

Stop the printing of paper maps

QKEN Tallin 2018-12-05

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Lantmäteriet has made a decision to stop printing maps

- Costs
- The digital map
 - Advantages
 - Disadvantages
- Alternative to printed maps by Lantmäteriet
- Exceptions when (we) still print maps



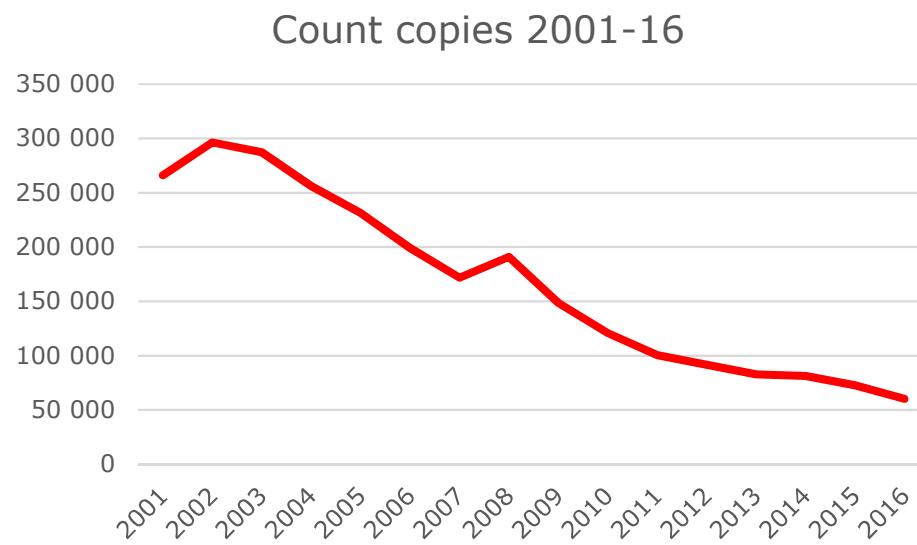
In July we stopped to print maps

- From July 2018 Lantmäteriet has stopped to print paper maps.
 - All five series in the scales of 1:12 500 – 1:1 miljon.
- All raster products now presented with a common legend
 - Easier to use in digital solutions
 - Easier to learn and recognize the map symbols
 - The same map symbols in digital and printed maps



Decreasing sales rate

Decreasing sales - 77 %



Digital services

- "Everyone" uses mobile technical platforms, not only professional user
- The position of everything has been "for everyday use"

Swedish statistic

One of the most digitized countries

- 95 % with age over 12 has internet at home
- 93 % has a computer
- 98 % has a cellphone
- 85 % has a smart phone

Gefle Dagblad-Newspaper in Gävle 18-11-17



Digital services

- A couple of themes in services
 - Historical maps
 - Areal and Satellite images
 - Elevation data
 - Place-names
 - Real property register (Addresses, Buildings, Real estate, Mortgage, Title Deeds, Plans and Regulation, Rigths, Communities)
 - Cadastral Index Map
 - Topographic Base Maps
 - Topographic Web Map

Digital maps

- More usable according to analysis
- Actuality - Up to dateness
- Refine



Well known webmap
3 Dec 2018

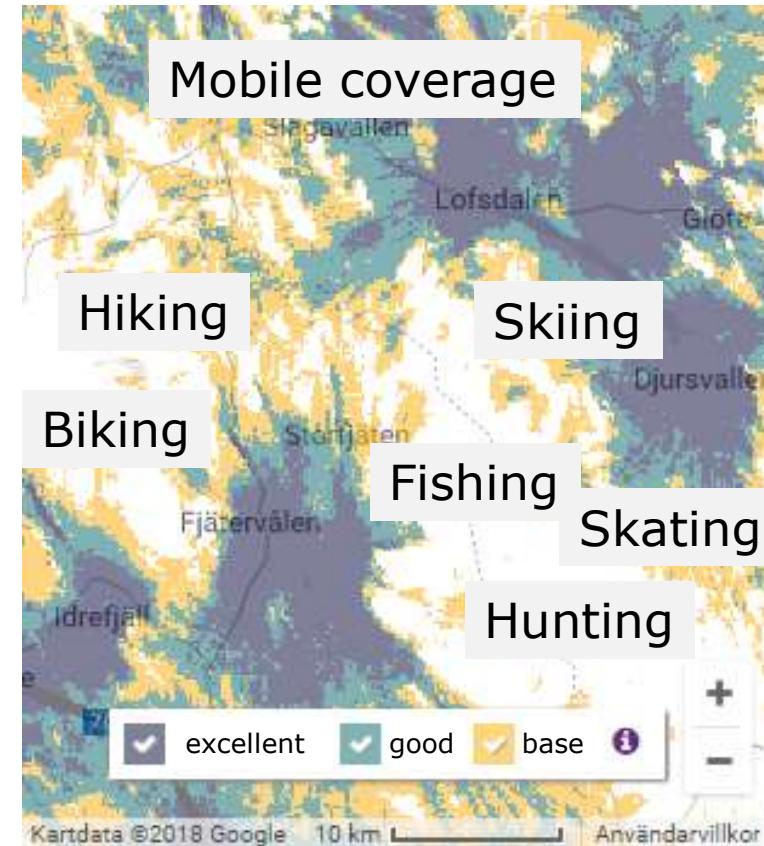


New roads
Changed names 31 Mars 2017

Digital maps

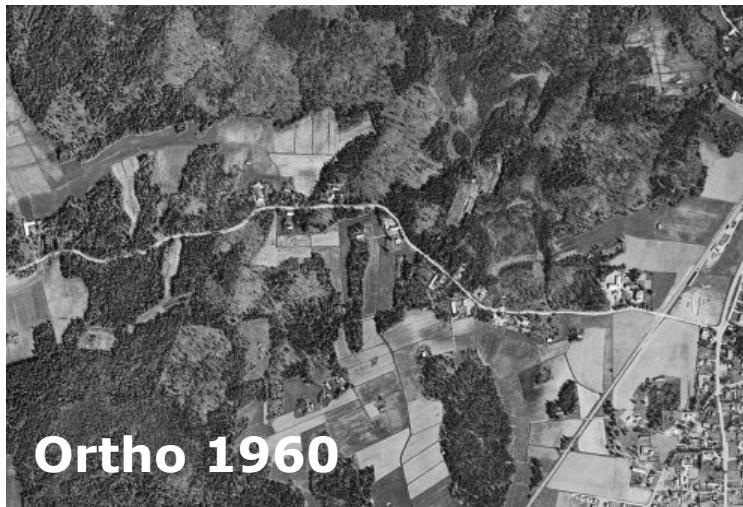
- Functionality in field
Weather sensitive equipment
- Power dependence equipment
 - Protecting utilities
- Limited range
 - No coverage at all in part of the mountain region
 - Download

Range map for a telecom company
White area = No range
Grey area = 4G



Viewer at lantmateriet.se

- A viewer gazetteer "MapSearch and Geographical Names"
<https://kso.etjanster.lantmateriet.se/>
- Topographic Base Map
- Orthophoto
- Cadastral Index Map
- Historical orthophoto (New)



Exceptions



National Military Map-series

- A unit at Lantmäteriet has a special commission to serve the Swedish Armed Forces with printed maps, both for operational planning as well as exercises.

In the situation of crisis there might be a military solution, *GeoCell*

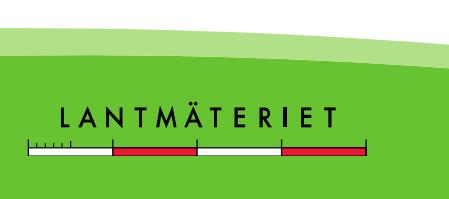
- Used during summer 2018 to support fighting of several major forest fires in Sweden
- A school was used as command-and-control centre
- Maps were updated a couple of times a day
- Different mapsheets (1:50 000) printed in A3, duplicated in 700 copies a day



Other exceptions

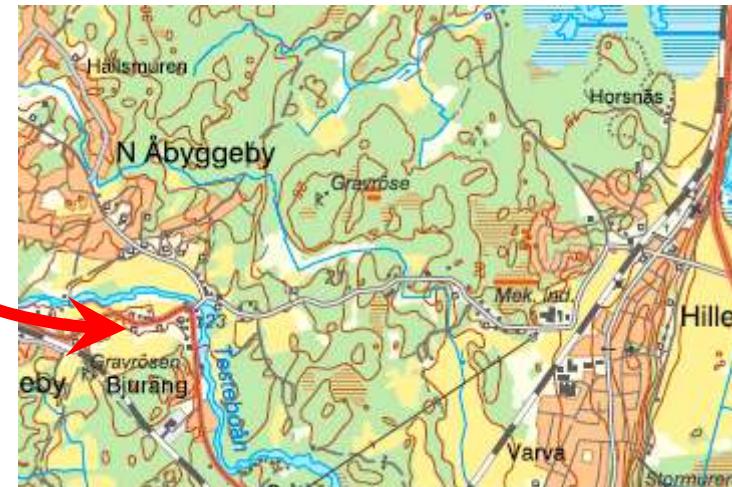
Lantmäteriet has digital sources for printing maps

- Overview maps
- Road map
- Mountain information, for hiking, skiing, snowmobile
- Topographical Base Map
- Cadastral Index Map
- Companies / dealers printing maps for users
The Map store: <https://www.kartbutiken.se/>
Printing all maps from 1:50 000



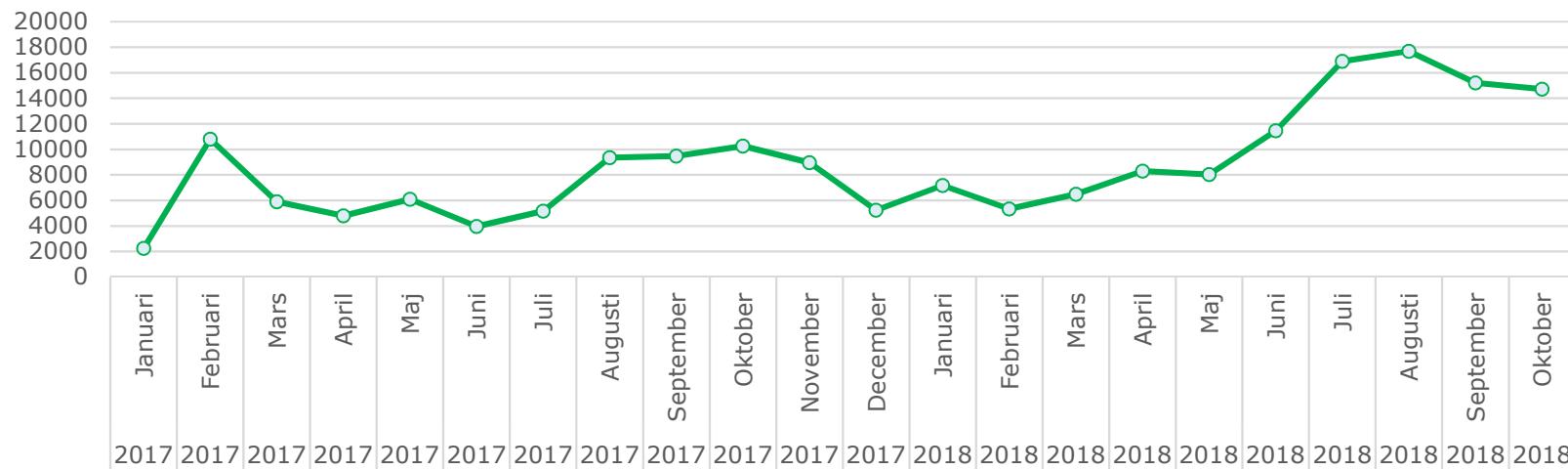
Printing map, alternatives

- Choose your own area for use at your printer,
- 1:10 000 / 1:50 000
<https://kartutskrift.lantmateriet.se/>
- Print format A2, A3 and A4x9



Count visitors to "Map-print"

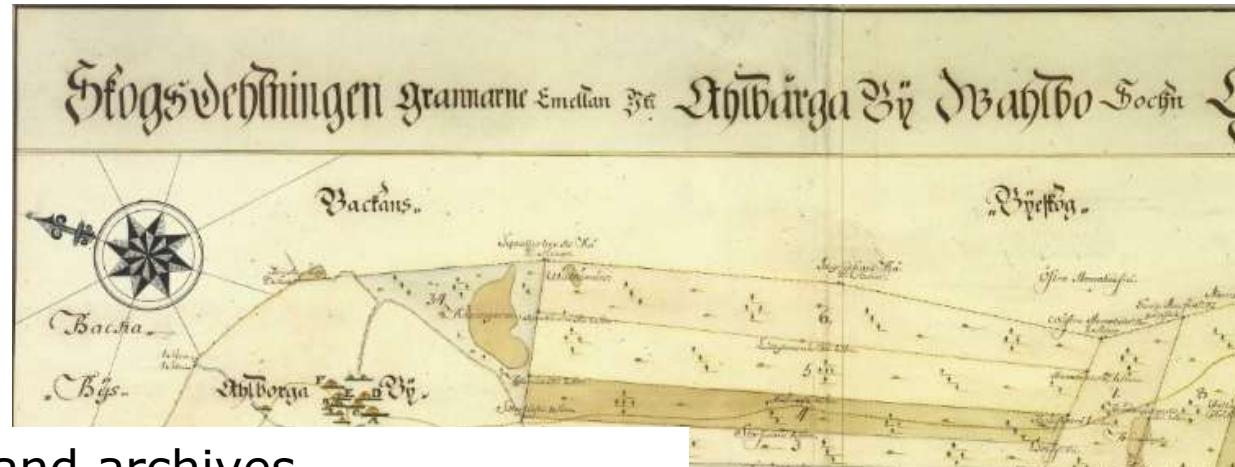
Diagramrubrik



111 000 visitors January-October 2018

LANTMÄTERIET

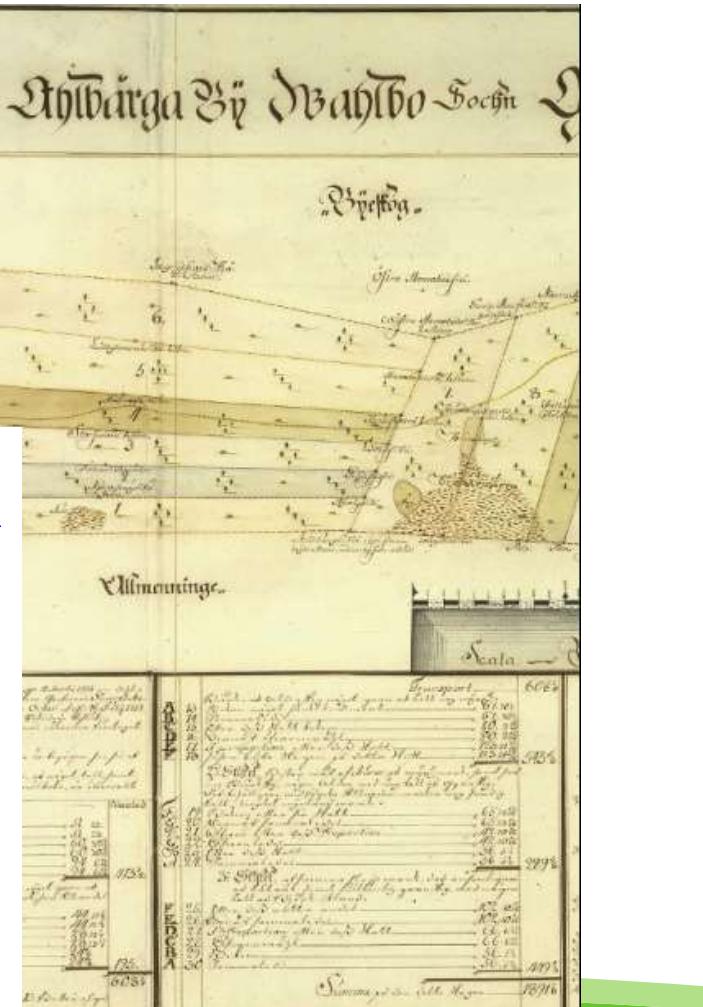
Printing map, alternatives



Historical maps and archives

https://historiskakartor.lantmateriet.se/arken/s/search.html?locale=en_US

Sheet/File	Map Series/Measure	Year
Geographical Survey Archive		
Valbo J133-13H5d56	Economic map (1935-1978)	1954
Gävle J243-98-1	Topographic (ordnance survey) map (1827-1971)	1900
Land Survey Board Archive		
Valbo socken Alborga nr 1-7	Delning av skog	1736
Valbo socken Alborga nr 1-7	Gränsbestämning omkring	1736
Valbo socken Alborga nr 1-7	Delning av hemägor	1754
Regional Archive		
21-VAL-22	Delning	1739
21-VAL-48	Delning	1755



Printed maps, alternatives

- Overview
- Planning is important
- Wheater resistant?

- Don't even think about to do this with a lap-top
- Film tajm [..\Bilder\NMK vs Strv122.wmv](#)
 - USB:[D:\QKEN_Tallin\NMK vs Strv122.wmv](#)

