<table>
<thead>
<tr>
<th>Category</th>
<th>Sub-Category</th>
<th>Tarfala Research Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>Website</td>
<td></td>
<td><a href="http://www.tarfala.su.se">www.tarfala.su.se</a></td>
</tr>
<tr>
<td>Country</td>
<td></td>
<td>Sweden</td>
</tr>
<tr>
<td>Opening year</td>
<td></td>
<td>1946</td>
</tr>
<tr>
<td>Operational period</td>
<td></td>
<td>March-April, June-September</td>
</tr>
<tr>
<td>Permitting issues categories</td>
<td>Permits required for access to the station</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Permits required for studies</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Contact (permit issues)</td>
<td><a href="mailto:tarfala@natgeo.su.se">tarfala@natgeo.su.se</a></td>
</tr>
<tr>
<td>Facility owner and manager</td>
<td>Name of the facility owner</td>
<td>Stockholm University</td>
</tr>
<tr>
<td></td>
<td>Owner status</td>
<td>Government</td>
</tr>
<tr>
<td></td>
<td>Institution responsible for managing the station</td>
<td>Department of Physical Geography &amp; Quaternary Geology</td>
</tr>
<tr>
<td></td>
<td>Contact (access to station)</td>
<td><a href="mailto:tarfala@natgeo.su.se">tarfala@natgeo.su.se</a></td>
</tr>
<tr>
<td></td>
<td>Website (institution)</td>
<td><a href="http://www.ink.su.se">www.ink.su.se</a></td>
</tr>
<tr>
<td>Other institutions</td>
<td>Name</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Country</td>
<td>--</td>
</tr>
<tr>
<td>Location</td>
<td>Geographical coordinates</td>
<td>67°55’ N, 18°35’ E</td>
</tr>
<tr>
<td></td>
<td>Altitude of station</td>
<td>1130 m a.s.l.</td>
</tr>
<tr>
<td></td>
<td>Min. altitude within study area</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Max. altitude within study area</td>
<td>2097 m a.s.l.</td>
</tr>
<tr>
<td></td>
<td>Nearest town/settlement</td>
<td>Nikkaluokta (30 inhabitants)</td>
</tr>
<tr>
<td></td>
<td>Distance to nearest town/settlement</td>
<td>27 km</td>
</tr>
<tr>
<td></td>
<td>Map</td>
<td>Maps: Tarfala valley 1:20 000 , Glacier maps 1:10 000 ; aerial image; satellite image; Google Earth</td>
</tr>
<tr>
<td>Climate</td>
<td>Climate zone</td>
<td>Sub-Arctic</td>
</tr>
<tr>
<td></td>
<td>Permafrost</td>
<td>Discontinuous</td>
</tr>
<tr>
<td></td>
<td>Years measured</td>
<td>1965-2011</td>
</tr>
<tr>
<td></td>
<td>Mean annual temperature</td>
<td>-3.3 °C</td>
</tr>
<tr>
<td></td>
<td>Mean temperature in February</td>
<td>-10.9 °C</td>
</tr>
<tr>
<td></td>
<td>Mean temperature in July</td>
<td>7.4 °C</td>
</tr>
<tr>
<td></td>
<td>Mean annual wind speed</td>
<td>3 m/s</td>
</tr>
<tr>
<td></td>
<td>Max. wind speed</td>
<td>81 m/s</td>
</tr>
<tr>
<td></td>
<td>Dominant wind direction</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>Total annual precipitation</td>
<td>1000 mm</td>
</tr>
<tr>
<td></td>
<td>Precipitation type</td>
<td>Rain, snow</td>
</tr>
<tr>
<td></td>
<td>Ice break up</td>
<td>15 July</td>
</tr>
<tr>
<td>Station facilities</td>
<td>Area under roof</td>
<td>500 m²</td>
</tr>
<tr>
<td></td>
<td>Scientific laboratories</td>
<td>40 m²</td>
</tr>
<tr>
<td></td>
<td>Logistic</td>
<td>100 m²</td>
</tr>
<tr>
<td></td>
<td>Number of rooms (beds)</td>
<td>16 bedrooms (36 beds); 1 wet lab, 1 electrical dry lab, 1 workshop, 1 lecture hall, 1 kitchen, 1 lounge, 1 suana</td>
</tr>
<tr>
<td></td>
<td>Number of staff on station (peak/off season)</td>
<td>6/0</td>
</tr>
<tr>
<td></td>
<td>Max. number of visitors at a time</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Showers</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Laundry facilities</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Power supply (type)</td>
<td>220 V two pin plugs</td>
</tr>
<tr>
<td></td>
<td>Power supply</td>
<td>24 hours per day</td>
</tr>
<tr>
<td>Scientific equipment</td>
<td>Specific device</td>
<td>AWS, dGPS, GPS, georadar, ice and snow sampling kits, basic laboratory equipment</td>
</tr>
<tr>
<td></td>
<td>Scientific services offered</td>
<td>Technical support, free access to data (glacier mass balance, hydrology, permafrost, local climate)</td>
</tr>
<tr>
<td>Medical facilities</td>
<td>Medical facilities</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Medical suite</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>No. of staff with basic medical training or doctor</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Distance to hospital (estimated time)</td>
<td>90 km (weather dependent: summer 2 hours, winter 2 to 3 hours)</td>
</tr>
<tr>
<td></td>
<td>Compulsory safety equipment</td>
<td>VHF, GPS, glacier safety</td>
</tr>
<tr>
<td></td>
<td>Recommended safety equipment</td>
<td>VHF, GPS, glacier safety</td>
</tr>
<tr>
<td>Landing facilities</td>
<td>Airstrip (Length x Width)</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Airstrip surface</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Helipad</td>
<td>Yes (natural helicopter landing)</td>
</tr>
<tr>
<td></td>
<td>Ship landing facilities</td>
<td>--</td>
</tr>
<tr>
<td>Vehicles at station</td>
<td>Sea transportation</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Land transportation</td>
<td>Snowmobile</td>
</tr>
<tr>
<td>Transport and freight</td>
<td>Transport to station</td>
<td>Helicopter, hike (June-September), skiing (March-April)</td>
</tr>
<tr>
<td></td>
<td>Number of ship visits per year (period)</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>Number of flight visits per year (period)</td>
<td>--</td>
</tr>
</tbody>
</table>
Features within study area
- Ice cap or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other

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