



**Tasmanian ICT
Centre**

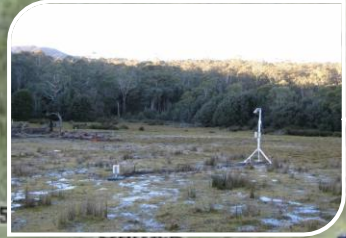
“The sustainable management of water resources is vital and it is a challenge facing many across the world.”

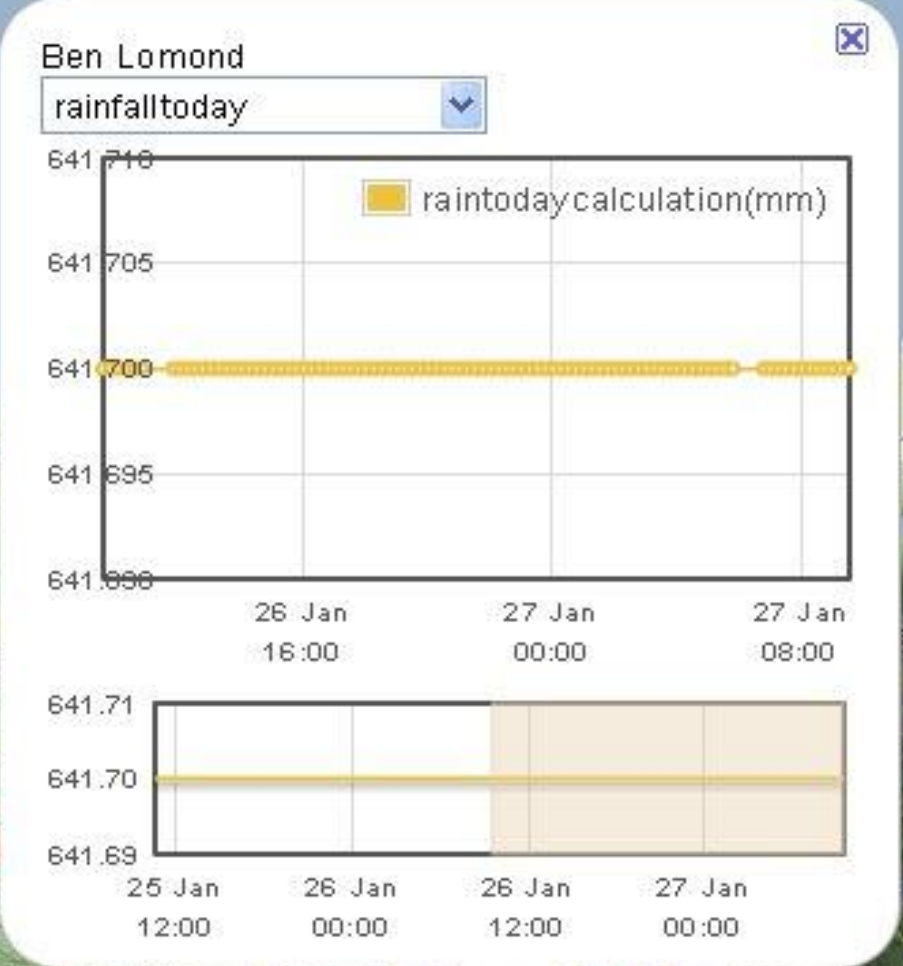
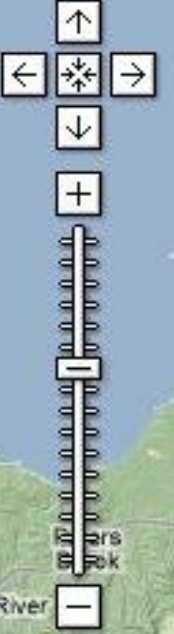
Dr Andrew Johnson
Group Executive – Environment (CSIRO)





Navigation controls including directional arrows (up, down, left, right), a zoom-in (+) and zoom-out (-) button, and a vertical zoom slider.





Ben Lomond

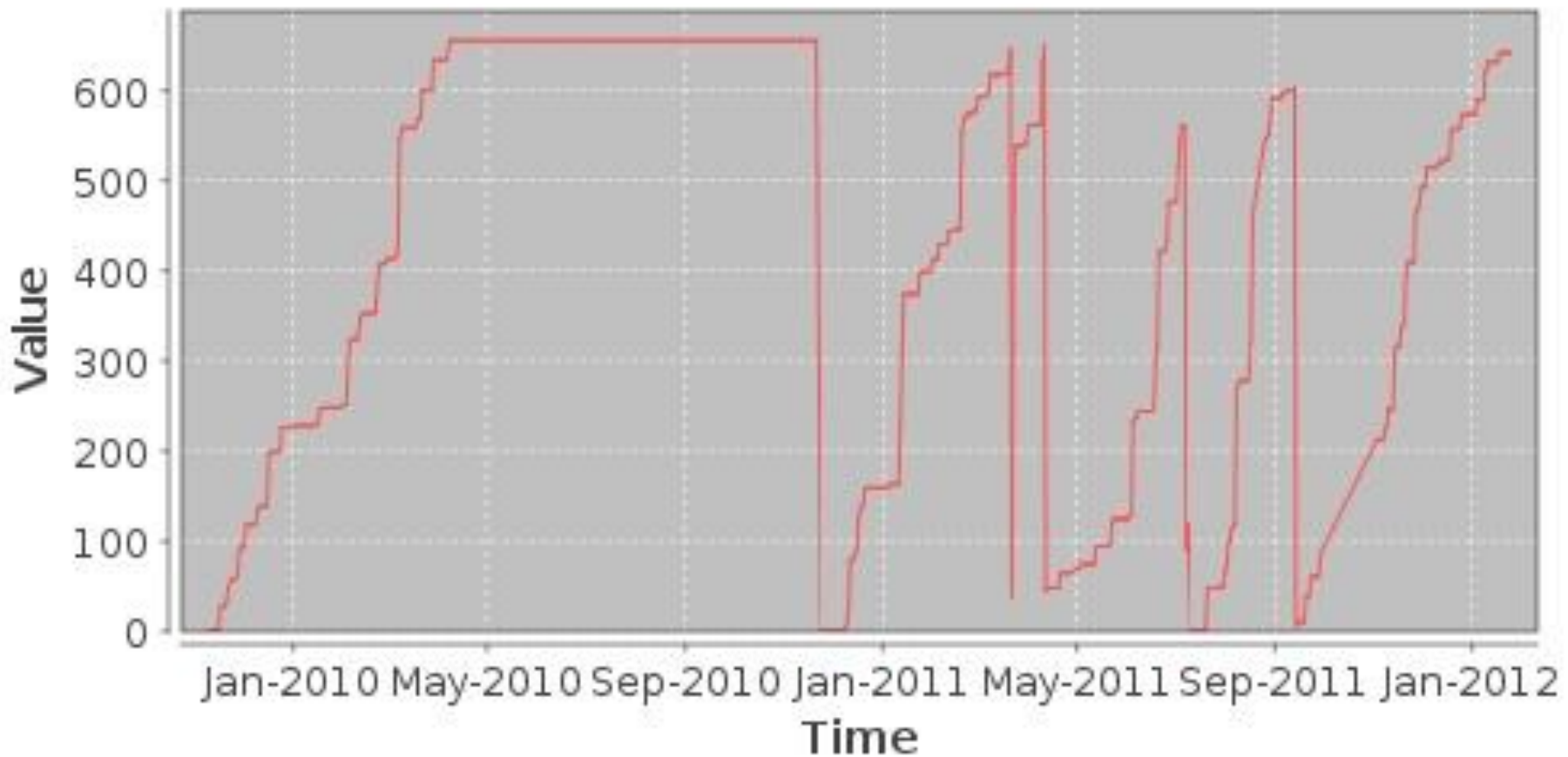
rainfalltoday

Map

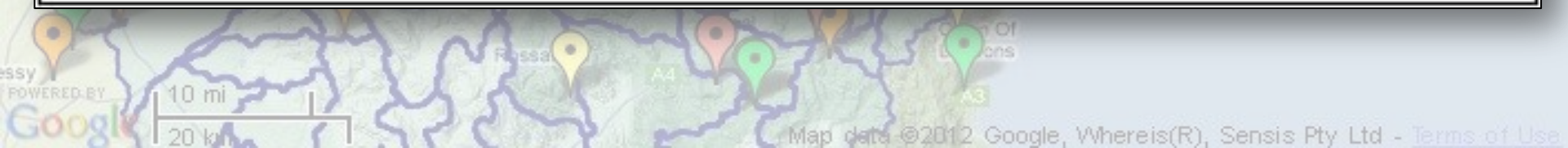
Satellite

Terrain

Ben Lomond - rainfalltoday



— Datacall Weather Stations/Ben Lomond/urn:ogc:def:phenomenon:OGC:rainfa



Ben Lomond

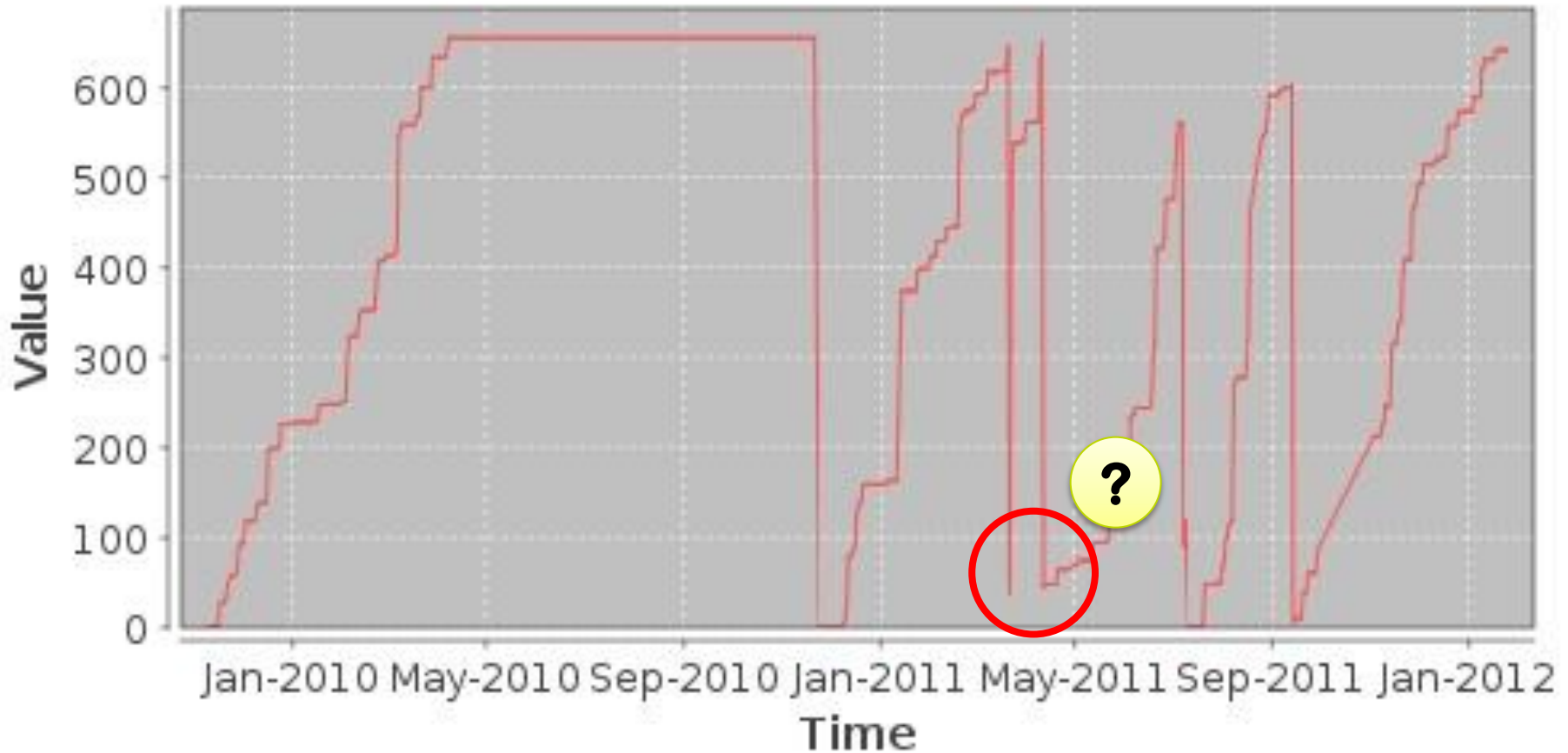
rainfalltoday

Map

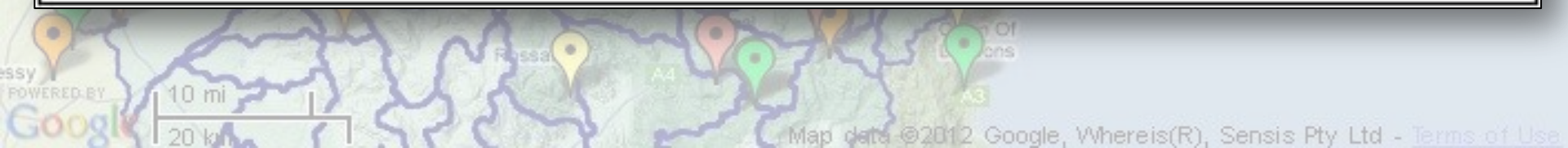
Satellite

Terrain

Ben Lomond - rainfalltoday



— Datacall Weather Stations/Ben Lomond/urn:ogc:def:phenomenon:OGC:rainfa



Get the General Public Involved

Creek Watch

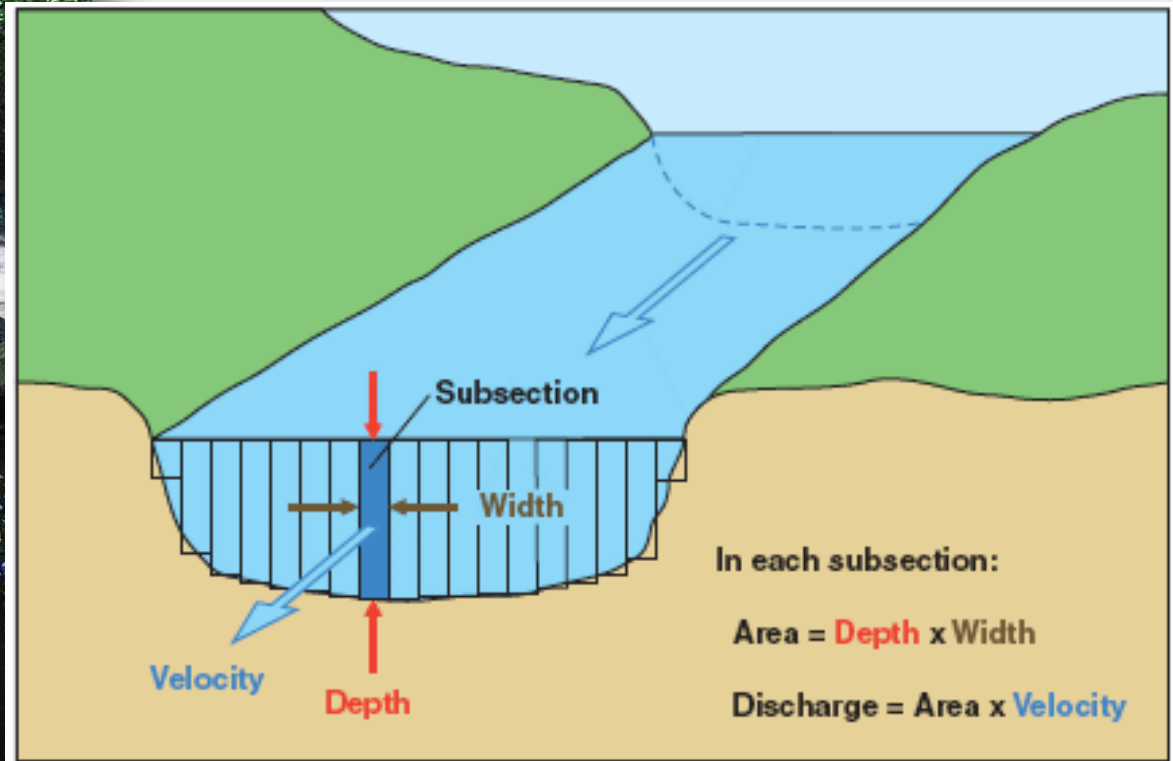
Creek Watch is an iPhone application that enables you to help monitor the health of your local watershed. Whenever you pass by a waterway, spend a few seconds using the Creek Watch application to ***snap a picture and report how much water and trash you see.***

<http://creekwatch.researchlabs.ibm.com/>



http://commons.wikimedia.org/wiki/File:Sapolna_stream_gauge_2

<http://ga.water.usgs.gov/edu/streamflow2.html>

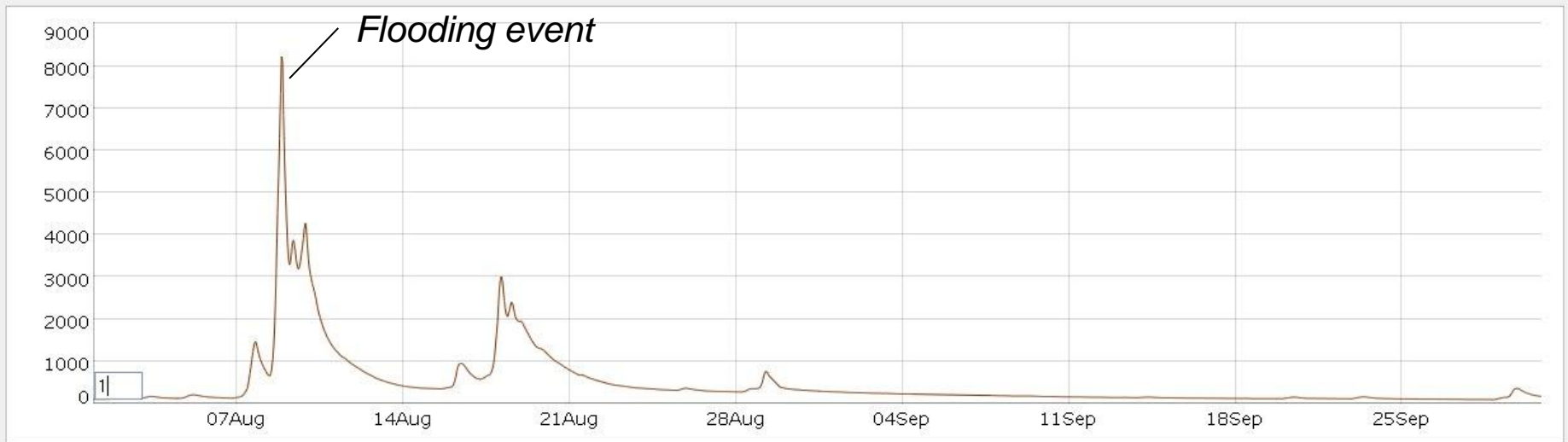


Current-meter discharge measurements are made by determining the discharge in each subsection of a channel cross section and summing the subsection discharges to obtain a total discharge.

Event-based annotations

- After a flooding event discharge values cannot be trusted until the stream gauge is re-calibrated.

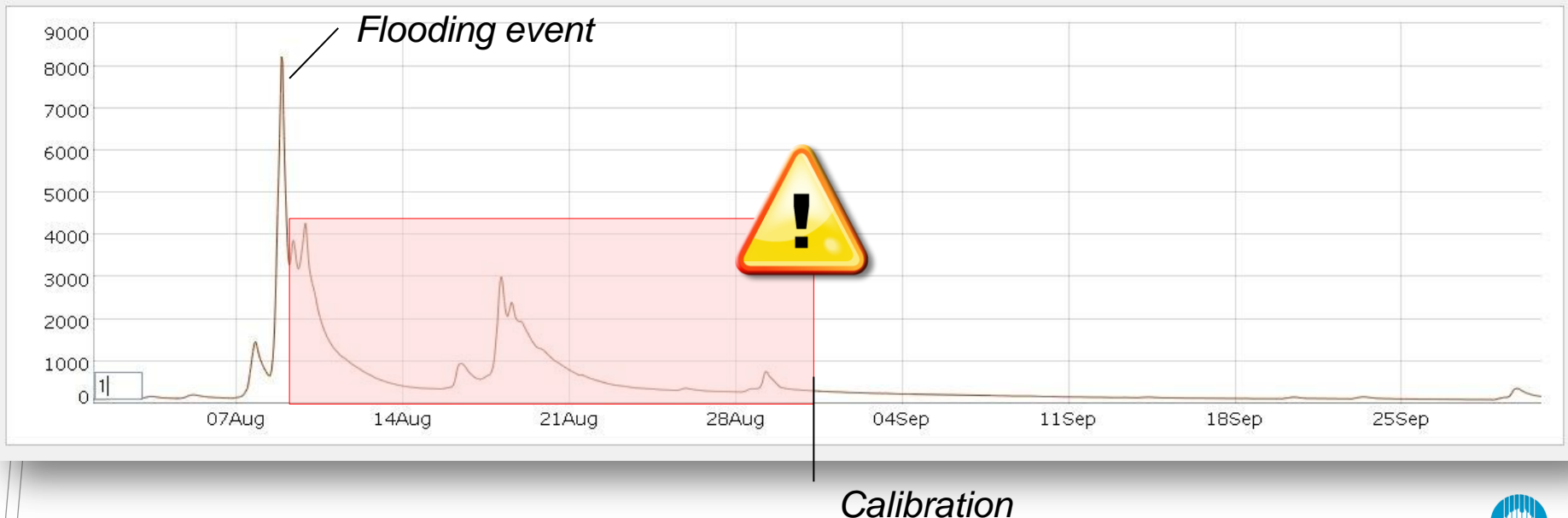
South Esk at Upper Esk Road Bridge



Event-based annotations (cont.)

- After a flooding event discharge values cannot be trusted until the stream gauge is re-calibrated.
 - Annotate observations from the stream gauge accordingly.

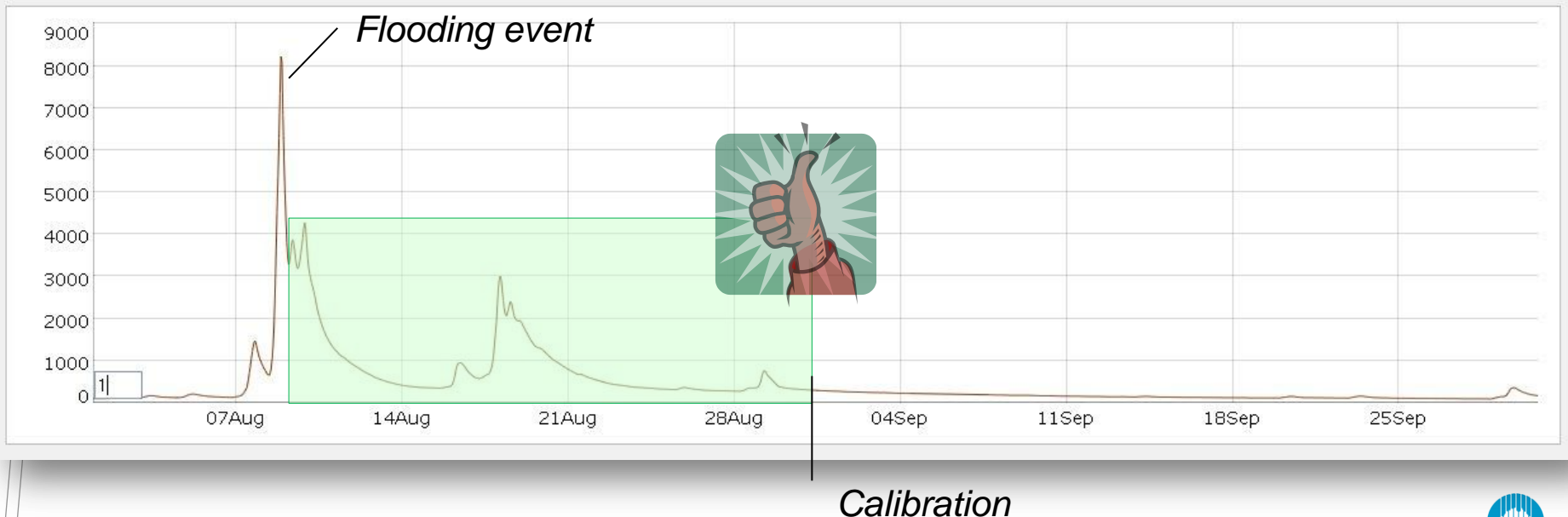
South Esk at Upper Esk Road Bridge



Event-based annotations (cont.)

- After a flooding event discharge values cannot be trusted until the stream gauge is re-calibrated.
 - Annotate observations from the stream gauge accordingly.
 - Adjust annotations after calibration.

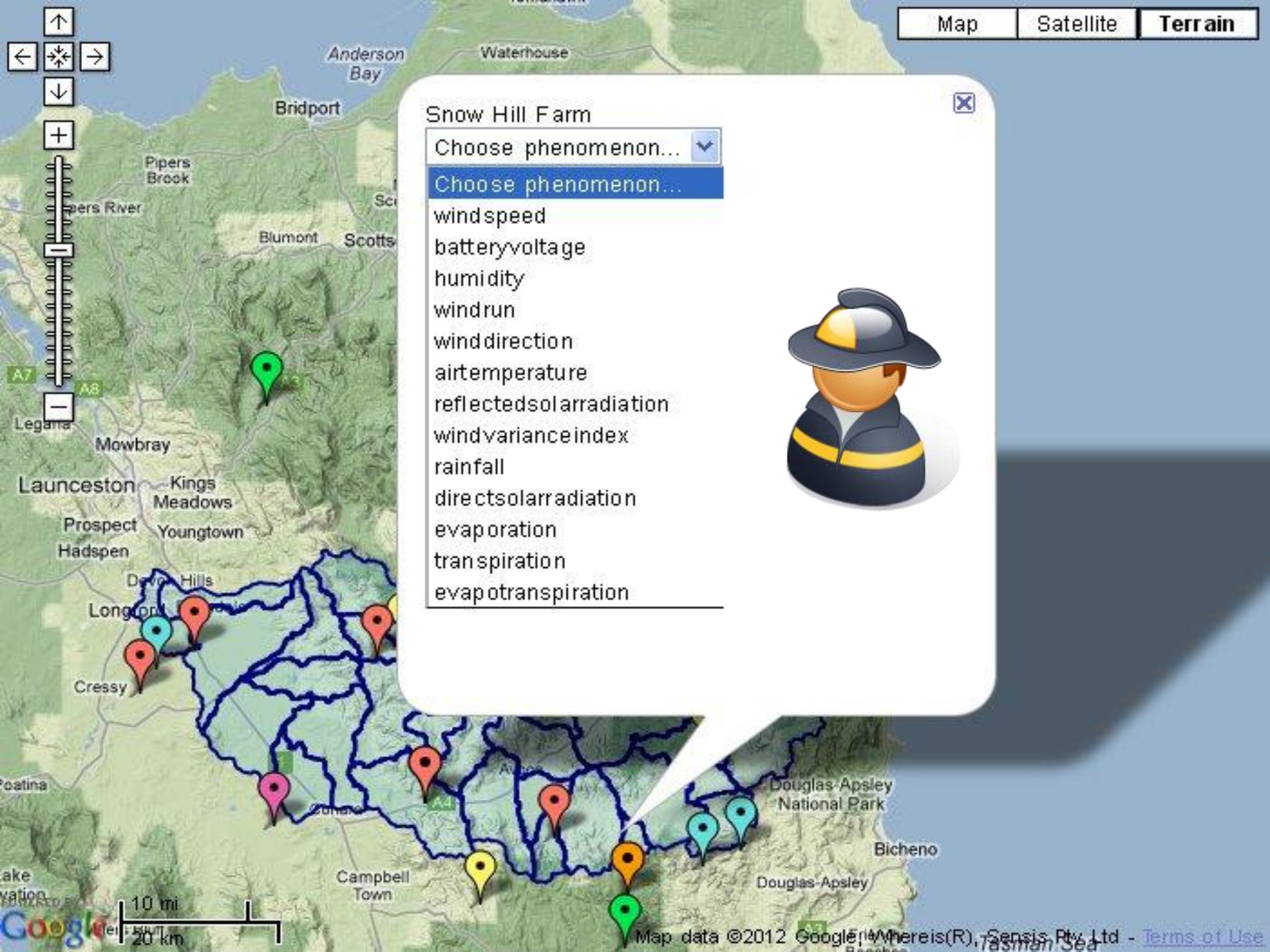
South Esk at Upper Esk Road Bridge



Map

Satellite

Terrain



Snow Hill Farm



Choose phenomenon... ▾

Choose phenomenon...

- windspeed
- batteryvoltage
- humidity
- windrun
- winddirection
- airtemperature
- reflectedsolarradiation
- windvarianceindex
- rainfall
- directsolarradiation
- evaporation
- transpiration
- evapotranspiration







Link my data

Data search

Recently updated streams



[Rainfall @ Grey](#)



[Water level](#)



[Turbidity Site #4](#)

[More...](#)

South Esk Rainfall sets Water quality



Quality context

This [series](#) was tagged [Good quality](#) by [TerhorstA](#)
 This is [raw](#) and [not approved for release](#) data

Sensor context



The [sensor](#) providing this data has not been serviced for over a year. [More info](#)



This [sensor](#) has data for the last 24 hours

Related data sets

There are [three measuring devices](#) nearby
 This data is an input to a [flow forecast model](#)

Actions

Rate this data



[Link this data...](#)

[Tag this data...](#)

[State that you trust this data](#)

Related people



[TerhorstA](#) owns this data



[Chris P](#) used this [data](#) last week

Other context



[ChrisP](#) created a derived [rainfall surface](#) using this data



[Helko](#) related this data to a [catchment management plan](#)



This data has been downloaded more than 100 times



This [series](#) is located within the [South Esk](#) catchment in [Tasmania](#)

SEFF Dashboard

<http://seff.csiro.au>

User: seff.guest@csiro.au

Password: seff\$7

CSIRO ICT Centre

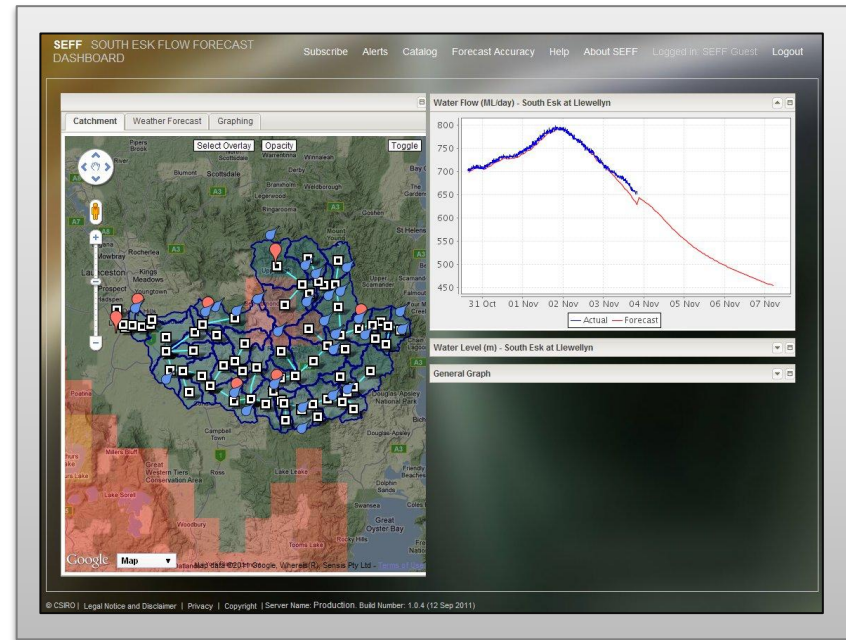
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Thank you

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