

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-18-5 EGRIP – SITUATION REPORT (SITREP) no.16, Sunday 12 August 2018

This SITREP covers the period August 06 – August 12, 2018 (inclusive).

Movement of personnel:

- 06. August:** Marie Kirk (DK) from Copenhagen to Kangerlussuaq (SFJ) by Air Greenland.
- 07. August:** Lise Lotte Winther Nielsen (DK), Stephen Yan Lie (US), Daniel Steinhage (G) from Copenhagen to Kangerlussuaq (SFJ) by Air Greenland.
- 07. August:** Joshua Nunn (US), Christopher D. Simpson (US) from New York to Kangerlussuaq (SFJ) by 109th.
- 08. August:** Bruno Stocker (CH) from Copenhagen to Kangerlussuaq (SFJ) by Air Greenland.
- 09. August:** Marie Kirk (DK), Lise Lotte Winther Nielsen (DK), Bruno Stocker (CH), Stephen Yan Lie (US), Joshua A. Nunn (US), Christopher D. Simpson (US), Daniel Steinhage (G), Iben Koldtoft (DK), Ole Damgaard (DK-DV), Knud Rasmussen (DK-DV) from Kangerlussuaq (SFJ) to EGRIP by skier 109th.
- 09. August:** Jan T. Justesen (DK), Karl Emil Nielsen (DK), Nan Zhang (CHN), Nicolas Stoll (D), William Skorski (US), Tyler Jones (US), Sonja Wahl (D/NO), Line Molzen (DK), Anders Svensson (DK), Susanne Lilja Buchardt (DK), Sindhu Vudayagiri (IND/DK), Sarah Berben (BE/N), Anne-Katrine Faber (DK/N), Peter Ditlevsen (DK), Daniel Ashurst (UK), Atsushi Furusaki (J), Tomotaka Saruya (J), Aleksei Podoliak (RUS), Jens Christian Hillerup (DK), Sergio Henrique Faria (BRA/J), Chuanjin Li (CHN), Andreas Born (DE/N), Jonathan Rheinländer (DK/N), Aslak Grinsted (DK), Silje Smith-Johnsen (N), Julien Westhoff (D), Khanghyun Lee (KOR), Ole Damgaard (DK-DV), Knud Rasmussen (DK-DV) from EGRIP to Kangerlussuaq (SFJ) by skier 109th.
- 09. August:** Jens Christian Hillerup (DK) and Karl Emil Nielsen (DK) from Kangerlussuaq (SFJ) to Copenhagen by Air Greenland.
- 10. August:** Peter Ditlevsen (DK) hiking to Sisimiut and roundtrip to Ilulissat.
- 10. August:** Nicolas Stoll (D), Sonja Wahl (D/NO), Julien Westhoff (D) from Kangerlussuaq (SFJ) to Sisimiut (JHS) by Air Greenland.
- 10. August:** Jan T. Justesen (DK), Line Molzen (DK), Anders Svensson (DK), Sindhu Vudayagiri (IND/DK), Sarah Berben (BE/N), Anne-Katrine Faber (DK/N), Jonathan Rheinländer (DK/N), Aslak Grinsted (DK), Silje Smith-Johnsen (N), Khanghyun Lee (KOR) from Kangerlussuaq (SFJ) to Copenhagen (CPH) by Air Greenland.

11. August: William Skorski (US), Tyler Jones (US), Susanne Lilja Buchardt (DK), Daniel Ashurst (UK), Atsushi Furusaki (J), Tomotaka Saruya (J), Sergio Henrique Faria (BRA/J), Chuanjin Li (CHN) from Kangerlussuaq (SFJ) to Copenhagen by Air Greenland.

12. August: Nan Zhang (CHN) and Aleksei Podoliak (RUS) from Kangerlussuaq (SFJ) to Copenhagen by Air Greenland.

Movement of cargo:

06. August: 3 cll. /185kg/Royal Arctic Line/Purchases from CIC and DMI.

06. August: 4 cll./Royal Arctic Line/Disko project retro cargo (ice core boxes and Nansen sleds) from Godhavn.

09. August: SFJ to EastGRIP by 109th / 3500kg Cargo / 4600 L fuel / 3 x AF pallets: Mill Cross Alabama Radar, food and personal luggage.

09. August: EastGRIP to SFJ by 109th / 5685 kg Cargo / 3 x AF pallets: Ice cores, equipment and luggage.

EGRIP camp activities:

Monday was the last day of drilling and processing of 2018. Since then, camp personnel has been busy packing, documenting, doing inventory and taking down small tents and two weatherports. On Thursday, camp received a plane with a last group exchange people. The Skiway had been groomed after significant fresh snowfall and flight operations ran smoothly. Skiway was so good that Skier 91 (with new propellers) was able to take off at -3 C with a 19,100 lbs payload using 2/3 skiway. The ceiling of the snow caves is now being trimmed above any structure so that 30 cm free space is obtained. Preparations for installing new kitchen equipment in main dome.

Drilling:

Drilling continued to Monday 02:00 where the last core of 2018 was drilled (a final drillers's depth of 1754m in 2018), then some filter runs were performed. The final cores were logged from 1757.44 m to **1767.57 m (final depth for 2018). Drilling operations have ended for 2018.**

Science:

Processing from 1714.35 m to 1765.10 m (bag 3199 final bag for 2018).

Isotope laboratory closed down for 2018 (bag 2560 final bag for 2018).

Physical properties lab closed down for 2018 (bag 3117 last bag for 2018). Packing of PP lab.

Monday was the last day of sampling in the surface program and also the day of the last vapor drone flight.

All camp personnel participated in winterizing and packing down in camp.

The deep borehole was logged Tuesday.

At the end of the week, the first tests of the Alabama radar began.

EGRIP Camp Population: 32 in beginning of the week and 13 after crew change.

EGRIP iridium numbers:

Primary no.: +8816 7776 2837

Iridium Open port, field leader

Secondary no.: +8816 7776 2838
Third no.: +8816 7776 2839

Common phone, main dome
Handheld satellite phone

EGRIP night time phone to field leader: +8816 234 94 868 or +45 7734 7444 ext. 490

EGRIP direct phone: +45 7734 7444 ext. 401

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

Weather at EGRIP:

Monday morning fog and fine, Tuesday and Wednesday, warm, partly thin overcast. Thursday and Friday, warm, overcast, clearing in evening, On Wednesday another warm day with -0.5 C. Temperatures were between -22 C and - 0.5 C and the wind was between 4 and 14 knots most days from 220-270T.

Kangerlussuaq activities:

Picked up food and spareparts from Air freight and sleds and spareparts from Royal Arctic Line. Received 7 people in Kangerlussuaq, packed 3 pallets of cargo, received 27 people from the field and three pallets of ice and equipment. Ice is now in freezer in Kangerlussuaq.

Weather in Kangerlussuaq/SFJ:

Mostly fine with rain and low clouds in a few nights. Temperatures between 6 and 23 degrees. Mosquito situation has improved, only a few remain.

The EGRIP FOM office:

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Kangerlussuaq FOM
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Dorthe Dahl-Jensen