



Category	Sub-Category	CEN Ward Hunt Island Station
Website		www.cen.ulaval.ca/en/page.aspx?lien=stationwardhunt
Country		Quttinirpaaq National Park, Nunavut, Canada
Opening year		1998
Operational period		June-August
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	Yes Yes Via Parks Canada (www.pc.gc.ca/apps/rps/page1_e.asp) and Nunavut Research Institute (www.nri.nu.ca/)
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Centre d'études Nordiques (CEN) and Parks Canada Government CEN at Université Laval warwick.vincent@cen.ulaval.ca or cen@cen.ulaval.ca www.cen.ulaval.ca , www.pc.gc.ca/eng/index.aspx
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	83°06' N, 74°10' W 5 m a.s.l. 0 m a.s.l. 400 m a.s.l. Grise Fiord (140 inhabitants) 800 km Aerial image, Google Earth
Climate	Climate zone Permafrost Years measured Mean annual temperature Mean temperature in February Mean temperature in July Mean annual wind speed Max. wind speed Dominant wind direction Total annual precipitation Precipitation type Ice break up	High Arctic Continuous Since 1995 -17.3 °C -33 °C -1 °C 3.3 m/s 29 m/s SSW 150 mm All July or August
Station facilities	Area under roof Scientific laboratories Logistic Number of rooms (beds) Number of staff on station (peak/off season) Max. number of visitors at a time Showers Laundry facilities Power supply (type) Power supply	50 m ² 25 m ² 25 m ² 3 rooms (8 beds), 1 living area, 1 kitchen, 1 lab 0/0 8 to 9 – – Solar and heated by oil and propane, generator on site 24 hours per day
Scientific equipment	Specific device Scientific services offered	Some basic laboratory equipment available (microscope/binocular, glassware) Access to extensive climate data records
Medical facilities	Medical facilities Medical suite No. of staff with basic medical training or doctor Distance to hospital (estimated time) Compulsory safety equipment Recommended safety equipment	– – – Chartered 2000 km flight to Iqaluit, Nunavut (several hours) Weapon, first aid kit, satellite phone Weapon, first aid kit, satellite phone, pepper spray
Landing facilities	Airstrip (Length × Width) Airstrip surface Helipad Ship landing facilities	300 × 40 m Gravel – (helicopter lands on level ground) –
Vehicles at station	Sea transportation Land transportation	Boat, zodiac for freshwater work –
Transport and freight	Transport to station Number of ship visits per year (period) Number of flight visits per year (period)	Chartered flight, helicopter – –



Features within study area

- ☒ Ice cap or glacier
- ☒ Permanent snowpatches
- ☒ Mountain
- ☒ Valley
- ☒ Shoreline
- ☒ Tundra
- ☐ Tree line
- ☒ Other (High Arctic desert, epishelf lakes, fjords, lakes, coastline, glaciers, glacial features)

☒ 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

