Category	Sub-Category	Toolik Field Station
Website		http://toolik.alaska.edu
Country		USA
Opening year		1975
Operational period		Year-round
Permitting issues categories	Permits required for access to the station	Yes (permits only required on BLM land)
	Permits required for studies	Yes
	Contact (permit issues)	www.blm.gov
Facility owner and manager	Name of the facility owner	Institute of Arctic Biology
	Owner status	Government
	Institution responsible for managing the station	Institute of Arctic Biology, University of Alaska Fairbanks
	Contact (access to station)	maabels@alaska.edu
	Website (institution)	http://toolik.alaska.edu
Other institutions	Name	–
	Country	–
Location	Geographical coordinates	68°37'40" N, 149°35'41" W
	Altitude of station	720 m a.s.l.
	Min. altitude within study area	–
	Max. altitude within study area	–
	Nearest town/settlement	Deadhorse (25-50 inhabitants)
	Distance to nearest town/settlement	210 km
	Map	Maps 1:2000 to 1:25 000 , aerial images, satellite images, Google Earth shape files
Climate	Climate zone	Low Arctic
	Permafrost	Continuous
	Years measured	Since 1988
	Mean annual temperature	-8.7 °C
	Mean temperature in February	-20.7 °C
	Mean temperature in July	10.8 °C
	Mean annual wind speed	3.1 m/s (at 5 m above terrain)
	Max. wind speed	23.6 m/s
	Dominant wind direction	S
	Total annual precipitation	318 mm
	Precipitation type	Snow, rain
	Ice break up	Lake: mid June
Station facilities	Area under roof	4895 m^2
	Scientific laboratories	1202 m^2
	Logistic	241 m^2
	Number of rooms (beds)	212 total (80 sleeping rooms, 165 beds, 53 labs, 25 storages, 1 dining hall, 1 community center, 1 classroom)
	Number of staff on station (peak/off season)	19/3
	Max. number of visitors at a time	150
	Showers	Yes
	Laundry facilities	Yes
	Power supply (type)	Fossil fuel generator distribution at 480 V, stepped down to 208 V/110 V, 60 Hz, North American two/three pin plugs
	Power supply	24 hours per day
Scientific equipment	Specific device	Meteorological station; GPS; herbarium; general-use equipment (deionized water, microscope, drying oven, muffle furnace, autoclave, freeze dryer, centrifuge, balances, -80° C freezer, leaf area meter, incubation facility, water column profiler, spectral analyzer, etc.)
	Scientific services offered	Basic mechanical, electrical and carpentry support; GIS and mapping; online baseline environmental and climate data; limited fieldwork assistance
Medical facilities	Medical facilities	Standard (well equipped first aid kit)
	Medical suite	–
	No. of staff with basic medical training or doctor	EMT on site (summer) and 3-4 staff members with Wilderness First Response training
	Distance to hospital (estimated time)	220 km (3 hours to medical facility in Prudhoe Bay)
	Compulsory safety equipment	–
	Recommended safety equipment	First aid kit, bear spray, satellite phone
Landing facilities	Airstrip (Length × Width)	–
	Airstrip surface	–
	Helipad	Yes
	Ship landing facilities	–
Vehicles at station	Sea transportation	–
	Land transportation	Bicycles, car/pick-up, snowmobiles
Transport and freight	Transport to station	Car
	Number of ship visits per year (period)	–
	Number of flight visits per year (period)	–

Features within study area	● Yes ○ No
○ Ice cap or glacier	
○ Permanent snowpatches	
● Mountain	
● Valley	
○ Shoreline	
● Tundra	
○ Tree line	
● Other (Lakes and thermokarst)	

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