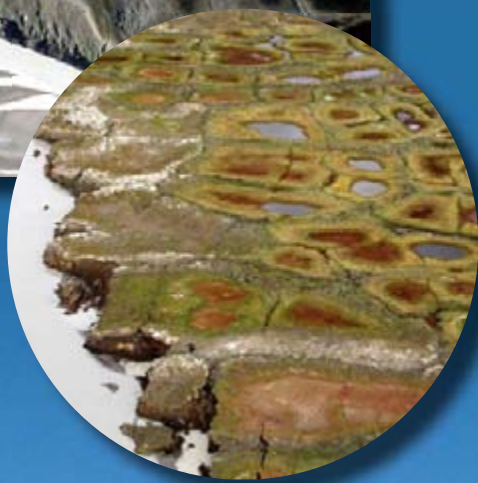


Category	Sub-Category	CEN Bylot Island Field Station
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Website		www.cen.ulaval.ca/bylot/	
Country		Canada	
Opening year		1989	
Operational period		May-August	
Permitting issues categories	Permits required for access to the station	Yes (must be required via Parks Canada; http://www.pc.gc.ca/apps/rps/page1_e.asp)	
	Permits required for studies	Yes	
	Contact (permit issues)	cen@cen.ulaval.ca	
Facility owner and manager	Name of the facility owner	Centre d'études Nordiques (CEN)	
	Owner status	Government	
	Institution responsible for managing the station	CEN at Université Laval	
	Contact (access to station)	gilles.gauthier@bio.ulaval.ca	
	Website (institution)	www.cen.ulaval.ca	
Other institutions	Name	–	
	Country	–	
Location	Geographical coordinates	73°8'N, 80°00'W	
	Altitude of station	20 m a.s.l.	
	Min. altitude within study area	0 m a.s.l.	
	Max. altitude within study area	1300 m a.s.l.	
	Nearest town/settlement	Pond Inlet (Mittimatalik; 1300 inhabitants)	
	Distance to nearest town/settlement	85 km	
	Map	Google Earth with low resolution	
Climate	Climate zone	High Arctic	
	Permafrost	Continuous	
	Years measured	Since 1994	
	Mean annual temperature	-15 °C	
	Mean temperature in February	-35 °C	
	Mean temperature in July	6.1 °C	
	Mean annual wind speed	1.9 m/s	
	Max. wind speed	9.6 m/s	
	Dominant wind direction	E	
	Total annual precipitation	220 mm	
	Precipitation type	Snow, rain	
	Ice break up	Lake: June/July; River: May/June; Sea: July	
	Station facilities	Area under roof	132 m ²
		Scientific laboratories	26 m ²
Logistic		106 m ²	
Number of rooms (beds)		3 bedrooms (2 bunkbeds each, 12 beds total), 1 laboratory, 1 kitchen, dome tents are also available	
Number of staff on station (peak/off season)		0/0	
Max. number of visitors at a time		18	
Showers		Yes	
Laundry facilities		–	
Power supply (type)		Solar with a back-up fossil fuel generator (12V/110V), North American two/three-pin plugs (type A/B)	
Power supply		24 hours per day	
Scientific equipment	Specific device	Some laboratory equipment available (drying oven, electronic balance, microscope/binocular, glassware)	
	Scientific services offered	Access to extensive climate data records	
Medical facilities	Medical facilities	–	
	Medical suite	–	
	No. of staff with basic medical training or doctor	– Pond Inlet: nurses only; Iqaluit: doctors and nurses	
	Distance to hospital (estimated time)	By plane – Health Centre in Pond Inlet (85 km) and Hospital in Iqaluit (1200 km, duration depends on helicopter availability and weather conditions)	
	Compulsory safety equipment	VHF radio	
Recommended safety equipment	Pepper spray, first aid kit, scaring pistol, weapon		
Landing facilities	Airstrip (Length × Width)	Twin Otter on skis (until ~31 May; landing on lake 50 m from camp) or wheels (June to August; landing strip 5 km from camp), length unknown	
	Airstrip surface	Snow, gravel or clay	
	Helipad	Yes (landing area 50 m from camp)	
	Ship landing facilities	–	
Vehicles at station	Sea transportation	–	
	Land transportation	Snowmobile (snow season only)	
Transport and freight	Transport to station	Commercial flights to Pond Inlet airport only; Twin Otter, helicopter or snowmobile from there	
	Number of ship visits per year (period)	–	
	Number of flight visits per year (period)	Every week (several times depending of season, May and August)	





Features within study area

● Yes
○ No

- Ice cap or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other (High mountain peaks and glaciers, extensive low-elevation areas covered by heterogeneous tundra vegetation, wetlands, lakes, coastline, glaciers, glacial features, permafrost)

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 (Only one computer for internet and e-mails)
- Internet (hi-speed internet currently on)
- Computer
- Printer
- Scanner
- Fax

