

NEEM - SITREP no.09, Sunday 26. June 2011.

This SITREP covers the period June 20 – June 26, 2011 (inclusive).

Movement of personnel:

June 26 Frederic Prie (F) from Copenhagen to Kangerlussuaq (CPH) by Air Greenland.

Movement of cargo:

June 25 362 KG science cargo and resupply from Copenhagen to Kangerlussuaq by Air Greenland
AWB 117 2772 8702, 5KG Columbia University Science cargo from Copenhagen to
Kangerlussuaq by Air Greenland

Activities:

Many different tasks were carried out this week. An inventory of the food was made. General service of vehicles and main generator. Adjusting and repairing of the saws in the sciencetrench. Taking down and packing Gas-lab equipment and the lab itself. However most effort was put into the work of finishing the 400m shallow core before next crew change.

Skiway:

The skiway has been inspected regularly. Since the weather was fine and stable it was decided to leave it most of the week. Friday came a change in the weather with a little snow and some wind. Sunday the work with grooming the skiway started. With the current temperatures the condition of the skiway looks promising.

Drilling:

The drilling went well all week and after adjusting drill liquid level good ice core were produced. In order to reach the final depth before the deadline, two drilling teams was drilling in shift 24 hours the last days and a depth slightly deeper than the A.D. 79 volcanic eruption was reach Friday evening . Then a new drill hole was started Saturday in order to do a deviation drilling test. Also work on connecting the new AWI drill to the 1000m winch started.
Driller's depth final depth in the NEEM 2011 S1 hole: 411.83m
Driller's depth, NEEM 2011 S2 hole: 32.5m

Science:

The CFA lab has been running all week in order to try to measure the Brittle zone ice. Starting in the top of the zone it went well but soon the core quality deteriorated. And in the end of the week occasionally whole 1.10m sections had to be skipped.
Picarro gas and isotope have been disrupted and the GIL instrument is packed down.
The GIL lab packed and moved to the surface.
CFA deep main core and brittle ice production this week: XXX.XX m
Processing NEEM S1 420 m core: Bags 520- XXX.XX (XXX.XX m)

AWI surface radar traverse finished the 22 gridlines.

Weather at NEEM:

The weather this week has been very warm with a record for this season at -1.6 C.
But in general nice weather with clouds and sunny spells, occasionally ground fog.
Temperatures between -1,6 C to -16 C and wind speeds at 4-15 knots from all directions.

NEEM camp population: 23

NEEM iridium numbers:

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Kangerlussuaq/SFJ iridium number: +8816 214 42402

Kangerlussuaq Activities:

Preparing cargo and pallets for the coming two flights to NEEM.

Weather in Kangerlussuaq/SFJ:

Nice weather in general. Sunny with few clouds and windy in the weekend and a few showers occurred.
Day temperatures between 6 C and 22 C.
Amount of Mosquitoes increasing.

*NEEM Field Operations office,
Lars Berg Larsen*