

# arvika kommun

Welcome





# arvika befolkning

26 350 people  
live in Arvika.





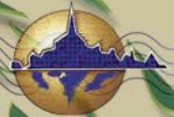
# arvika geografi



The area of the community is:

**1.975 km<sup>2</sup>**

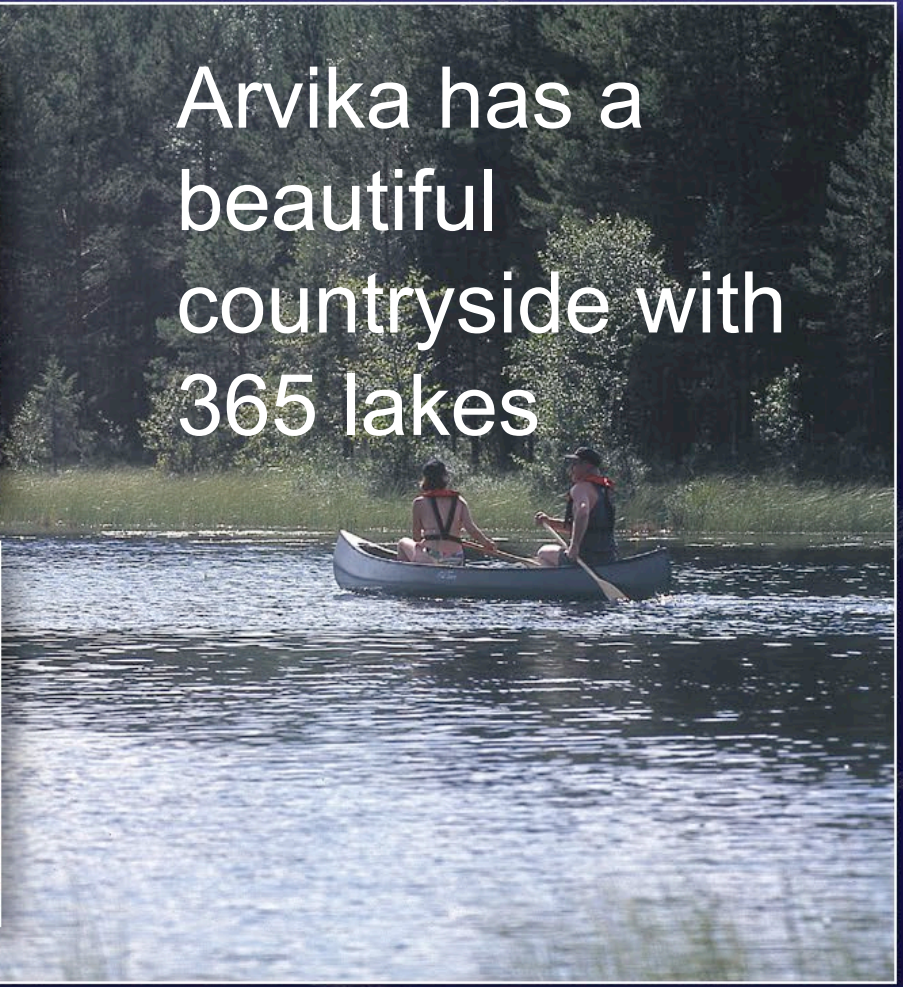
20 % is water



# arvika naturglädje



Arvika has a beautiful countryside with 365 lakes





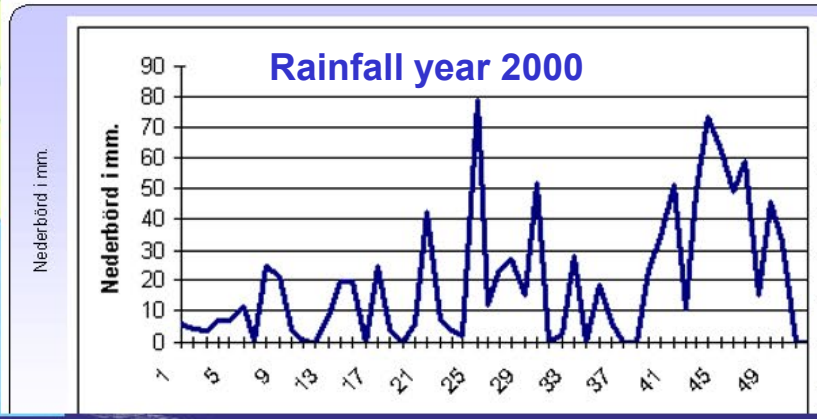
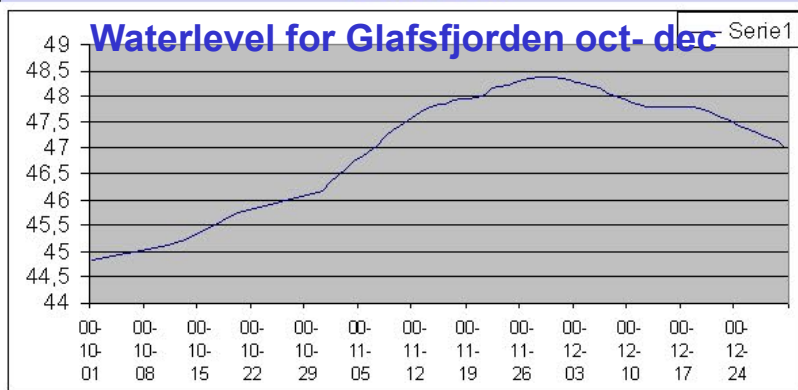
## Taken by surprise 200-500 year event

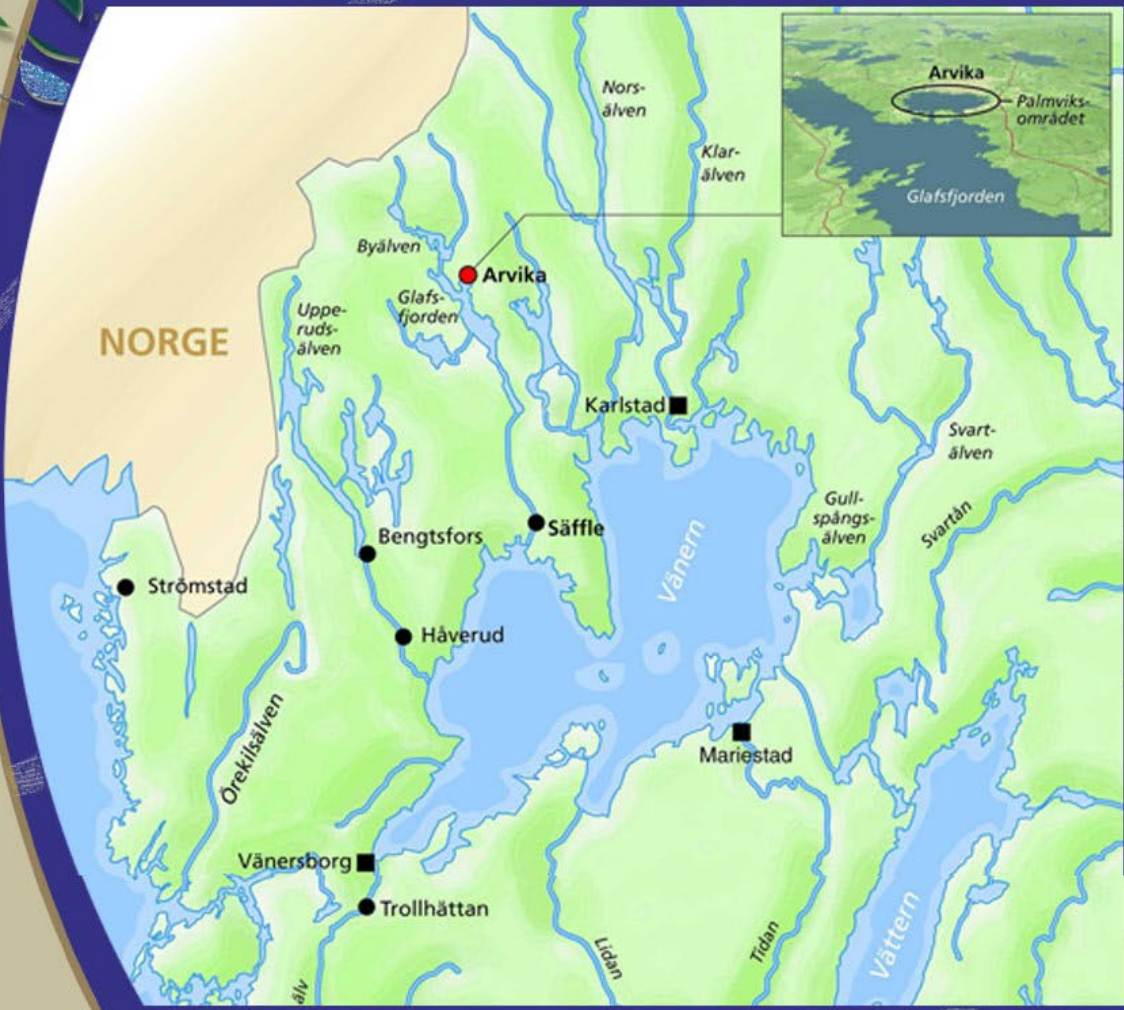


# Glafsfjorden and Byälven collects the water from this area.



Glafsfjorden.  
Normalnivå 45.22 möh.

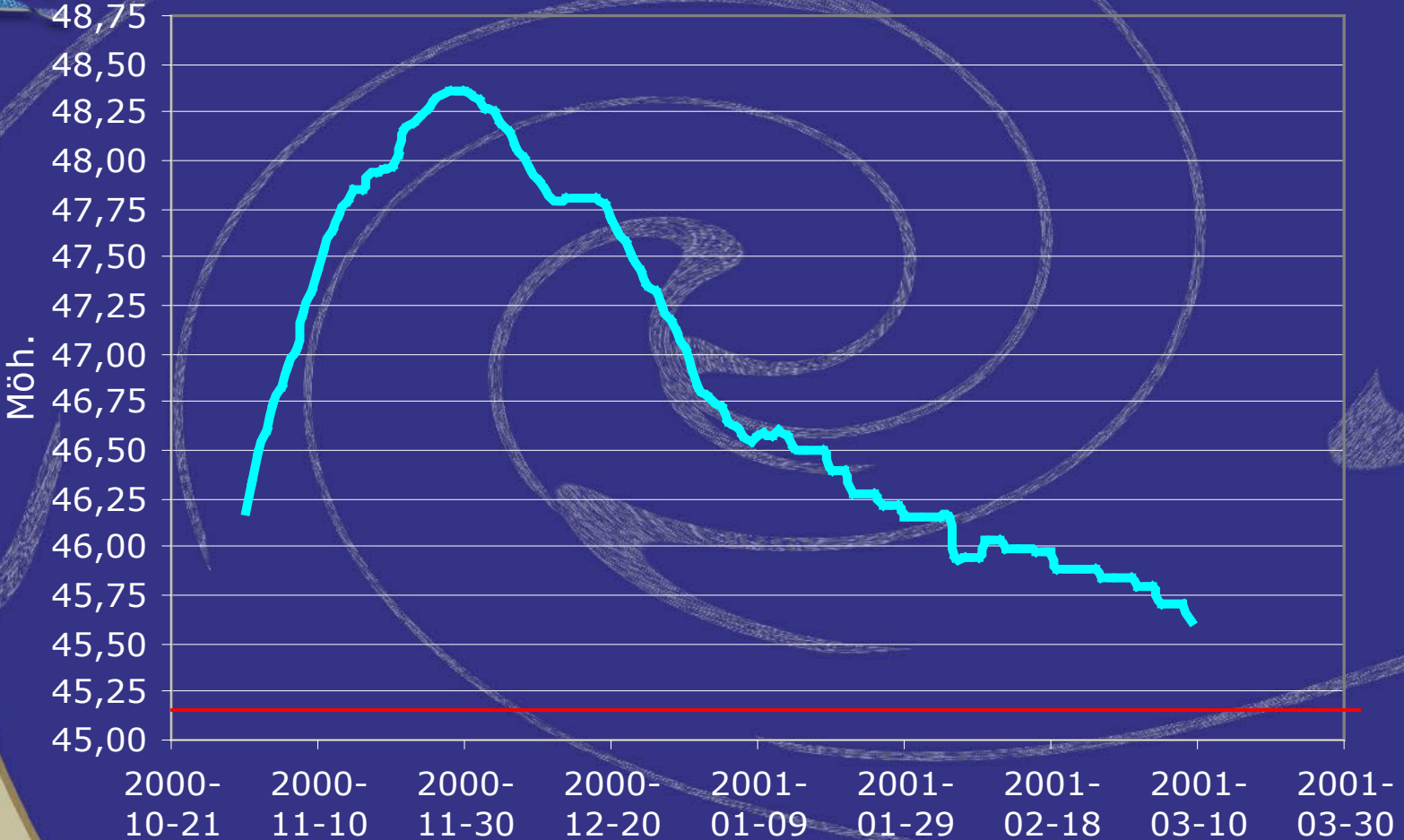






# Glafs fjorden

The waterlevel at the end of year 2000.





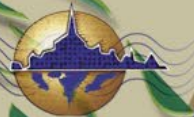
# Decisions

- ✘ Lifesaving efforts
  - ✘ Electric supply within the community
  - ✘ Sewage systems
  - ✘ Maintain barriers (groups of buildings)
    - ✘ Maintain the other barriers
    - ✘ Barriers at single properties
    - ✘ Isolated citizens



# Lots of damages - summer houses





# Some industries have moved permanently.





# The farming industry was also affected





# Electric supply network underneath the water - possible??





# Technical system

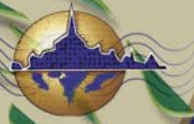


Waste water coming the wrong direction was a problem.



# Pallet Barrier protects the residential area of Strand





# Material?



3000 m valls

1000 pumps





# Co-operate



- Within the community
- With other municipalities
- Birka energy supply
- Board of Shipping
- County administration
- The Military
- Government offices
- Insurance companies
- Health authorities
- Police
- Voluntary organisations



# The town park in Arvika - be calm



Provide safety and better possibilities for the citizens to handle the situation themselves.

# Information



## Internal information

- meetings
- intranet
- fax

## External information

- media
- information central
- internet
- visit the affected areas



# Finances

Rescue operation !

Other costs - the public sector!

- infrastructure electricity, water, roads
- restoring

Costs for the citizens !

- damages of buildings
- less business

Saved values !

- Buildings - infrastructure.