

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-17-5 EGRIP– SITUATION REPort (SITREP) no.17, Sunday 13. August 2017

This SITREP covers the period August 7– August 13, 2017 (inclusive).

Movement of personnel:

No movement of personnel

Movement of cargo:

No movement of cargo.

Camp activities:

White Garage tent moved, the snow hill rebuilt and the garage replaced on the new hill. The white garage now fully stocked again. Grooming skiway. Continued grooming of skiway stopped as snow and continued snowdrift made it unpractical. Washing windows of dome (inside) and it helped. Service on generator. Documentation of Mechanics garage, Documentation of Carpenters garage. First over winter hill made for drilling fluid and pipes. Documentation of food in cooks freezer. Updating the EGRIP database.

Science activities:

Logging without cutting the ice cores and storing them in core buffer continues. Work in physical properties laboratory continues. Water vapour sampling, methane sampling, boundary layer and meteorology measurements continued steadily throughout the week. Water isotope sampling for sublimation studies. GPS and drone measurements finished Tuesday at S shear margin. Packing and strapping ice core boxes. 2.2m Japanese pit study at the S3 shallow coring site. Temperature profiling in the S3 borehole.

Drilling activities:

Deep drilling continues in two shifts. Sunday was spent with borehole logging, calibration of the borehole logger and filtration of the borehole fluid. Shallow drilling the S3 core finished Wednesday at 133.1 m depth last bag 242. All S3 cores in excellent quality. Packing and documenting the shallow drill.

August 6. Drillers depth: 831.46 m.

August 13. Drillers depth: 883.80 m.

EGRIP Camp Population: 21

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

A 3 m satellite dish gives camp access to LAN, the web and IP phones.

EGRIP IP based phone numbers (preferred): +45 77347444 ext 401 (Field leader office)

+45 77347444 ext 4012(first floor in Dome)

Weather at EGRIP:

First half of the week it was sunny with few short snow showers. W and NW winds at 0 – 6 m/s. Second half of the week it was overcast with snow. Winds were from W to N and NW, up to 11 m/s. Temperatures between -25 C and - 6 C.

Kangerlussuaq activities:

Most of the week was spent preparing cargo for next week, cleaning around warehouse and sending a vehicle for service (Black Ford needs new ball joints).

EastGRIP field operations office

Kangerlussuaq, Greenland

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Weather in Kangerlussuaq/SFJ:

The weather in Kangerlussuaq has been sunny, dry and warm. Temperatures between +6 at night and +22C during the day. Mosquitos are not an issue anymore. Smoke from bushfires in the North still reach Kangerlussuaq when the wind is right.

EGRIP Field Operations office,

J.P.Steffensen