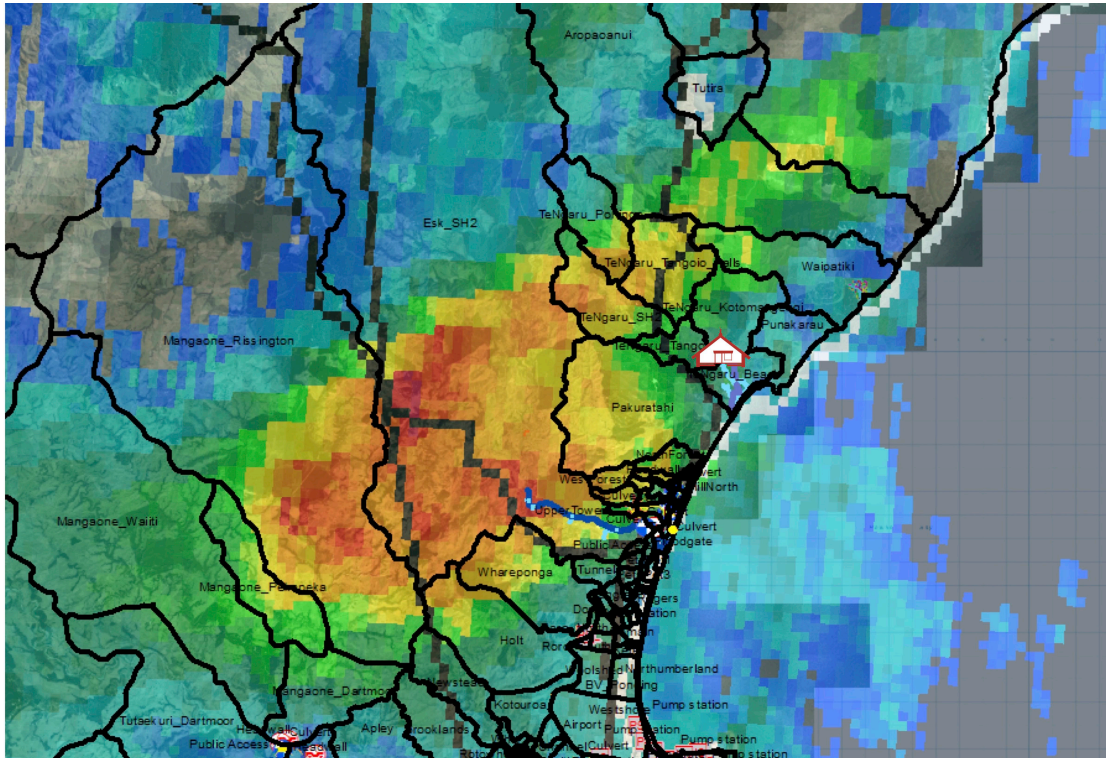


Esk flood on 8 March 2018

The image below shows the rainfall radar (the peak hour), with the colours showing red the most intense rainfall. This was one hour when the peak was about 55mm in the hour, and there are two records of 27mm in 15 minutes. Tangoio Marae is marked with the whare icon.



The Hawke's Bay Regional Council provided this information and advised that if that same concentration of rainfall fell in Te Ngarue catchment (only about 10km from where the highest concentration was) there would've been huge devastation at the Marae and in the whole Tangoio Valley, much worse than in the Esk. The extent of this intense rain was only over about half of the Esk catchment, but it would have covered the whole Te Ngarue catchment.

This rainfall was well over the 100 year values compared to existing statistics. Now that this event has happened, the Council has to consider it in the statistics, which makes the new 1 in 100 year rainfall higher.