


Webapp with fire information

Swedish Forest Agency has temporarily modified its web app for forest data,  to offer support for forest fire fighters.

The map now also shows active fires with data from satellites.

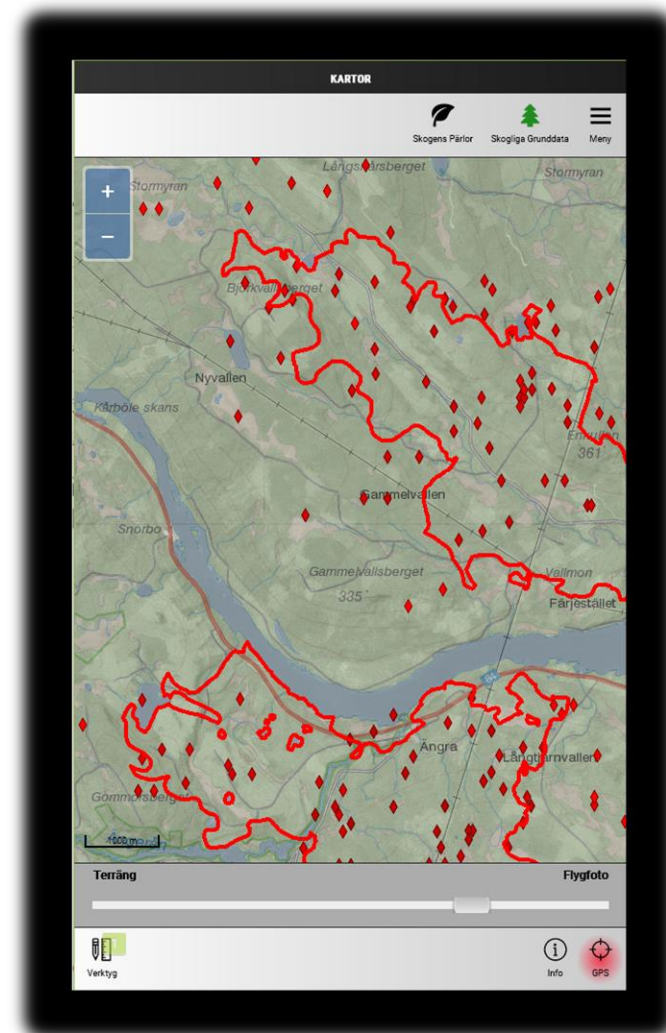
The web-app is optimized for use on smartphones, booth Android and iOS, but can also be used on computers/desktops. Today the app lacks support for off-line use.

The map shows as default combination of information from aerial photo and terrain data. The background map can be switched to other types as example, forest data, satellite and other, that can be of use for knowledge for fire fighters.

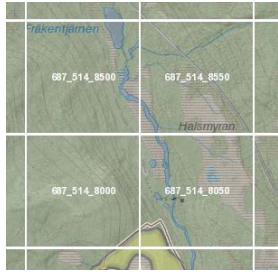
Hit the button "GPS"  and the map zooms in to the location of the user.

When the map is zoomed in close a grid is activated, that can be used for communicating position. (Sweref99)

<https://kartor.skogsstyrelsen.se/kartorapp/?startapp=skogligagrunddata>



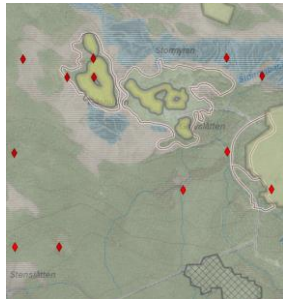
Map info about fire



Grid 500 m: Shows grids 500x500 meters with unique labels. Can be used to describe area when communicating with others.

To get precise position, Use the coordinates-tool:

”Meny → Mätverktyg och koordinat → Visa koordinater.”



Active fire: Shows data from satellite (VIIRS). Updated automatically about 4 times per day. Each spot represents area up to 375x375 meters.

New fire (last 24 hours) = bright orange, Older fire (max 7 days old) = dark red.

<https://firms.modaps.eosdis.nasa.gov/map/#z:11;c:21.3,64.7;l:today>



Estimated burned area “*Ungefärligt brandområde*”:

Data from emergency staff personell.

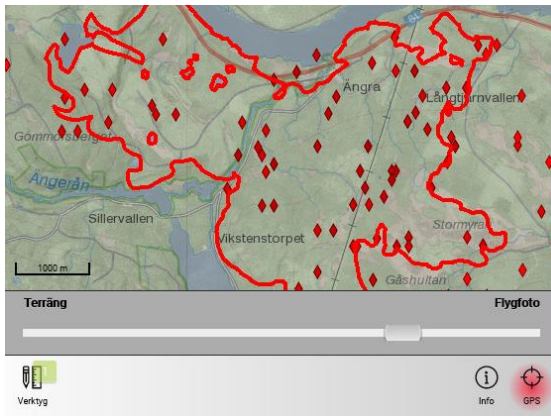
Updated manually more rarely. Less than 1 time/ day.

Map, aerial photo and terrain

Use the **tool-button** "**Verktyg**" down to the left to activate **transparency** "**Genomskinlighet**"



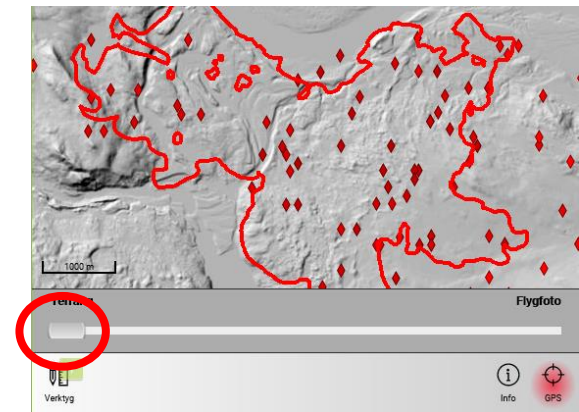
In default the map shows a **combination of aerial photo and terrain.**




Move the slider to right to show **aerial photo** which gives good info on forest and landscape.



Move the slider to left to show terrain data



Latest seven Satellite images Forest fire

Via the menu  up to the right, choose background map "Val av karta" and then Choose "Satellitbild – brand"

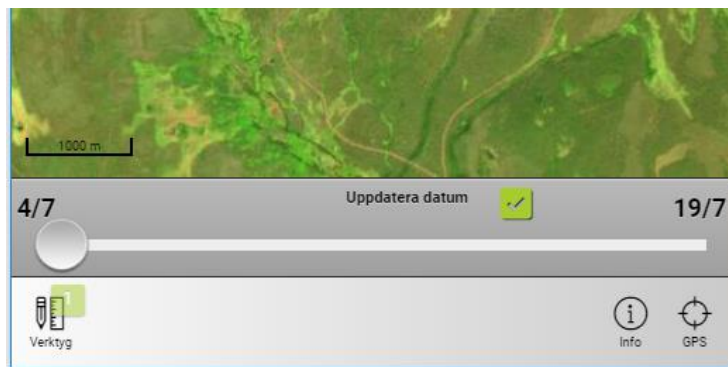
Use the button "Verktyg" and then "Jämför datum" to compare the different satellites images.

The latest seven images are loaded.



Move the slider to left to see the oldest image.

Image date is to the left.




Move the slider to right to see the newest image.

Image date is to the right.



Choose layer details to map

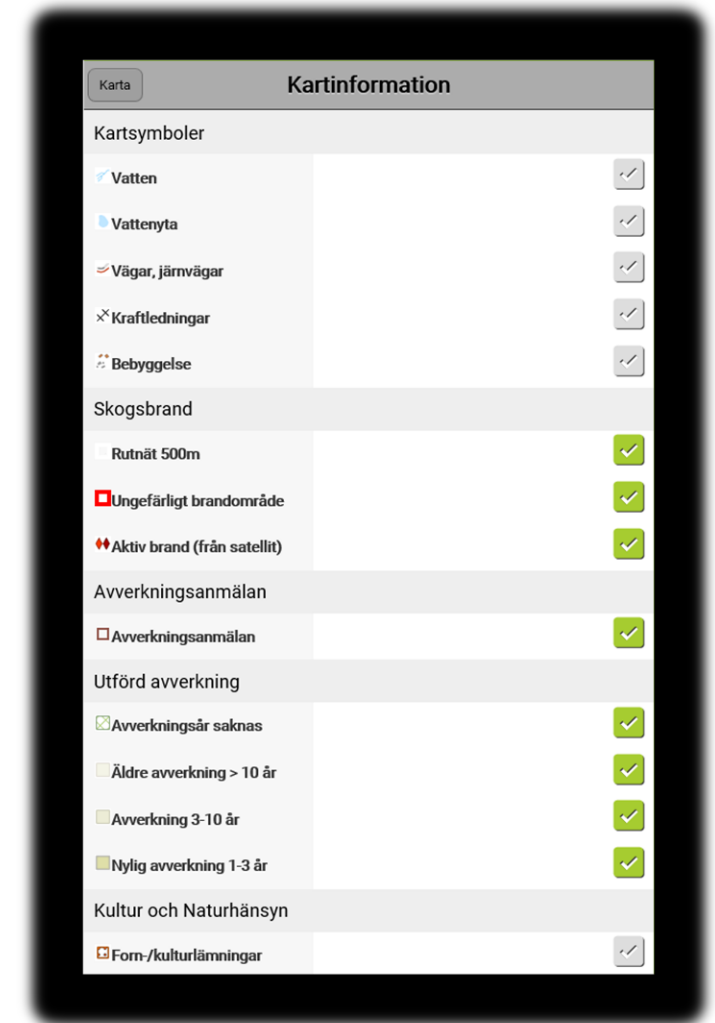


Via the menu  up to the right, there's the option **map details** "Kartinformation".

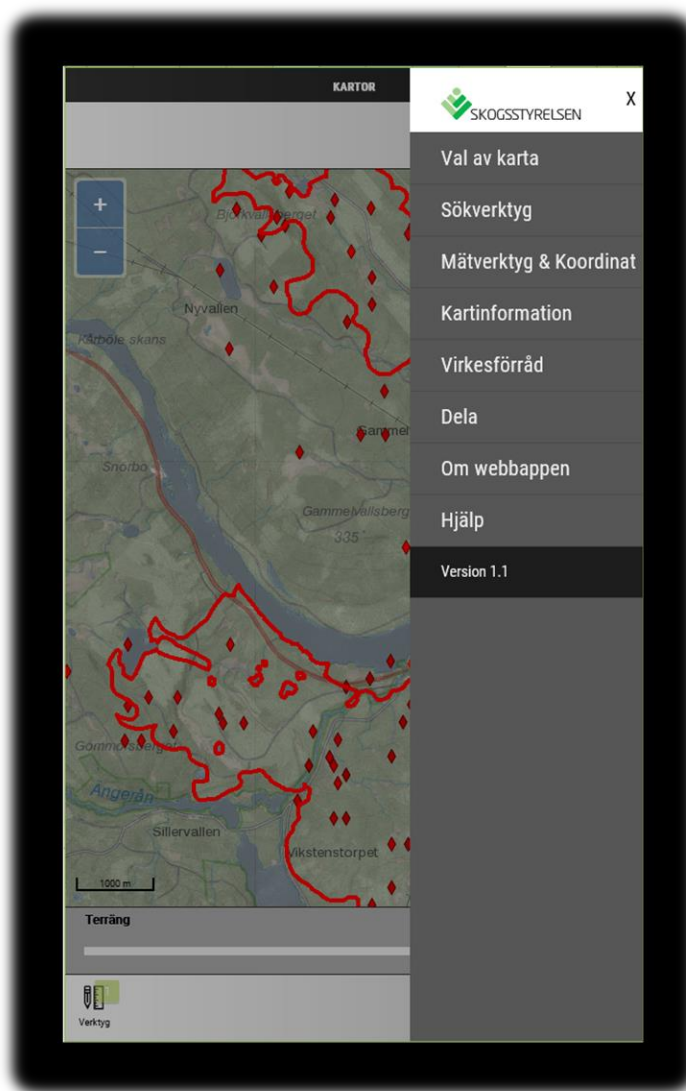
Choose which layers to show on map.

- *Vatten* Water
- *Vattenyta* Water areas
- *Vägar, järnvägar* Roads, railroads
- *Kraftledning* Electric power-lines
- *Bebyggelse* Buildings

- *Rutnät 500m* Grids 500m
- *Aktiv brand* Active fires (From satellite)
- *Avverkning... år* Clear cut forest ... year old



Functions in webb-app



Via menu  up to the right different options are available.

- **Choose background map “Val av karta”**: Switch background maps. Choose **Tools “Verktyg”** to change transparency or day of satellite data.
- **Search “Sökverktyg”**: Search city, property or to coordinates
- **Measure and coordinates “Mätverktyg och koordinat”**: Measure distance (“avstånd”), area (“yta”) or show coordinates (“Koordinater”).
To measure distance move map position so cross points at first place and then hit cross-button (low center), move map to next position and hit cross-button again.
- **Map details “Kartinformation”**: Show or hide different information on map.
- **Forest volume, “Virkesförråd”**: Calculate forest volume.
- **Share map “Dela”**: Creates a webpage link to your present map view, to share with other persons via suitable communication tool. (phone text, email, etc)

Contacts for Web-app

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