

TO EGRIP STEERING COMMITTEE MEMBERS, DANISH AND GREENLANDIC AUTHORITIES.

EGRIP (Expedition Permit C-24-05) – SITuation REPort (SITREP) no. 06, Sunday 2 June 2024

This SITREP covers the period 27 May – 2 June 2024 (inclusive).

Movement of personnel:

None

Movement of cargo:

1 June: (AWB 631-28362235) 283 kg of Zarges boxes (mostly empty) from Copenhagen to Kangerlussuaq by Air Greenland.

1 June: (AWB 631-28362563) 126 kg of food from Copenhagen to Kangerlussuaq by Air Greenland.

EGRIP camp activities:

The last buried fuel tank was raised to the surface. The skiway was groomed and the apron load pad was prepared for Skier operations. Continued sorting/moving of equipment in ramp and drill trench, as well as bringing the first items/boxes to the apron. Removing elevator from elevator shaft and grooming in camp after this week's windy conditions.

Drilling: Testing of deviation drilling equipment showed promising results after an initial setback caused by the hole being blocked by chips from the groove-cutting needed to initiate the deviation drilling. Using a spring to catch the groove that was previously broached, the sideways cutting drill was hoisted up and down over the same section in the bore hole to gradually make a deviation. The deviation test also marked the last drilling to be carried out in the EGRIP deep bore hole.

The hole has been filtered. The camera has been deployed, but the drilling liquid is not sufficiently transparent to allow inspection of the bore-hole walls.

The logger was calibrated, taking advantage of calm conditions Wednesday.

The white tent is being prepared for intermediate drilling including ice-core logging area. Hand-held ECM setup tested.

Science: Experiments with the deployment of the CryoEgg and the CryoPølse have been ongoing. Data transmissions from the egg from a depth of 2.5 km below the surface proved successful, while the signal from the CryoPølse was lost at 900 m and 1600 m depth, respectively.

7 ApRES stations have been recovered so far.

EGRIP Camp Population: 12.

Weather at EGRIP:

Mon-Wednesday unrestricted visibility and moderate to strong winds mostly from southwesterly directions, dying out Wednesday. From Thursday stronger winds from northerly directions, leading to low visibility and blowing snow. Lighter winds from NW and many sunny spells during the weekend. Temperatures from -25°C to -10°C .

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Kangerlussuaq activities:

Unpacking and organizing retro cargo and slowly preparing for next flight period. The broken Pistenbully has been moved to a container flat-rack and strapped down, ready for shipping.

Weather in Kangerlussuaq/SFJ:

Still relatively cold for the season, most days around the freezing point. Several days with rain, snow and hail. Only clear day was Thursday. Mosquito situation: None.

The EGRIP FOM office is open:

EastGRIP field operations office
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