

Description of Stortjärn (lake)

Svartberget Research Station

Stortjärn is part of SITES Water and SITES AquaNet. The monitoring for SITES Water, including lake and stream sampling, is carried out in five of the stations catchments and therefore covers a gradient in aquatic biogeochemistry, e.g., nutrient concentrations, water color and catchment characteristics. The Thematic Program AquaNet offers experimental manipulations in five lakes with varying environmental conditions along a latitudinal gradient.



Picture: Stortjärn. Photo: Andreas Palmén.

Location and lake information

Sampling point	Stortjärn, platform
Latitude (north)	64.261511
Longitude (east)	19.763471
Altitude	284 m a.s.l.
Lake area	0.04 km ²
Lake depth	Mean: 2.7 m, max.: 6.7 m
Trophic status	Mesotrophic, humic
Additional	Catchment is composed of 54% coniferous forest, 39.5% mire, and 6.4% water and is dominated by Svecofennian metasediments / metagraywacke bedrock covered by till and peat soils.

Additional lakes in SITES Water

- Almborgsjön (Abisko Scientific Research Station)
- Erken (Erken Laboratory)
- Erssjön (Skogaryd Research Catchment)
- Feresjön (Asa Research Station)

Additional lakes of SITES AquaNet

- Bolmen (Bolmen Research Station)
- Erken (Erken Laboratory)
- Erssjön (Skogaryd Research Catchment)
- Feresjön (Asa Research Station)

Additional information

Data is openly available on the SITES Data Portal: <https://data.fieldsites.se/portal/>

For lake specific data use Filter option Location = "Stortjärn" on the data catalogue.

Contact & Support



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