIP iridium numbers:

Primary no.: +8816 7776 2837

Iridium Open port, field leader

Secondary no.: +8816 7776 2838

Common phone, main dome

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

Weather at EGRIP:

Until Friday very cold with day time temperature rarely above -28 C and night temperatures down to below -40 C. Together with a moderate wind it felt really cold.

Friday, Saturday and Sunday had significantly higher temperatures. Mostly fine with some snow showers and slight morning fog.

Kangerlussuaq activities:

Disassembled T2 pallet (double AF pallet) with the antenna wings for the AWI Bassler. This has not made it into camp in the previous flight period. CPS personnel assisted taking the pallet apart. Antennas are back in the container (securing the material is pending; has to be done by AWI personnel).

Planning of cargo for the second EGRIP flight period. Building pallet #1 for the Mai 16th flight.

Weather in Kangerlussuaq/SFJ:

Generally lower temperatures during the night hours and still some snow covering the ground. Still variable weather with light snowfall and overcast, but mostly increasing warmer days with blue sky and higher temperatures which has melted the snow a lot within few days. The temperatures are between +5C to - 14C.

The EGRIP FOM office:

EastGRIP field operations office
Kangerlussuaq, Greenland
Office: KISS, room 208
Postal address: Box 12, DK-3910
Phone: +299 84 11 51
Mobile: +299 52 41 25
E-mail: fom@egrip.camp

Kangerlussuaq FOM
Thomas Blunier, Tina Bang Christensen

Field Leader EGRIP
Jørgen Peder Steffensen