

## Impacts of Flooding Activity: Create a Storm Hydrograph for a Flood Event

In this activity you will use statistics from a real flood event to put together a flood hydrograph.

You will need:

- A copy of the [blank storm hydrograph](#) worksheet
- The [tutorial presentation](#) about how to create a storm hydrograph

Now you need to:

- Follow through the tutorial about what a storm hydrograph is and how to create one.
- Complete the storm hydrograph template using the figures on the sheet.
- Can you draw any conclusions about the flood event and/or catchment from analysing your storm hydrograph?

### CHALLENGES:

1. Use the real life data provided about storm events at [Cockermouth](#), [Keswick](#) and [Ambleside](#) create a storm hydrograph.
2. When a storm is next forecast in your area, [make a rain gauge](#) then check and record the details hourly.
3. Log on to [www.gaugemap.co.uk](http://www.gaugemap.co.uk) and get the river level data for your local river.
4. Use the two sets of data to make a storm hydrograph for a storm event in your local area.