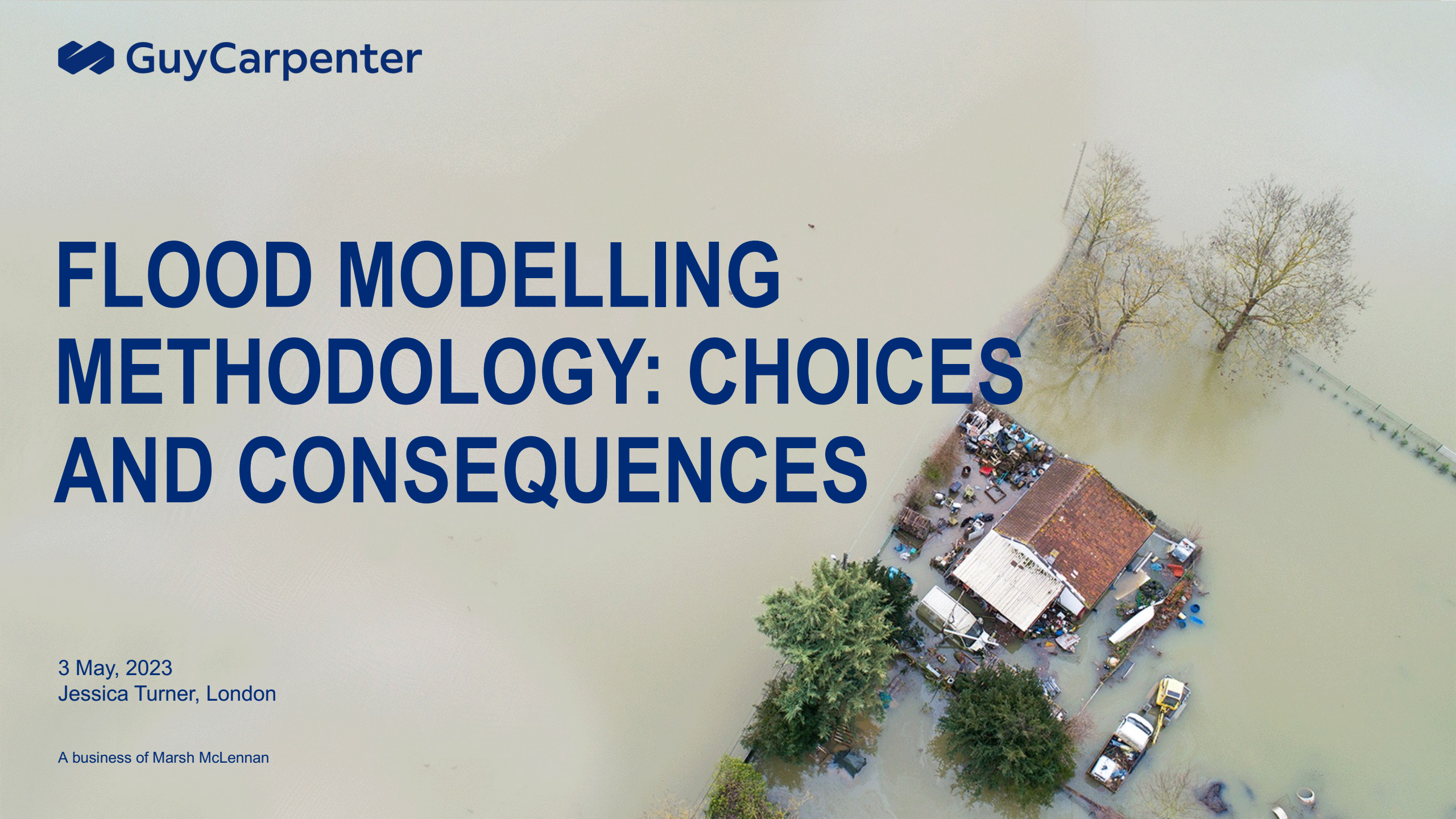


FLOOD MODELLING METHODOLOGY: CHOICES AND CONSEQUENCES



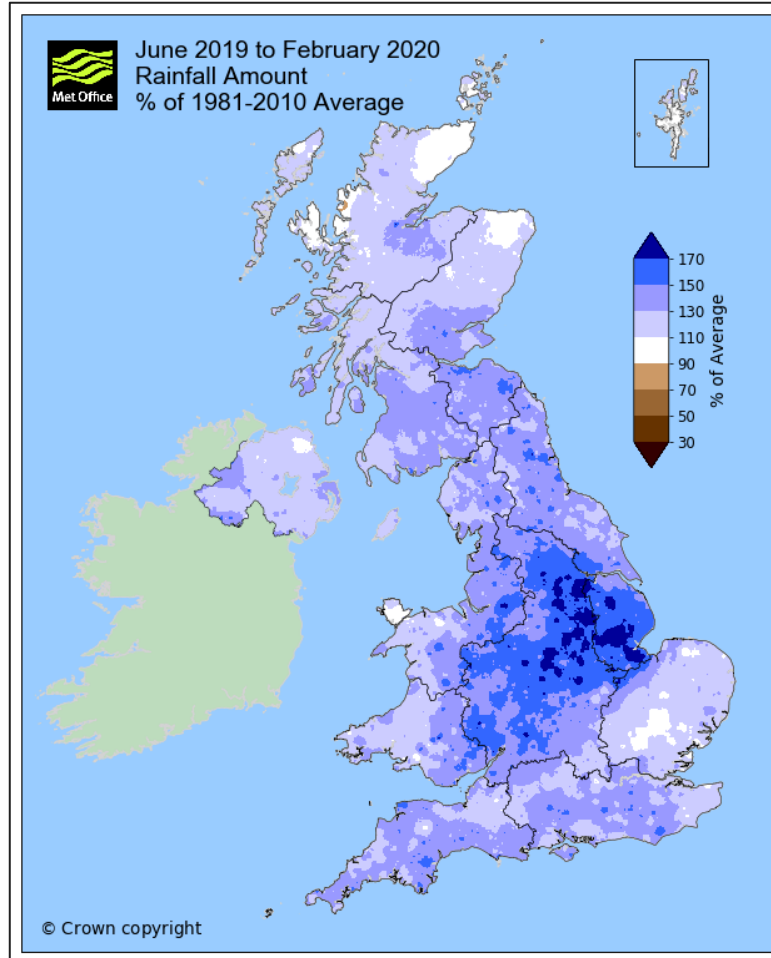
3 May, 2023
Jessica Turner, London

Agenda

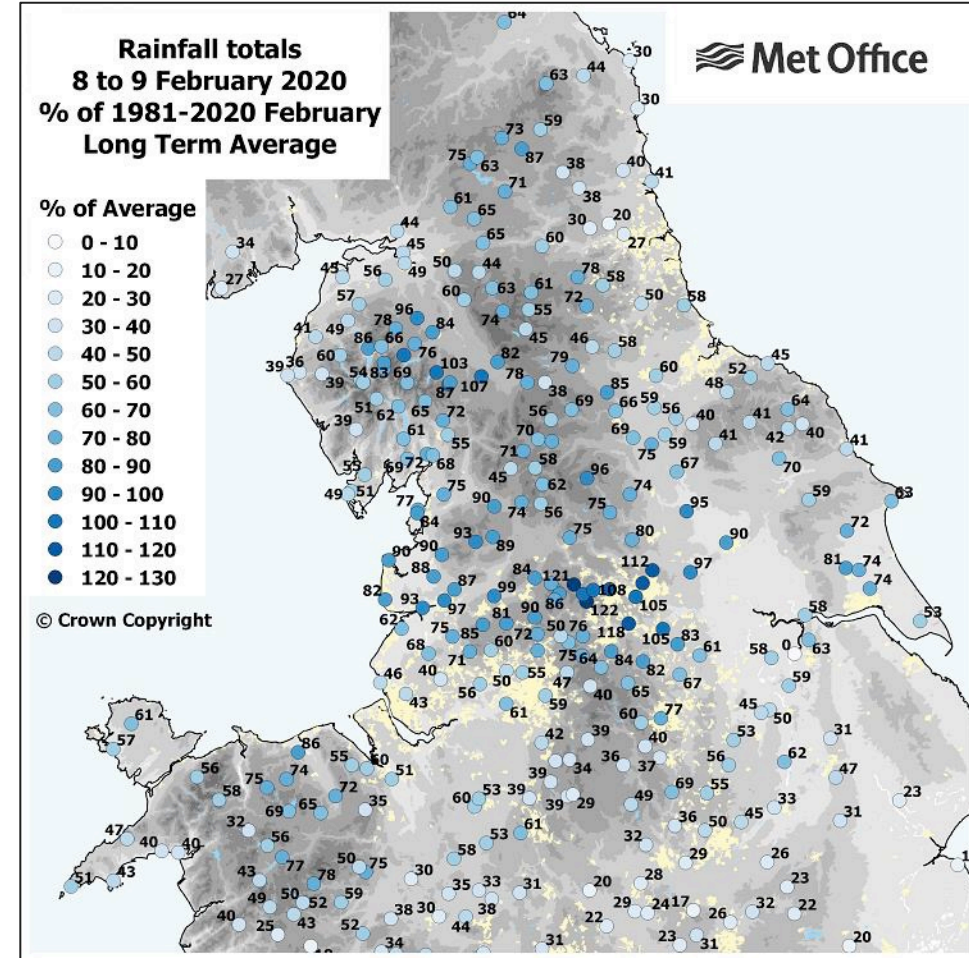
- Opening
- 20 min presentation per vendor
- 20 minutes discussion + questions from the audience

Event #1 – Calder Valley, Storm Ciara, Feb 2020

Antecedent conditions

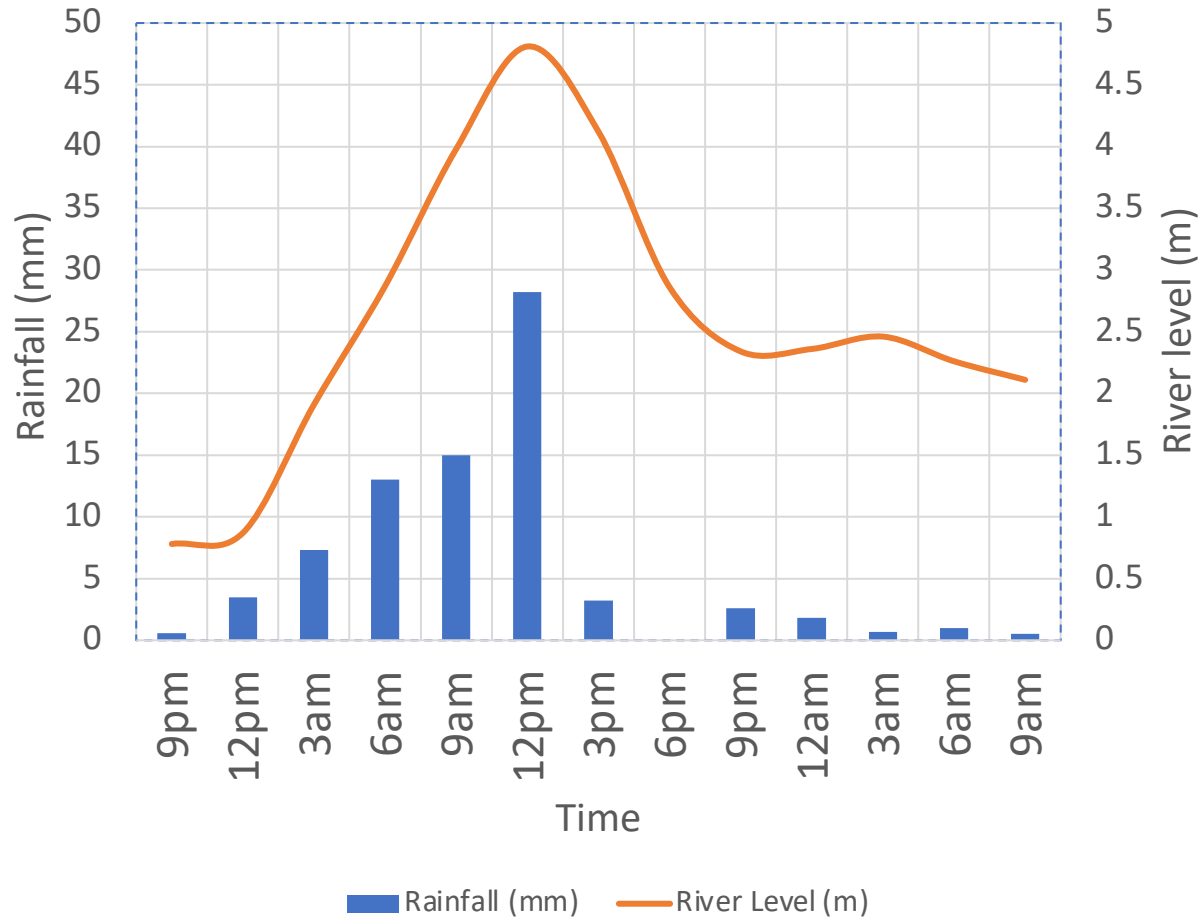


Event rainfall



- Figure 1: June 2019 to June 2020, rainfall amount as a % of long-term average
- Figure 2: Rainfall totals for Storm Ciara, as a % of long-term average

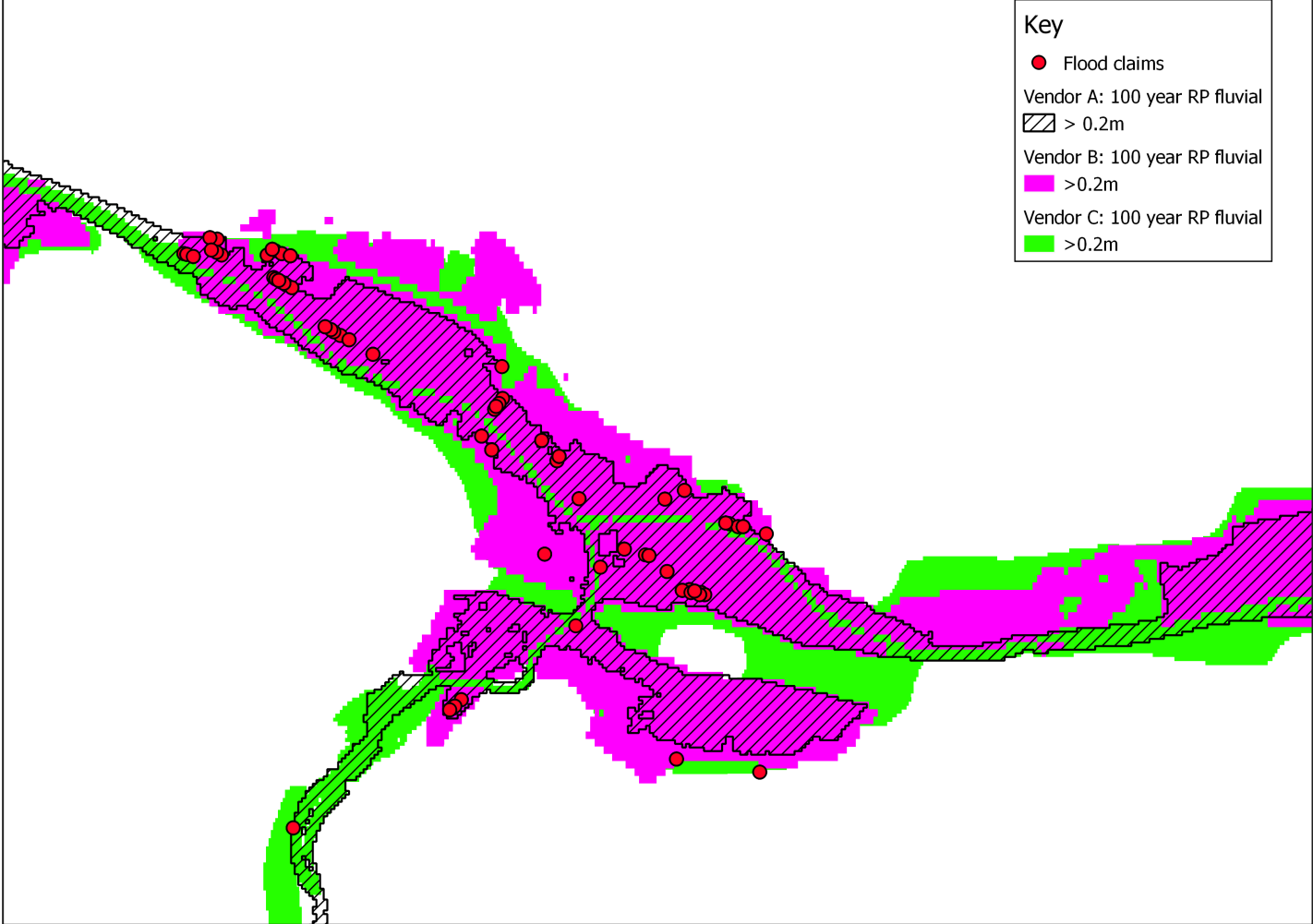
Event #1 – Calder Valley, Storm Ciara, Feb 2020



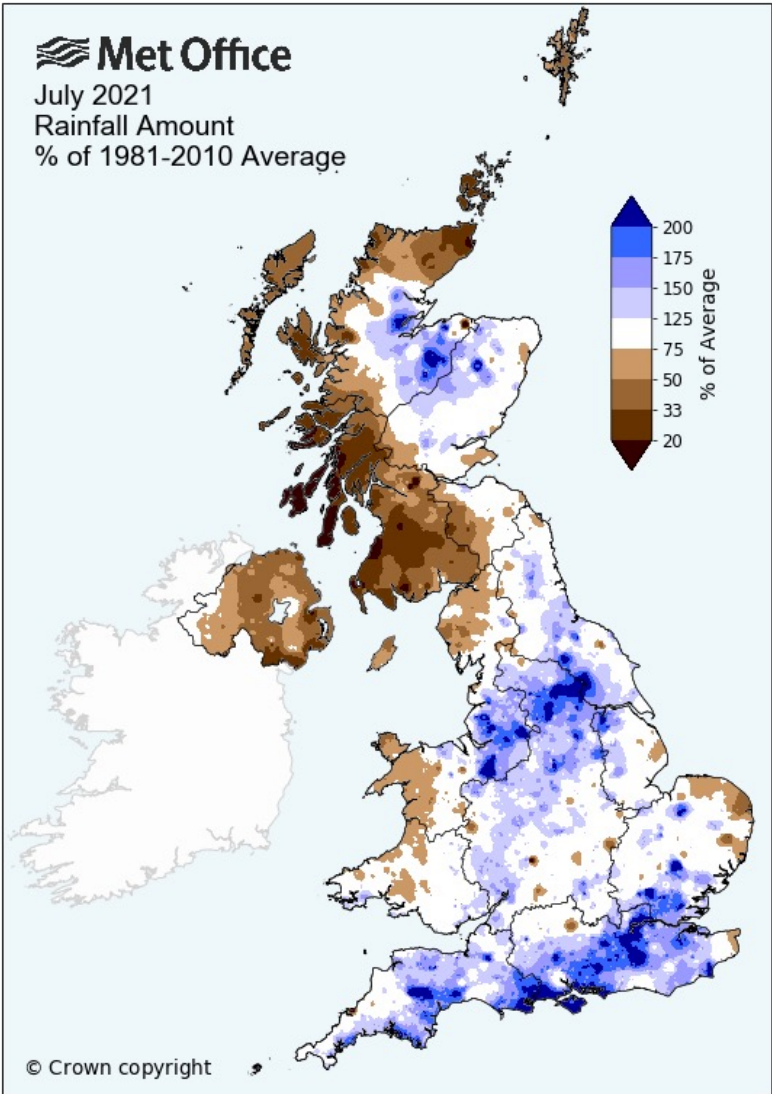
- Figure 1: Hydrograph and Hyetograph for a gauge in the Calder Valley, Storm Ciara
- Figure 2: BBC News image of flooding in Calder Valley from Ciara.

Data from UK Gov Flood Info Service, World Weather Online and BBC News

Event #1 – Calder Valley, Storm Ciara, Feb 2020



Event #2 – London, July 2021



Event #2 – London, July 2021

