FINNISH METEOROLOGICAL INSTITUTE

Weather and impact observations using a mobile weather app in Finland



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NMM Reykjavik 20th June 2018



Motivation & plans

New kind of information

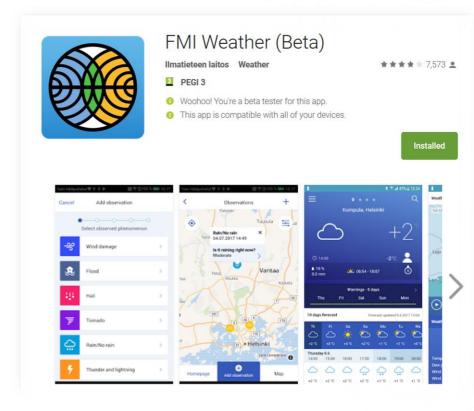
• impacts & rare local weather

FMI weather app

• 1 000 000 downloads

Simple, anonymous & easy

no registration

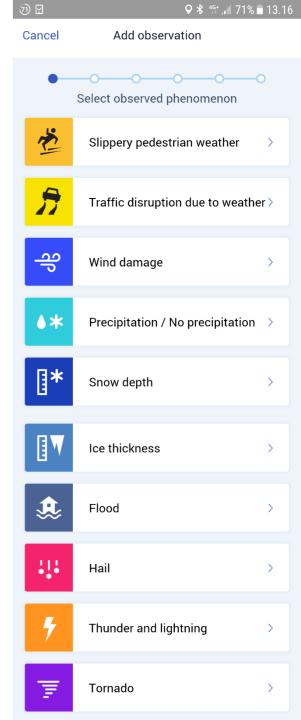




Open "My observations"

- 1. Choose phenomenon
- 2. Choose additional info
- 3. Set location
- 4. Set obs. time
- 5. Summary and send

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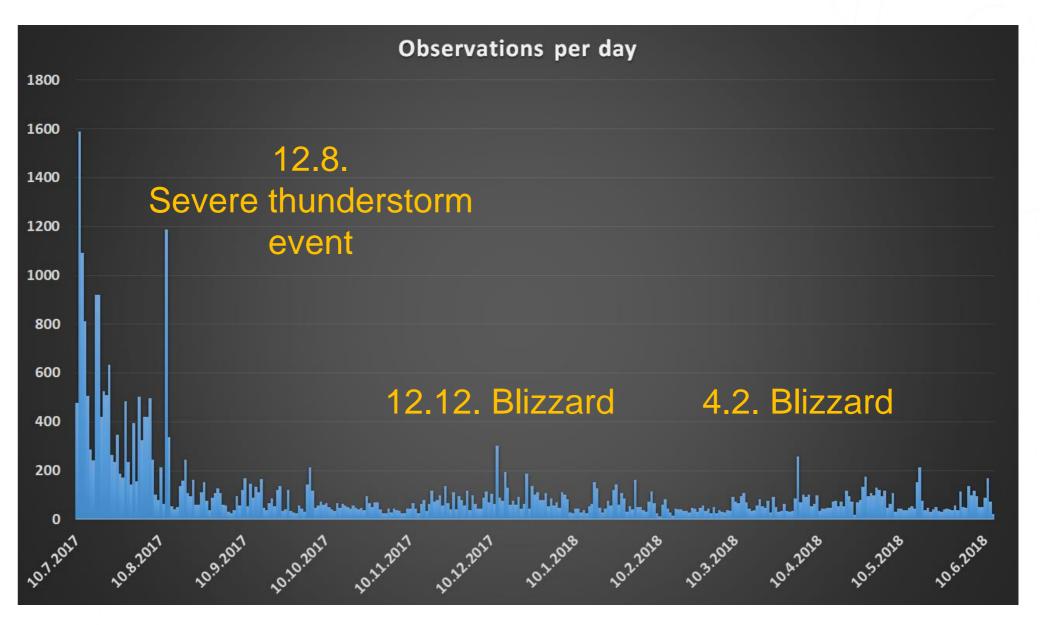




Statistics (almost one year)

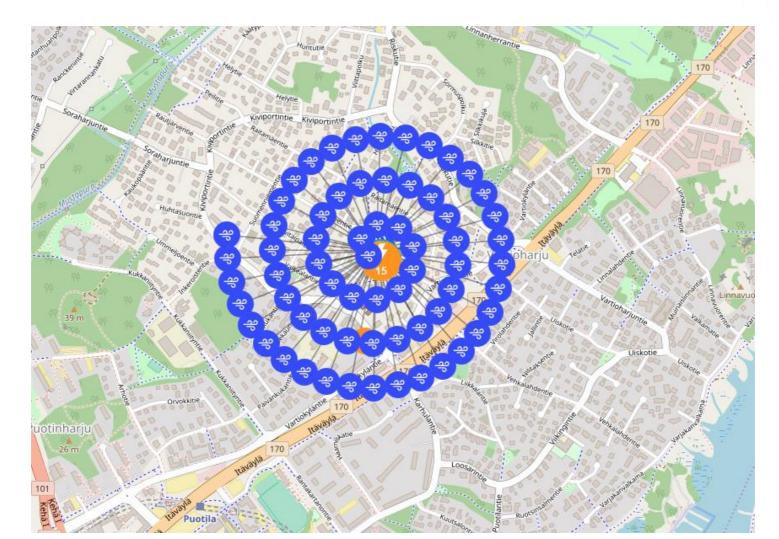






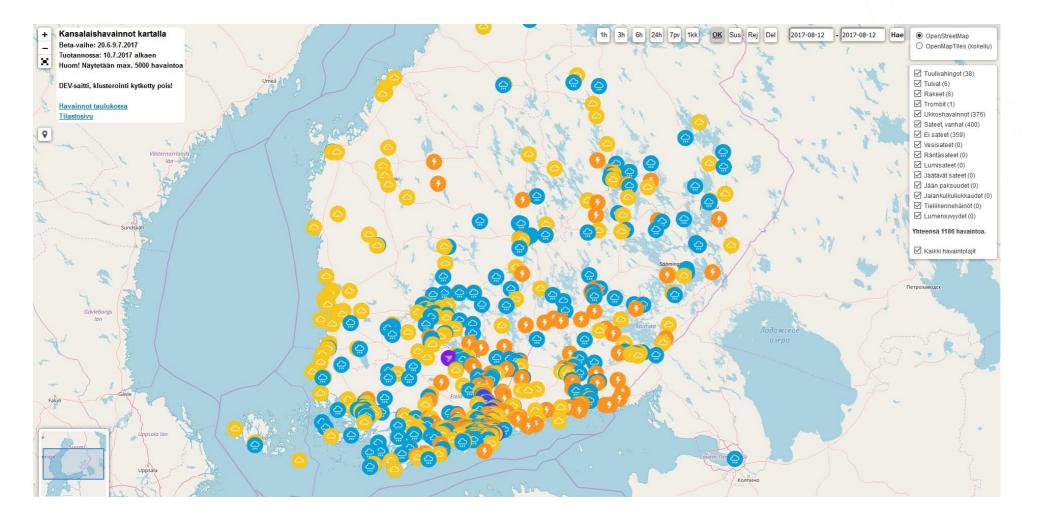
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The "troublemaker" made 400 wind damage obs





MAP view – Severe thunderstorm 12.8.2017

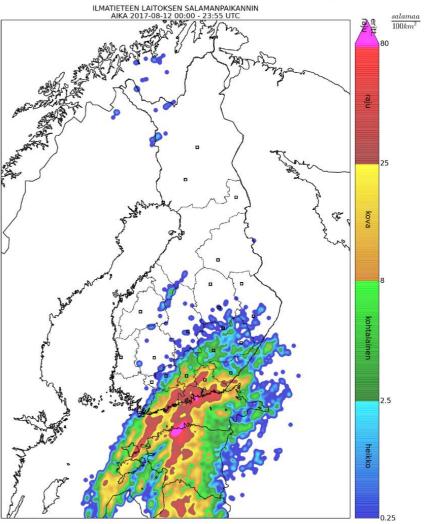




Thunder observations

Lightning detection

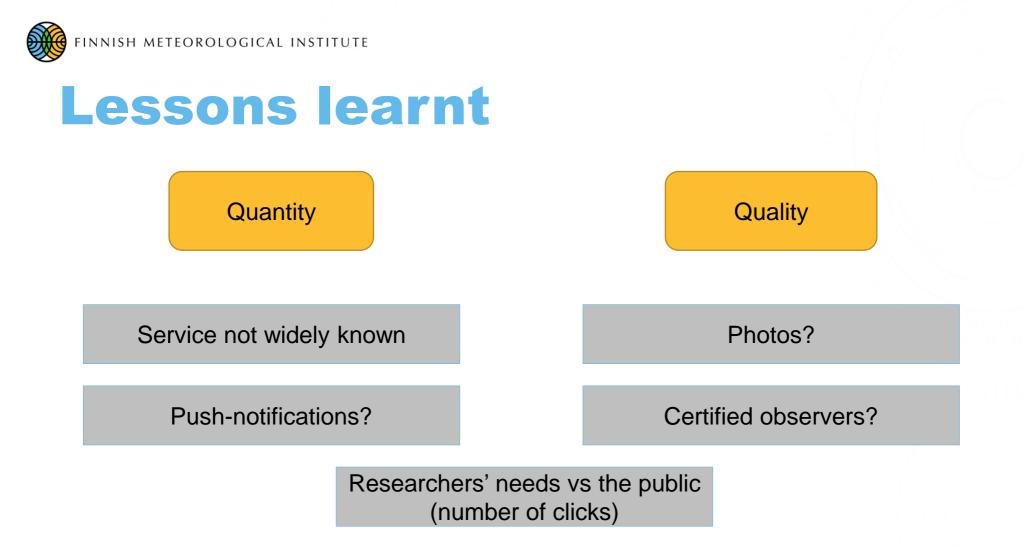






- -MartMet 5.12.4.0 - Scand File Edit View Help 🗟 🔍 🚼 1 🛛 3 🕥 🗄 M2 M3 🖄 🖓 📉 🗶 🔲 🛆 🔟 🕄 🔛 😒 09/13/2017 09:00 [UTC] Lat: 65°07.4'N Lon: 026°52.5'E H00/09.13 P 996.9 (intp: 996.9) UTC Aika: 5:54:00, tarkkuus minuuteissa: "60", Cha Trombi Minkä alustan yllä trombi oli? -Maan yllä Lisätietoa - Ainakin kolme pyörrettä. Tuhosi leikkipuiston vierestämme ja yhden auton ja paljon puita kaatunut We 13 Sep 2017 09:00:00 UTC 12 18 00 06 12 18 00 06 12 18 00 06 9/19 9/20 9/21 Tue Wed Thu 12 9/18 Mon 18 00 06 00 00 18 00 06 12 06 18 06 12 48h Location: 65°07.4'N 026°52.5'E [65.1230N 026.8753E] Elevation: 119 m (1333 x 1017 pix) NUM

Forecasters' workstation (Smartmet)



Users' needs and wishes important!



Questions? pauli.jokinen@fmi.fi

