

**Greenland Institute of Natural Resources (GINR)
with field stations in Kobbefjord (KB) and Niaqornat (NQ)**

Category	Sub-Category	
Website		www.natur.gl, www.g-e-m.dk
Country		Greenland
Opening year		GINR 1998 (KB 2010, NQ 2007)
Operational period		Year-round (KB: May-September)
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	- - -
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Greenland Institute of Natural Resources Government Greenland Institute of Natural Resources info@natur.gl, booking@natur.gl www.natur.gl
Other institutions	Name Country	- -
Location	Geographical coordinates Altitude of station Min. altitude within study area Max. altitude within study area Nearest town/settlement Distance to nearest town/settlement Map	64°11'00"N, 51°41'00"W (KB: 64°08'00"N, 51°23'00"W; NQ: 70°47'00"N, 53°40'00"W) 50 m a.s.l. (KB: 5 m a.s.l., NQ: 30 m a.s.l.) 0 m a.s.l. 1600 m a.s.l. Nuuk (16 000 inhabitants); NQ: Uummannaq (1200 inhabitants) Nuuk: 0 km (KB: 20 km, NQ: 60 km) Map (1:75 000), aerial image, satellite image, Google Earth
Climate	Climate zone	Low Arctic
	Permafrost	Sporadic (NQ: discontinuous)
	Years measured	1958-2010 (NQ: 1961-2006)
	Mean annual temperature	-0.9 °C (KB: -0.9 °C; NQ: -4.4 °C)
	Mean temperature in February	-7.8 °C (KB: -7.8 °C; NQ: -13.8 °C)
	Mean temperature in July	6.9 °C (KB: 6.9 °C; NQ: 8.1 °C)
	Mean annual wind speed	5.9 m/s (KB: 5.9 m/s; NQ: 3.7 m/s)
	Max. wind speed	36 m/s
	Dominant wind direction	N
	Total annual precipitation	782 mm (KB: 782 mm; NQ: 200 mm)
Precipitation type	Rain, snow (NQ: snow, rain)	
Ice break up	Lakes: May/June; fjord: May (KB); Sea: open water all year round (NQ: June)	
Station facilities	Area under roof	1850 m ² (KB: 55 m ² ; NQ: 69 m ²)
	Scientific laboratories	C. 250 m ² (KB: 15 m ² , NQ: 90 m ²)
	Logistic	1500 m ² (KB: 40 m ² ; NQ: 69 m ²)
	Number of rooms (beds)	Nuuk: 48 offices, 8 laboratories, 4 meeting rooms, 9 storage rooms, 13 rooms/apartments (21 beds), 1 canteen; KB: 1 room (4 beds), 1 lab; NQ: 2 rooms (4 beds), 1 living room
	Number of staff on station (peak/off season)	50/50 (KB: 4/0; NQ 0/0)
	Max. number of visitors at a time	20-25 (KB: 4, plus tents; NQ: 7)
	Showers	Yes (KB: yes; NQ: no)
	Laundry facilities	Yes (only in Nuuk)
Power supply (type)	Nuuk and NQ: 230 V (Eurasian type plugs); KB: fossil fuel generator (230 V)	
Power supply	24 hours per day	
Scientific equipment	Specific device	Advanced laboratory equipment (only in Nuuk)
	Scientific services offered	Free technical support (Nuuk); free access to extensive ecosystem baseline data (Nuuk, KB)
Medical facilities	Medical facilities	Nuuk: well equipped; KB: standard; NQ: basic
	Medical suite	Yes (only in Nuuk)
	No. of staff with basic medical training or doctor	Nuuk Hospital with staff (KB, NQ: none)
	Distance to hospital (estimated time)	5 km, 5 min (KB: 20 km, 1 hour by boat; NQ: 60 km to Uummannaq, 1 hour by helicopter)
Compulsory safety equipment	VHF radio	
Recommended safety equipment	First aid kit, satellite phone, weapon (in some cases)	
Landing facilities	Airstrip (Length × Width)	950 × 18 m (only in Nuuk: airport is regular operated by "Greenland Airports")
	Airstrip surface	Tarmac
	Helipad	Yes (KB: helicopter may land, but no helipad)
	Ship landing facilities	Nuuk: port, langing wharf, pier, pontoon; KB: sledges; NQ: landing wharf
Vehicles at station	Sea transportation	Ship, motor boat, zodiack, smaller motor boat for KB and NQ
	Land transportation	Car (only Nuuk), foot (KB, NQ), snowmobile, dog sledge (NQ)
Transport and freight	Transport to station	Plane, helicopter (Nuuk, NQ), Boat (KB)
	Number of ship visits per year (period)	Nuuk: c. 55, KB: 2-3 weekly by small motorboat (May-December); NQ: 13 freight ships annually (May-December)
	Number of flight visits per year (period)	Nuuk: several per day; KB: none; NQ: 1-2 per week (year-round)





Features within the study area

- Ice cap or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other

Yes
 No

Main science disciplines

- Anthropology, sociology, archaeology
- Astrophysics
- Atmospheric chemistry and physics
- Isotopic chemistry
- Climatology, Climate Change
- Environmental sciences, Pollution
- Geodesy
- Geology, Sedimentology
- Geophysics
- Glaciology
- Geocryology, Geomorphology
- Soil science
- Human biology, Medicine
- Mapping, GIS
- Marine biology
- Oceanography, Fishery
- Microbiology
- Hydrology
- Terrestrial biology, Ecology
- Paleolimnology
- Paleoecology
- Limnology

Workshop facilities

- Metal workshop
- Wood workshop
- Plexiglas workshop
- Staff available to assist with constructions

Communication

- Telephone
- Satellite phone
- VHF
- E-mail
- Internet
- Computer
- Printer
- Scanner
- Fax