

Category	Sub-Category	Tarfala Research Station
Website		www.tarfala.su.se
Country		Sweden
Opening year		1946
Operational period		March-April, June-September
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	– – tarfala@natgeo.su.se
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Stockholm University Government Department of Physical Geography & Quaternary Geology tarfala@natgeo.su.se www.ink.su.se
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	67°55' N, 18°35' E 1130 m a.s.l. – 2097 m a.s.l. Nikkaluokta (30 inhabitants) 27 km Maps: Tarfala valley 1:20 000 , Glacier maps 1:10 000 ; aerial image; satellite image; Google Earth
Climate	Climate zone	Sub-Arctic
	Permafrost	Discontinuous
	Years measured	1965-2011
	Mean annual temperature	-3.3 °C
	Mean temperature in February	-10.9 °C
	Mean temperature in July	7.4 °C
	Mean annual wind speed	3 m/s
	Max. wind speed	81 m/s
	Dominant wind direction	N
	Total annual precipitation	1000 mm
	Precipitation type	Rain, snow
	Ice break up	15 July
Station facilities	Area under roof	500 m <sup>2</sup>
	Scientific laboratories	40 m <sup>2</sup>
	Logistic	100 m <sup>2</sup>
	Number of rooms (beds)	16 bedrooms (36 beds); 1 wet lab, 1 electrical dry lab, 1 workshop, 1 lecture hall, 1 kitchen, 1 lounge, 1 suana
	Number of staff on station (peak/off season)	6/0
	Max. number of visitors at a time	30
	Showers	Yes
	Laundry facilities	Yes
	Power supply (type)	220 V two pin plugs
	Power supply	24 hours per day
Scientific equipment	Specific device	AWS, dGPS, GPS, georadar, ice and snow sampling kits, basic laboratory equipment
	Scientific services offered	Technical support, free access to data (glacier mass balance, hydrology, permafrost, local climate)
Medical facilities	Medical facilities	–
	Medical suite	–
	No. of staff with basic medical training or doctor	1
	Distance to hospital (estimated time)	90 km (weather dependent: summer 2 hours, winter 2 to 3 hours)
	Compulsory safety equipment Recommended safety equipment	VHF, GPS, glacier safety VHF, GPS, glacier safety
Landing facilities	Airstrip (Length × Width)	–
	Airstrip surface	–
	Helipad	Yes (natural helicopter landing)
	Ship landing facilities	–
Vehicles at station	Sea transportation	–
	Land transportation	Snowmobile
Transport and freight	Transport to station	Helicopter, hike (June-September), skiing (March-April)
	Number of ship visits per year (period)	–
	Number of flight visits per year (period)	–





#### Features within study area

- Ice cap or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other

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