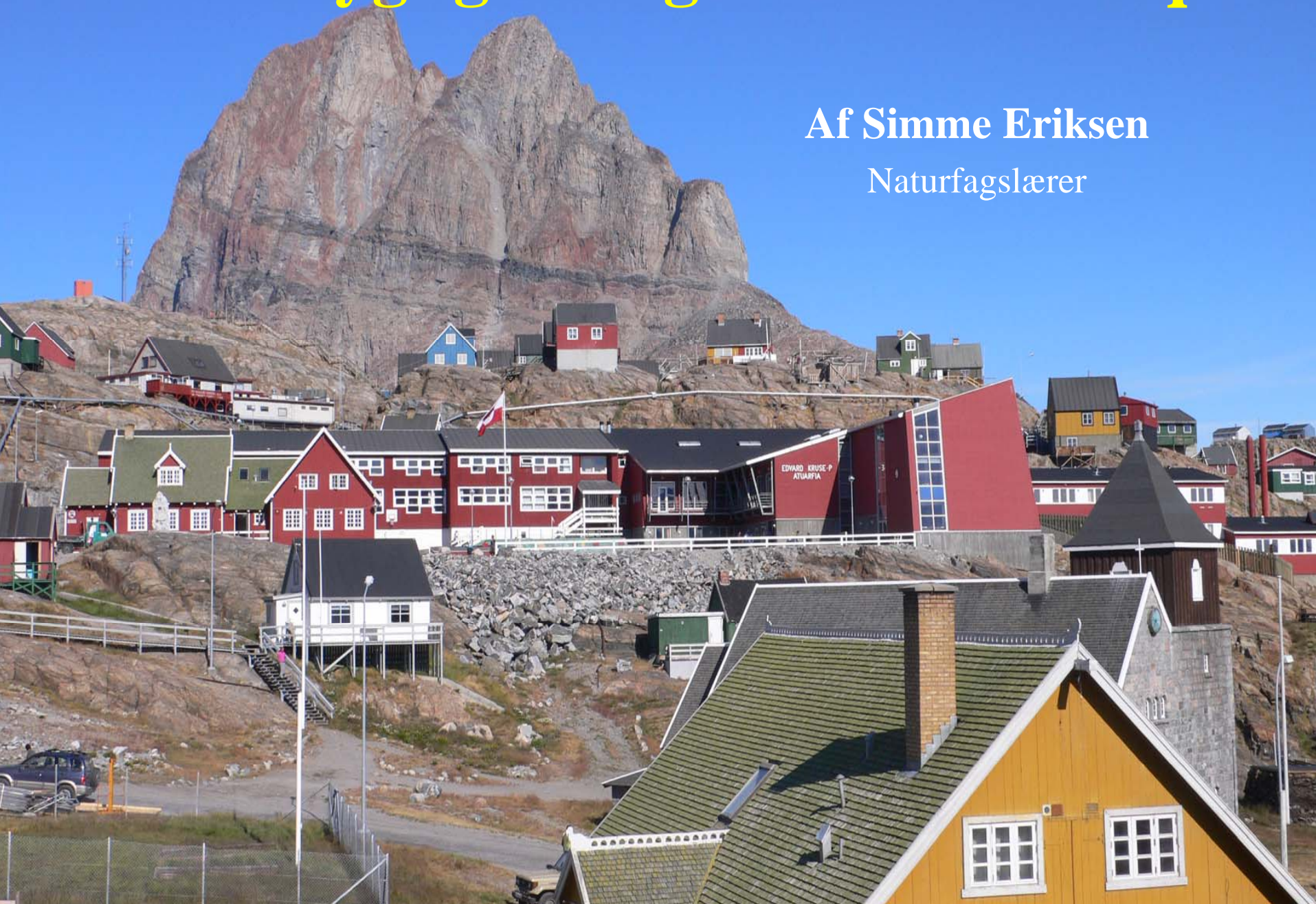


Bæredygtig Energi i Uummannaq

Af Simme Eriksen
Naturfagslærer





Where are we?



- **590 km north of the polar circle**
- **One town, seven settlements, one mine**
- **Less than 2500 people more than 3500 dogs**
- **3 months with polar night**
- **3 months with midnight sun**



One town and seven settlements:

- 8 pyranometers = one on each school
- One hole days of instructions in the use from Frank Bason, Soldata Instruments
- But.....so far:
 - 2 have been running for more than one year
 - 3 have been running for more than one day (!)
 - 3 haven't been used. (No computer, teacher leaving, no interest in the subject)

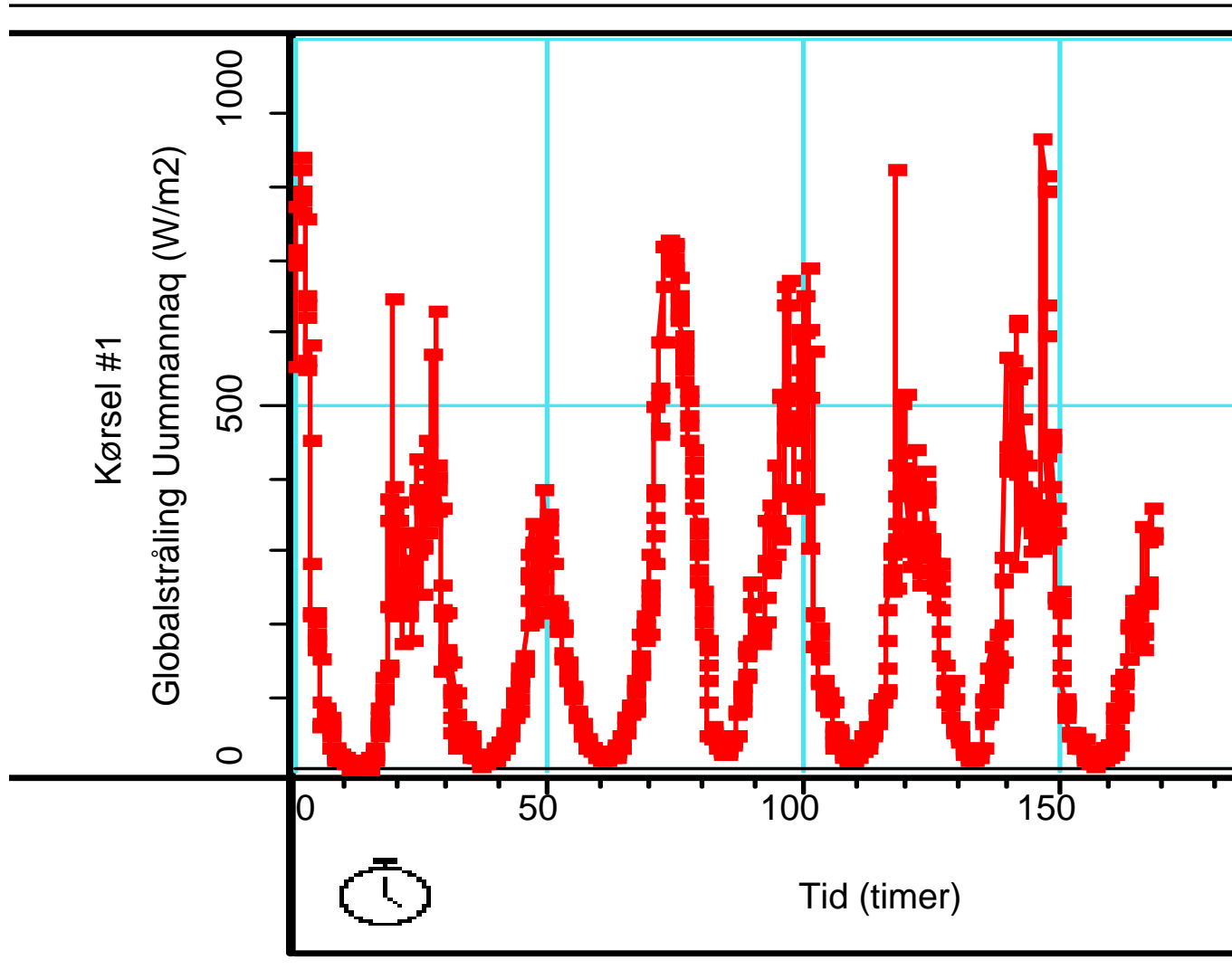


Sun.....?

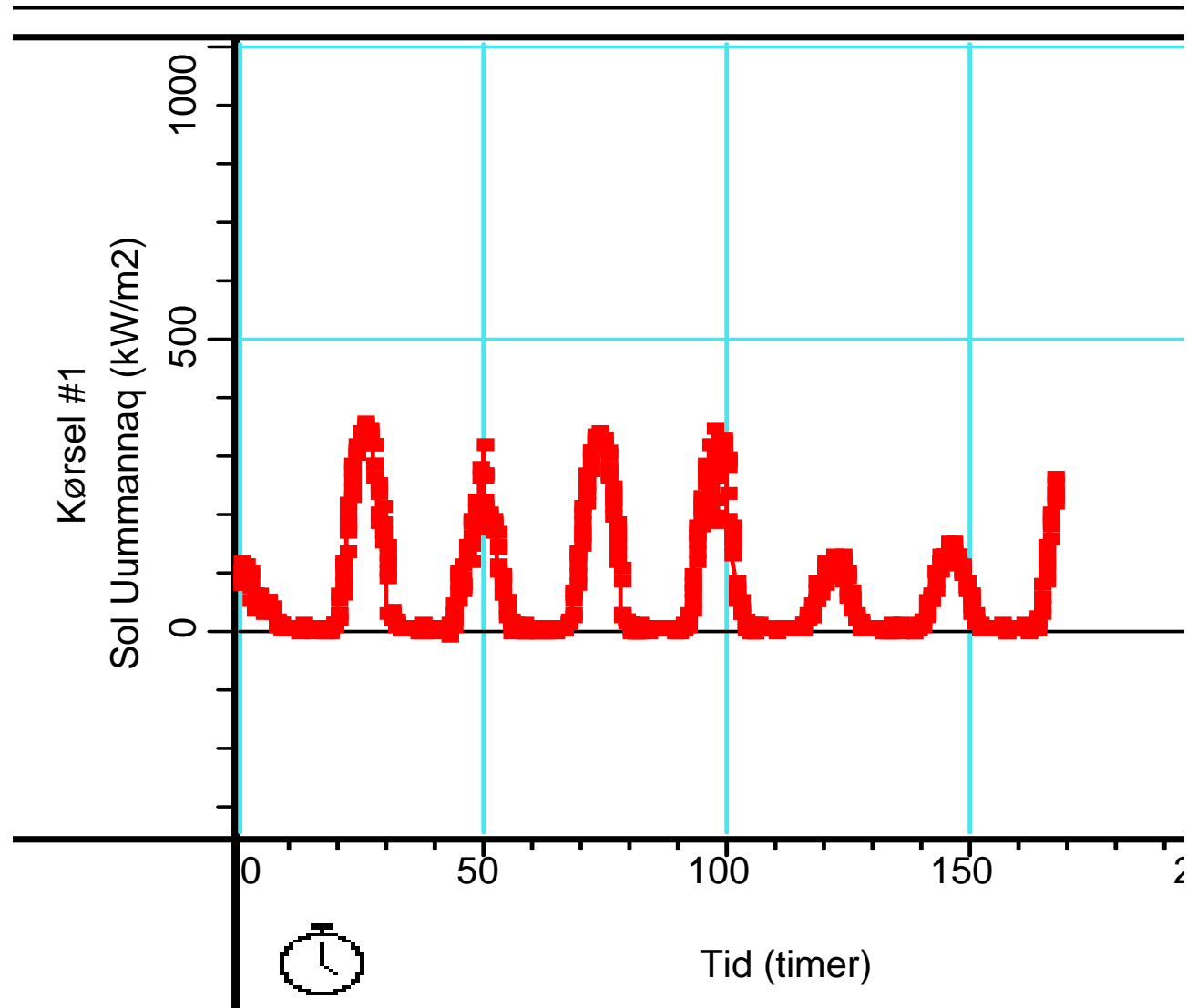


Summer 2007 (11th – 18th of June)

Grafvindue

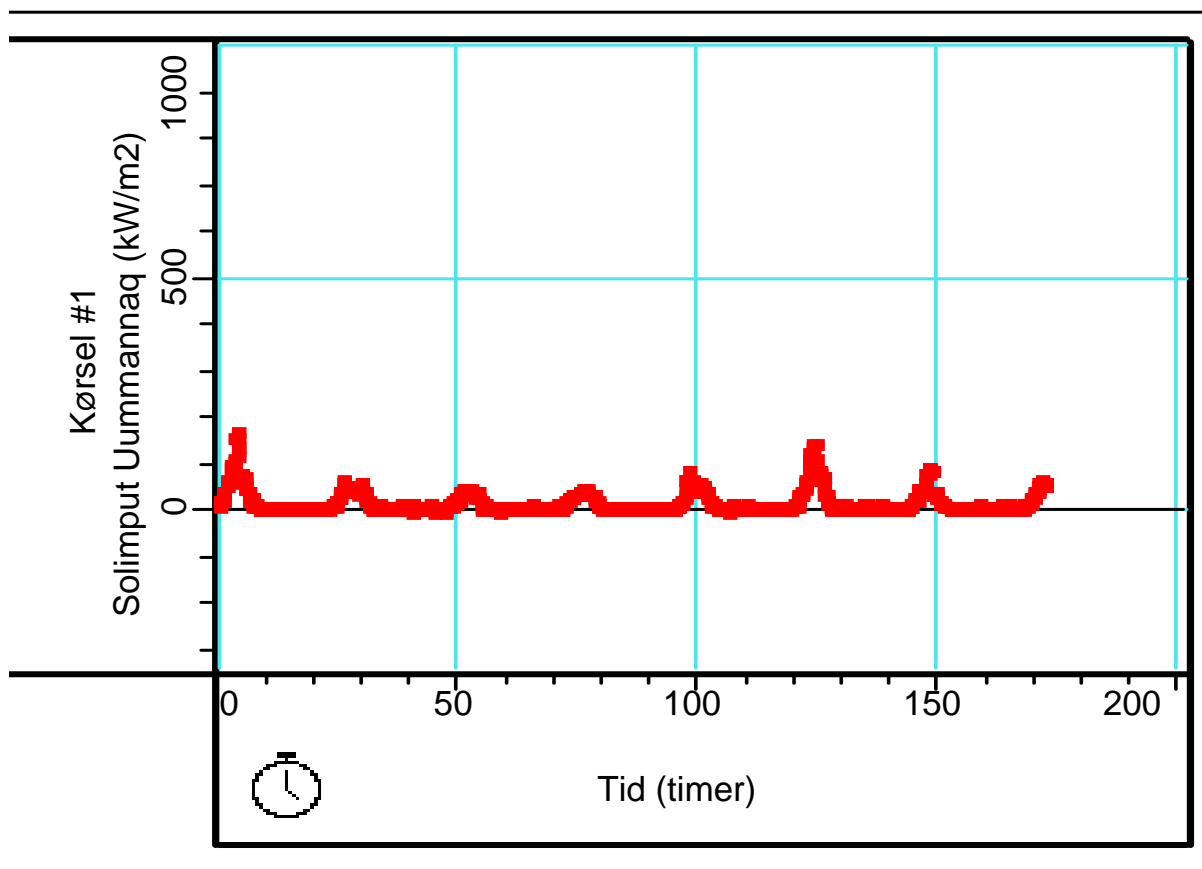


Autumn 2007 (17th – 24th of September)



Late autumn 2007 (22nd – 24th of October)

Grafvindue



Met. mast for wind

- Arrived by ship one week before the technicians
- Only one week to put up 4 met. mast's
- Local help (Electrician, Nukissiorfiit)
- Problem with ARTEC's equipment

- And – as Knud mention yesterday –
problems with the met. mast in Uummannaq



Too mush wind?





ARTEK students projects:

- Plenty of idea's for students project in the district of Uummannaq
- So far 3 projects:
 - Permafrost and roads in the settlement of Illorsuit
 - Micro-hydro power potential in a settlement
 - Biooil and biogas from wasteproducts



The future???

- Hopefully:
 - Many ARTEC students / projects
 - More data from sun and wind
 - More focus on the possibilities in our district
 - Uummannaq as a “Green destination”
 - “Øko-turisme” (sorry....)