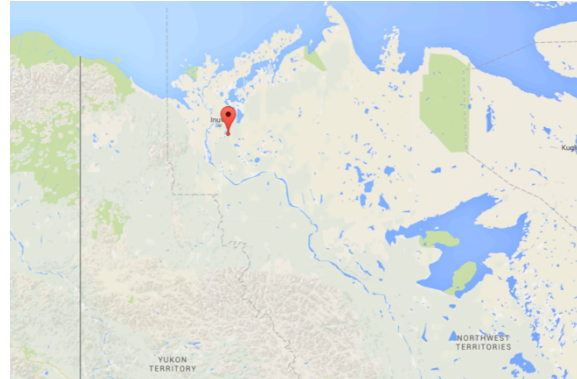


Havikpak Creek Research Station

Havikpak Creek Research Station was founded in 1991, with the watershed draining 20 km² area of forest, shrubs and a small portion of tundra. The site is underlain by continuous permafrost, with very high ground ice content. Changes in climate is resulting in substantial changes in snow cover, evapotranspiration, active layer thickness, and stream discharge. The site is located a few km north of the Inuvik Airport, with our main site located a 30 minute walk from the road.



	Name	Email	Phone Number
Primary Contact	Philip Marsh	pmarsh@wlu.ca	(519) 814-0710 x. 2856

Owner
[Wilfrid Laurier University](#)

Membership
Regular Member

Website
www.trailvalleycreek.ca

Latitude
68.20

Longitude
-133.30

Location
North of the Inuvik Airport

Nearest Community
Inuvik

Territory/ Province
Northwest Territories

Aboriginal Government/ Homeland
Inuvialuit Settlement Region and the Gwich'in Settlement Region

Facility Type
Site for Observing/Monitoring

Research Hinterland

Continuous Permafrost, Forest, Freshwater, Interior, Lake, Ponds, Shrub Tundra, Streams, Taiga / Boreal forest, Terrestrial, Thermokarst Pond, Transitional Zone, Treeline, Tundra

Main Research Disciplines

Climatology, Environmental Sciences, Geocryology, Geomorphology, Hydrology, Terrestrial biology/ecology

Research History

Water Survey Canada began monitoring Havikpak Creek in 1991, and the National Hydrology Research Centre began research at this site in 1991. This has carried on to this day, with research focussed on snow, permafrost and hydrology. Wilfrid Laurier University currently operates this site as part of the GNWT-Laurier Partnership and as one station of the CFI funded Changing Arctic Network. Research focus is expanding from primarily hydrological to consider many aspects of the environment including water quality, terrestrial ecology, permafrost melt, and carbon fluxes for example.

Current Projects

Changing Arctic Network

Power

N/A

Communications

N/A

Local Transportation

Main research site in Havikpak Creek is a 30 minute walk from the road. Snowmobile. Helicopter.

Equipment Storage

N/A

Dormitory/Sleeping Facilities

N/A

Dining/Kitchen Facilities

N/A

Laboratory Facilities

N/A

Fuel Availability

N/A

Research Requirements

NWT Science Licence

Special Rules and Regulations

N/A

Local External Resources

N/A

Nearest Medical Service

Inuvik, NT

Safety Considerations

First Aid, Firearms Safety, Bear training

Cost

None

Other Information

N/A

Last Updated

2016-05-27