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Christina Jonsson (Ed.)

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Department address:

Department of Physical Geography
and Quaternary Geology
Glaciology
Stockholm University
SE-106 91 Stockholm
Sweden

Tel. +46 (0)8 162000

Fax. +46 (0)8 164818

www.glaciology.su.se

Station address (summer only):

Tarfala Research Station
Kebnekaise
SE-981 29 Kiruna
Sweden

Tel. +46 (0)980 55039

Fax. +46 (0)980 55043

E-mail: tarfala@natgeo.su.se

www.tarfala.su.se

Tarfala Research Station Annual Report

Tarfala Research Station Annual Report has been published since 1986 in four different series.

PDF reports from the department of Physical Geography and Quaternary Geology

- Jonsson, C. (Ed.) 2010. Tarfala Research Station Annual Report 2007–2008. Report no. 5
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- Jonsson, C. (Ed.) 2010. Tarfala Research Station Annual Report 2006–2007. Report no. 4
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- Jonsson, C. (Ed.) 2010. Tarfala Research Station Annual Report 2005–2006. Report no. 3.
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- Jonsson, C. (Ed.) 2010. Tarfala Research Station Annual Report 2004–2005. Report no. 2.
ISSN 1653–7017.
- Jonsson, C. (Ed.) 2010. Tarfala Research Station Annual Report 2003–2004. Report no. 1.
ISSN 1653–7017.

Reports from Reports from the department of Physical Geography and Quaternary Geology

- Klingbjør, P. (Ed.) 2004. Tarfala Research Station Annual Report 2002–2003. Report no. 3.
ISSN 1651–1506. 47 p.
- Klingbjør, P. (Ed.) 2003. Tarfala Research Station Annual Report 2001–2002. Report no. 2.
ISSN 1651–1506. 75 p.
- Klingbjør, P. (Ed.) 2002. Tarfala Research Station Annual Report 1999–2000 and 2000–2001.
Report no. 1. ISSN 1651–1506. 92 p.

Research reports from the department of Physical Geography

- Klingbjør, P. (Ed.) 2000. Tarfala Research Station Annual Report 1998–99. Research report no. 111.
ISSN 1403–9788. 61 p.
- Klingbjør, P. (Ed.) 1999. Tarfala Research Station Annual Report 1997–98. Research report no. 110.
ISSN 1403–9788. 50 p.
- Klingbjør, P. (Ed.) 1998. Tarfala Research Station Annual Report 1996–97. Research report no. 105.
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- Klingbjør, P. (Ed.) 1997. Tarfala Research Station Annual Report 1995–96. Research report no. 104.
ISSN 0346–7406. 76 p.
- Jansson, P. (Ed.) 1996. Tarfala Research Station Annual Report 1994–95. Research report no. 103.
ISSN 0346–7406. 66 p.
- Jansson, P. (Ed.) 1995. Tarfala Research Station Annual Report 1993–94. Research report no. 102.
ISSN 0346–7406. 66 p.
- Jansson, P. (Ed.) 1994. Tarfala Research Station Annual Report 1992–93. Research report no. 100.
ISSN 0346–7406. 50 p.
- Bodin, A. (Ed.) 1993. Annual Report 1991–1992, Tarfala Research Station. Research report no. 96.
ISSN 0346–7406. 63 p.
- Grudd, H. (Ed.) 1992. Annual Report 1990–1991, Tarfala Research Station. Research report no. 92.
ISSN 0346–7406. 73 p.

Unpublished Reports from Tarfala

- Grudd, H. and Bodin, A. (Eds.) 1991. Annual Report 1991. Tarfala Research Station. 96 p.
- Stroeve, A. P. and Eriksson, M. (Eds.) 1990. Annual Report 1989. Tarfala Research Station. 76 p.
- Stroeve, A. P. (Ed.) 1989. Annual Report 1988. Tarfala Research Station. 85 p.
- Rosqvist, G. (Ed.) 1988. Annual Report 1987. Tarfala Research Station. 103 p.
- Jansson, P. (Ed.) 1986. Årsrapport från Tarfala forskningsstation. 95 p.

Other relevant reports

- Grudd, H., & Jansson, P., 1985.

Tarfala Research Station

Founded 1946

Location

The station is located in the Tarfala Valley, 67°55'N 18°36'E, at 1 130 m a.s.l. in the Kebnekaise massif, Swedish Lapland. The valley is surrounded by glaciers and 2000 m a.s.l. peaks. Tarfala can be reached by foot (25 km hike) or by helicopter from the nearest village, Nikkaluokta. Public transportation is available to Nikkaluokta.

Environment

Arctic alpine environment. The tree line (birch) is at ~700 m a.s.l. in the area. Several glaciers in the valley terminate below 1 200 m a.s.l. Mean annual temperature is -4°C, resulting in widespread permafrost conditions.

Availability

The station is open during the summer season: June – September. Summer bookings must be made before May 1. Restricted availability during winter, contact the station director for details.

Monitoring programme

The research at Tarfala Research Station has two components, one basic monitoring programme and one externally funded project part. The basic monitoring programme is also dependent on external funding, but costs are integrated with costs for the maintenance of the research station.

The monitoring program includes:

- The mass balance of Storglaciären and four other glaciers
- Changes in front positions of 20 Swedish glaciers
- Weather data from Tarfala Research Station and four other mountain sites
- Hydrology in Tarfala valley
- Ground temperatures from Tarfala