

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-23-7 EGRIP – SITUATION REPORT (SITREP) no. 13, Sunday 16 July 2023

This SITREP covers the period July 10 – July 16, 2023 (inclusive).

Movement of personnel:

- 11 July** Kyra Streng (DE) from Copenhagen to Kangerlussuaq by Air Greenland.
- 12 July** Steffen Ringsø Nielsen(GRL-DV) and Anton Berggren Abrahamsen(GRL-DV) from Sisimiut to Kangerlussuaq by Air Greenland.
- 13 July** Charlotte Runge(DK), Jonathan Ortved Melcher(DK), Mario Pinto(CAN-DV) and Bettina Ovgaard Petersen(DK-DV) from Copenhagen to Kangerlussuaq by Air Greenland
- 14 July** Charlotte Runge(DK), Jonathan Ortved Melcher(DK), Kyra Streng (DE), Steffen Ringsø Nielsen(GRL-DV), Anton Berggren Abrahamsen(GRL-DV), Mario Pinto(CAN-DV), Bettina Ovgaard Petersen(DK-DV) and Mike Oerlingur Andersen(DK-DV) from Kangerlussuaq to EGRIP by 109th.
- 14 July** Ilka Weikusat(DE), Eliza Cook(DK/UK), Aira Kamic(DK), Jinhwa Shin(KOR), Kyra Streng (DE), Steffen Ringsø Nielsen(GRL-DV), Anton Berggren Abrahamsen(GRL-DV), Mario Pinto(CAN-DV), Bettina Ovgaard Petersen(DK-DV) and Mike Oerlingur Andersen(DK-DV) from EGRIP to Kangerlussuaq by 109th.
- 15 July** Steffen Ringsø Nielsen(GRL-DV) and Anton Berggren Abrahamsen(GRL-DV) to Sisimiut from Kangerlussuaq by Air Greenland
Mario Pinto(CAN-DV) from Kangerlussuaq to Copenhagen by Air Greenland
- 16 July** Kyra Streng(DE) from Kangerlussuaq to Ilulissat by Air Greenland
- 16 July** Ilka Weikusat(DE), Eliza Cook(DK/UK) and Jinhwa Shin(KOR) from Kangerlussuaq to Copenhagen by Air Greenland.

Movement of cargo:

- 14 July** Dry food, rubber cover, 400 l MOGAS, luggage, rock drill 1150 kg, 10,000 liter fuel from Kangerlussuaq to EGRIP by 109th. Total: 24,800 lbs.
- 14 July** Ice cores, AWI science equipment, spareparts for Flexmobil and Flexmobil no 2.(yellow shovel) total 17280 lbs. from EGRIP to Kangerlussuaq by 109th.

EGRIP camp activities: Skiway and apron were groomed in preparation of the flight on Friday, and groomed again afterwards as well. All access ramps to the underground trenches have been cleared for snowdrifts. Flexmobil no.2 was prepared for transport, and Friday it was successfully sent to Kangerlussuaq. Together with cargo prepared for return transport. The dishwasher was repaired. On Friday camp received DV visitors that arrived on Skier 51 along with a crew exchange. With the addition of a new rubber triangle, stapling of the rubber cover on the dome is completed. In carpenters garage, items were inventoried and sorted out for things to go to Kangerlussuaq and things to stay in camp. Organized medical equipment including first aid stations in camp.

Drilling:

As no drilling with the ice core drill this week was possible due to an obstacle at the bottom of drill hole, the drillers packed several drill boxes for shipment. Tested and repaired loggers. Part of rock drill tested.

Calibrated new logger. Vacuumed bottom of drill hole with rock drill. Repaired top plug and slip ring. Camera and bailer lowered to bottom. Repaired slip ring again. Calibration of new logger. Camera and bailer into borehole again. Electrical short in slip ring gone. Last repairs on new logger. Test of conductivity of bottom drill fluid. Glycol/water solution is conductive. Mounted rock drill. Drilled 90 cm of rock drill core. Calibration of old logger in stand.

Science:

Packed AWI equipment in science trench. Dug a 1.9 m double walled pit for tephra and O18. Drilled cores through roof of drill trench and inclined trench to check roof thickness. Preparation for next year extension of casing. Finalized documentation of 2023 ice core boxes. Drilled hole in the roof just over the drill hole.

No logging this week. Logging depth: 2663.73 m.

No processing anymore. Processing depth: 2657.05 m bag 4831.

EGRIP Camp Population: 12

Weather at EGRIP:

Mostly Low clouds and morning ground fog with some sunny periods. Wind between calm and 11 kt from mainly W and SW. Temperatures between -17 C and -2 C. No precipitation.

Kangerlussuaq activities:

Maintaining EGRIP website. Receiving Visitors from University of Manitoba, DTU Arctic in Sisimiut and Arctic Command in Nuuk/Copenhagen/Kangerlussuaq. Loading and unloading LC-130 plane. Flexmobil successfully delivered in Kangerlussuaq. Sorting out cargo in warehouse.

Weather in Kangerlussuaq/SFJ:

Mixed weather with still low temperatures for the season. Still moderate mosquito counts. Weather is still very wet and overcast. Many normally dry paths and tracks are boggy and wet. Water level in the Watson River is increasing, and now at more normal levels for this time of year.

EGRIP camp communication:

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EGRIP web cam <http://alice.egrip.camp/>

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