

Category	Sub-Category	Western Arctic Research Centre (WARC)
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Website		http://rwtresearch.com
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Country		Canada
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Opening year		1964
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Operational period		Year-round
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Permitting issues categories	Permits required for access to the station	Yes
	Permits required for studies	Yes
	Contact (permit issues)	licence@nwtresearch.com

Facility owner and manager	Name of the facility owner	Aurora College, Government of the Northwest Territories
	Owner status	Government
	Institution responsible for managing the station	Aurora Research Institute
	Contact (access to station)	logistics@nwtresearch.com
	Website (institution)	http://rwtresearch.com

Other institutions	Name	-
	Country	-

Location	Geographical coordinates	68°21' N, 133°43' W
	Altitude of station	15 m a.s.l.
	Min. altitude within study area	0 m a.s.l.
	Max. altitude within study area	1700 m a.s.l.
	Nearest town/ settlement	Inuvik (3300 inhabitants)
	Distance to nearest settlement	0 km
	Map	Aerial image, satellite image, Google Earth, topographic maps



Climate	Climate zone	Subarctic
	Permafrost	Continuous
	Years measured	1981-2010
	Mean annual temperature	-8.2 °C
	Mean temperature in February	-25.5 °C
	Mean temperature in July	14.1 °C
	Mean annual wind speed	2.6 m/s
	Max. wind speed	3.4 m/s
	Dominant wind direction	E
	Total annual precipitation	241 mm
	Precipitation type	Snow, rain
	Ice break up	River: May, Lakes: May/June, Coast: June

Station facilities	Area under roof	1320 m ²
	Scientific laboratories	105 m ²
	Logistic	240 m ² indoors; 3 unheated warehouses and a large, secured yard
	Number of rooms (beds)	4 houses (each with 6 beds, living room, kitchen, bathroom); 10 extra dorm-style beds available during high season (summer); 15 offices, 3 labs, 3 meeting rooms, loading bay/staging area
	Number of staff on station (peak/ off season)	18/12
	Max. number of visitors at a time	24 in residence, 75 in research centre
	Showers	Yes
	Laundry facilities	Yes
	Power supply (type) Power supply	120 V, North American 2 and 3 pin plugs 24 hours per day

Scientific equipment	Specific device	Fume hoods, distilled and deionized water, fridge and freezer space, herbarium, and a range of general-use lab equipment
	Scientific services offered	Research licensing support, research library, carpentry and mechanical support, shipping/receiving, gear storage, technical and field support

Medical facilities	Medical facilities	Well equipped; regional hospital open 24 h per day with emergency services (including ambulance)
	Medical suite	Emergency services and staffed hospital in town
	No. of staff with basic medical training or doctor	-
	Distance to hospital (estimated time)	Less than 1 km, 2 min drive
	Compulsory safety equipment	-
	Recommended safety equipment	First aid kit, satellite phone, wildlife control (bear spray or firearm), GPS

Landing facilities	Airstrip (Length x Width)	Inuvik airport is 1830 x 46 m
	Airstrip surface	Asphalt
	Helipad	Yes, at airport
	Ship landing facilities	Yes, in town

Vehicles at station	Sea transportation	Motor boats (also smaller motor boats and canoes for use in the Mackenzie Delta)
	Land transportation	Car rental in town; station owns snowmobiles and ATV

Transport and freight	Transport to station	Commercial plane, road (via Dempster Highway); cargo can also be shipped to Inuvik by barge
	Number of ship visits per year (period)	Up to 10 (July - September)
	Number of flight visits per year (period)	Several commercial flights per day (year-round)