

New tools to improve detailed precipitation estimates

Radar attenuation:

Problems “seeing through” the precipitation

Precipitation phase (rain, wet-snow & -hail)

Corrections are needed!

Radar and gauge assimilation:

Density & placement of gauges

Spacial extension of precipitation/showers

Resolution of radar vs. assimilation model

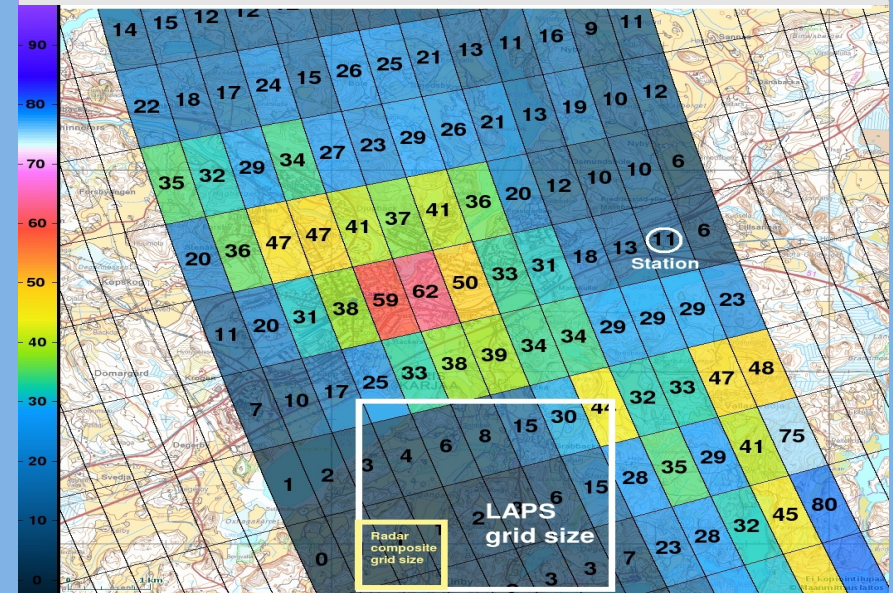
Can lightning data be used!

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Radar accumulation estimate, July 2013



LAPS – Radar & Gauge assimilation



New tools to improve detailed precipitation estimates

The poster presentation

Studies of two flooding events:

- Helsinki, August 2011
- Karjaa, July 2013

Welcome to visit our poster!

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Central Helsinki, August 2011



Reader's photo, from metro.fi

Karjaa, July 2013



Photo by reader, in Iltasanomat



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