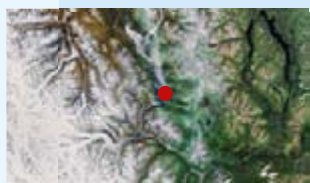


Category	Sub-Category	Kluane Lake Research Station
Website		www.arctic.ucalgary.ca/research/kluane-lake-research-station
Country		Canada
Opening year		1961
Operational period		April-September, (October- March)
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	– Yes sian.williams@ucalgary.ca
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Arctic Institute of North America NGO Sian Williams, Lance Goodwin sian.williams@ucalgary.ca www.arctic.ucalgary.ca
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	61°01'39" N, 138°24'39" W 793 m a.s.l. 790 m a.s.l. 5959 m a.s.l. Haines Jct. or Whitehorse (800 or 25 000 inhabitants) 65 km Haines Jct, or 210 km Whitehorse Map (1:50 000), aerial image, satellite image, Google Earth with high resolution
Climate	Climate zone	Sub-Arctic, Alpine (Boreal Forest)
	Permafrost	Discontinuous
	Years measured	–
	Mean annual temperature	-3.8 °C
	Mean temperature in February	-18 °C
	Mean temperature in July	13 °C
	Mean annual wind speed	3.6 m/s
	Max. wind speed	27.7 m/s
	Dominant wind direction	E
	Total annual precipitation	280 mm
	Precipitation type	Snow, rain
Ice break up	Kluane Lake: June	
Station facilities	Area under roof	1100 m ²
	Scientific laboratories	370 m ²
	Logistic	210 m ²
	Number of rooms (beds)	23 buildings (1 mess, 1 wash house, 4 labs, 2 equipment storage, 2 utilities, 13 cabins with 30 beds)
	Number of staff on station (peak/off season)	5/2
	Max. number of visitors at a time	30
	Showers	Yes
	Laundry facilities	Yes
	Power supply (type)	30 kW diesel generator, 110/240 V
	Power supply	24 hours per day
Scientific equipment	Specific device	Fume hood, scales, drying ovens
	Scientific services offered	Sharing of equipment and data between principal investigators
Medical facilities	Medical facilities	Standard (first aid)
	Medical suite	–
	No. of staff with basic medical training or doctor	One with current first aid
	Distance to hospital (estimated time)	Nursing station 65 km, hospital 220 km (3-4 hours by ambulance)
	Compulsory safety equipment	–
Recommended safety equipment		Sat phone or PLB, pepper spray, first aid kit
Landing facilities	Airstrip (Length × Width)	1000 × 30 m (Lake: yes)
	Airstrip surface	Gravel
	Helipad	Yes
	Ship landing facilities	–
Vehicles at station	Sea transportation	–
	Land transportation	Vehicle (easy access via paved Alaska Highway)
Transport and freight	Transport to station	Plane or vehicle
	Number of ship visits per year (period)	–
	Number of flight visits per year (period)	–





Features within study area	<input checked="" type="radio"/> Yes <input type="radio"/> No
<ul style="list-style-type: none"> ● Ice cap or glacier (30 km) ● Permanent snowpatches ● Mountain ● Valley ● Shoreline ● Tundra ● Tree line ● Other (Grasslands) 	
Main science disciplines	
<ul style="list-style-type: none"> ● 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	
<ul style="list-style-type: none"> ● Metal workshop ● Wood workshop ● Plexiglas workshop ● Staff available to assist with constructions 	
Communication	
<ul style="list-style-type: none"> ● Telephone ● Satellite phone ● VHF ● E-mail ● Internet (bandwidth limited) ● Computer ● Printer ● Scanner ● Fax 	

