

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

Expedition Permit C-22-5 EGRIP – SITUATION REPORT (SITREP) no.11, Sunday 03 July 2022

This SITREP covers the period June 27 – July 03, 2022 (inclusive).

Movement of personnel:

- 27.06.2022 Brandon Thomas McDonald (CH/US, TUNU team), Drake Owen McCrimmon (US, TUNU team), Joseph Robert McConnell (US, TUNU team), Sophia Michele Wensman (US, TUNU team), Bo Møllesøe Vinther (DK), Alan Gilbertson (CA, AWI KBA crew), Victoria Grahm (CA, AWI KBA crew) and Lucius Cirtwill (CA, AWI KBA crew) from EGRIP to Kangerlussuaq by Polar 5 Basler (C-GAWI).
- 28.06.2022 Clemens Gollin (DE) and Dennis Ludwig (DE, AWI KBA crew) from Kangerlussuaq to Copenhagen by Air Greenland.
- 28.06.2022 Alan Gilbertson (CA, AWI KBA crew), Victoria Grahm (CA, AWI KBA crew) and Lucius Cirtwill (CA, AWI KBA crew) from Kangerlussuaq to EGRIP by Polar 5 Basler (C-GAWI).
- 28.06.2022 Patrick Smith (US, TUNU team), Eidur Smári Valsson (IS/US, TUNU team), Nathan John Chellman (US, TUNU team), Elliot Richard Moravec (US, TUNU team), Tanner Kuhl (US, TUNU team), Bruno Max Stocker (CH), Alan Gilbertson (CA, AWI KBA crew), Victoria Grahm (CA, AWI KBA crew) and Lucius Cirtwill (CA, AWI KBA crew) from EGRIP to Kangerlussuaq by Polar 5 Basler (C-GAWI).
- 29.06.2022 Brandon Thomas McDonald (CH/US, TUNU team), Bo Møllesøe Vinther (DK) and Eidur Smári Valsson (IS/US, TUNU team) from Kangerlussuaq to Copenhagen by Air Greenland.
- 30.06.2022 Alan Gilbertson (CA, AWI KBA crew), Victoria Grahm (CA, AWI KBA crew) and Lucius Cirtwill (CA, AWI KBA crew) from Kangerlussuaq to Bremen via Keflavik and Stavanger by AWI Basler Polar 5 (C-GAWI).
- 30.06.2022 Drake Owen McCrimmon (US, TUNU team), Joseph Robert McConnell (US, TUNU team), Sophia Michele Wensman (US, TUNU team), Patrick Smith (US, TUNU team), Nathan John Chellman (US, TUNU team), Elliot Richard Moravec (US, TUNU team) and Tanner Kuhl (US, TUNU team) from Kangerlussuaq to NY by ANG.
- 30.06.2022 Eirini Malegiannaki (DK/GR) from Kangerlussuaq to Copenhagen by Air Greenland.
- 01.07.2022 Bruno Max Stocker (CH) and Iben Koldtoft (DK) from Kangerlussuaq to Copenhagen by Air Greenland.

Movement of cargo:

- 27.06.2022 From TUNU to EGRIP by Polar 5 Basler, 3 full drums of MOGAS, camp gear and drilling equipment of TUNU team gear.
- 27.06.2022 TUNU team Basler received 6915 liters of fuel from EGRIP tanks for the TUNU shuttle flights and the two flights from EGRIP to SFJ on June 26-27-28.
- 27.06.2022 From EGRIP to SFJ by Polar 5 Basler, estimated 300 lbs. of scientific + logistics equipment.
- 28.06.2022 From SFJ to EGRIP by Polar 5 Basler, estimated 5104 lbs. of dry food (1500 kg) and 4x 205L MOGAS drums.
- 28.06.2022 From EGRIP to SFJ by Polar 5 Basler, estimated 300 lbs. of TUNU + EGRIP logistics equipment.
- 30.06.2022 From SFJ to Bremerhaven by Royal Arctic Line one 20" ship container for AWI/Polar 5.
- 01.07.2022 From SFJ to CPH by Air Greenland, 16 kg of theodolite instrument for reparation (1 colli).

EGRIP camp activities:

The TUNU pull-out was assisted with four Polar 5 shuttle flights and two Polar 5 missions to SFJ. The TUNU ice core, two Arctic trucks and camp equipment are now stored at EGRIP until the next LC-130 flight period.

Drilling:

The deep drill setup is being made ready. This week the inclined trench was made wider and deeper. The casing was shortened to make free passage for the drill and drill tower. The drill liquid collecting trays were mounted, ventilation and webcam were installed. Next step is to spool the new cable on the winch.

Science:

The German shallow drill obtained a 102m ice core from the ice stream shear zone NE of camp.

There have been extensive surveys with the EGRIP radar that made 2x 100 km round trips and several shorter trips from camp. Several of the ApRES positions have also been surveyed.

The drone has been flying whenever weather permitted, in total more than 70 flights have been carried out. The ceilometer is very useful for securing those flights stay below cloud level.

EGRIP Camp Population: 28**Weather at EGRIP:**

It has been overcast most of the week with winds (0-16 kt) mostly from east. Temperatures -21°C to -5°C.

Kangerlussuaq activities:

First half of the week was used to help with the Polar 5 logistics missions between EGRIP camp and Kangerlussuaq. The plane was loaded and unloaded several times with EGRIP, AWI and TUNU cargo. By mid-week the skies were unmounted and the Basler left for Bremen. The AWI Polar 5 sea container was shipped back to Bremerhaven. Second half of the week the Field Operation Manager office was closed due to covid-19.

Weather in Kangerlussuaq/SFJ:

Mix weather of both rainy day, cloudy days and sunny days. Temperatures between +4°C and +18°C. Mosquito count moderate.

The EGRIP FOM office:

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