

Flooding

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Flood Resilience Officer
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Flooding & Communities – my role

- Working with communities who are at risk of flooding to draw up flood plans on actions they may take before, during and after a flood.
- To help them recruit flood wardens, enabling them to have a measure of self resilience within their community.
- Organise seminars, training, workshops for flood wardens enabling them to meet other wardens and exchange information and receive support.
- Enable them to identify what their flood risk is and encourage them to look at ways to mitigate those risk.
- Keep a list of flood wardens, volunteers and contacts across Wiltshire's town and parishes so that in a weather emergency I or my colleagues can contact them directly and speak to them about what is happening in their parish and how/if we can assist in any way.
- Gather, collate and report information.

Flood Plans

- Wiltshire Council believes that the flood plan belongs to your community for example:-
- Your plan needs to incorporate the flood risk to your community
- It should reflect the needs of your community and the resources that you have available.
- We can offer guidance and information and there will be expectations of items to be included in your plan.
- Your plan should cover what your parish may do, before flooding happens, during flood and after a flood.
- Everyone in the parish should know the parish has a flood plan and who to contact if they need assistance.

Flooding

- Flooding is a natural process which shapes our landscape.
- Flooding is beneficial for maintaining eco systems
- Flooding becomes a problem in areas we want to live in or travel across



- Surface water – a result of intense rainfall that accumulates on the land and travels across its surface
- River flooding – when a watercourse cannot cope with the volume of water and overtops into the surrounding land
- Groundwater – when the water table in the ground rises above the level of the ground breaking out as springs, or seeping into cellars.
- Canal or reservoir breach

Wiltshire Council

- Wiltshire Council is the Lead Local Authority with responsibilities towards flooding and to non main rivers, ordinary watercourses and groundwater.
- Ordinary watercourses are anything that transmits land drainage (water) that is not classed as main river.
- Work on or within 8 mtrs of a watercourse must have consent from Wiltshire Council.
- We review planning applications for flood risk sites and comment accordingly.
- Section 19 Investigation 6 or more properties flooded.
- Land Drainage Bylaws.

Homeowners

- If your land is bounded by a watercourse or has one that runs through it or under your property you will have a “riparian” responsibility to that watercourse.
- If work needs to be undertaken to the watercourse you may need permission from the EA or Wiltshire Council.
- Information on your rights and responsibilities can be found at www.environment-agency.gov.uk
- You have a responsibility to protect your own home from flooding it is the not the responsibility of the local authority.

Encouraging Local Knowledge and Local Action

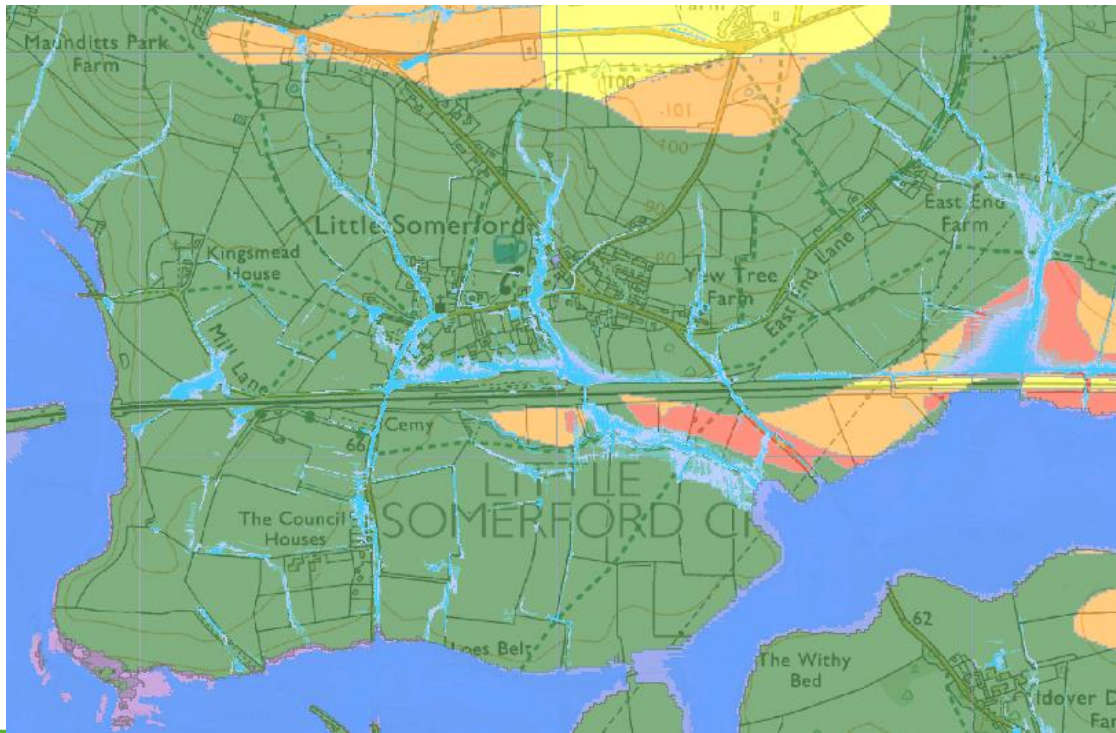
- Ditch letters – encouraging town and parish councils to take the initiative in talking to local landowners to maintain their ditches that if blocked would cause internal property flooding in their community. Providing them with guidance, and pro forma letters.
- Identification of high risk gullies – encouraging them to be identified in their flood plan - those gullies that if blocked will cause internal property flooding or standing water on a high speed road (60mph).
- Understanding their flood risk.
- Mapping drainage features within their community.
- Weed control near watercourses – sharing their experience.
- Watercourse clearance.
- Adopt a drain scheme.

Malmesbury Area Board

- Some of you have flood plans
- Some of your don't

Flood Maps

Little Somerford

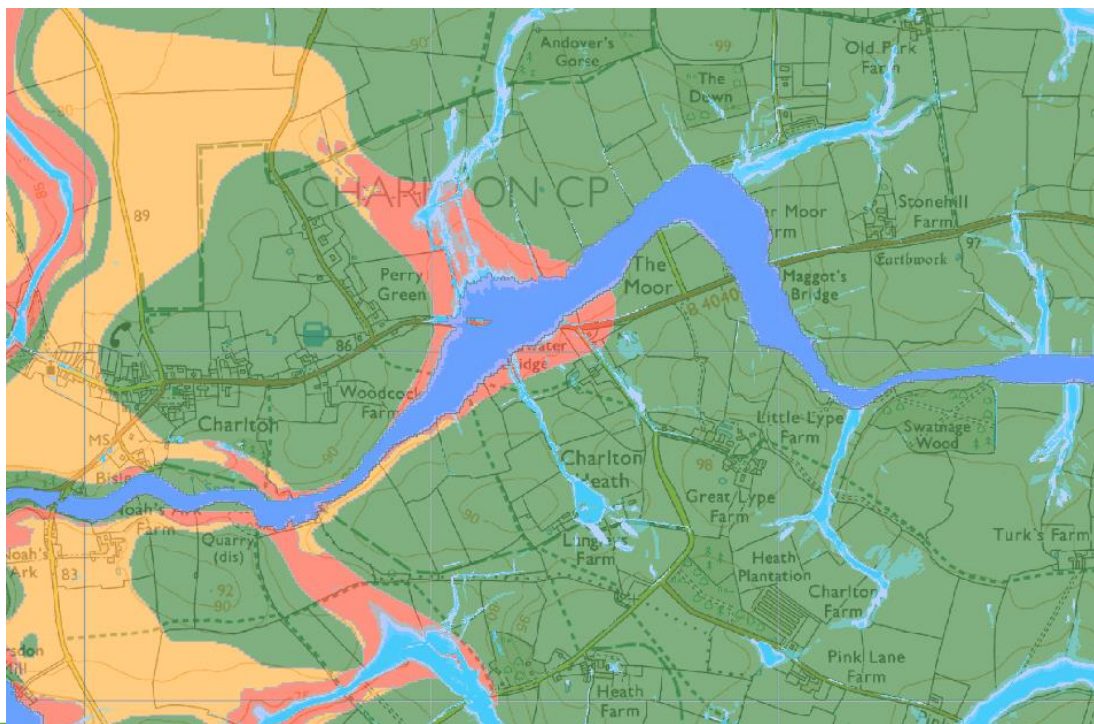


Lea & Cleverton

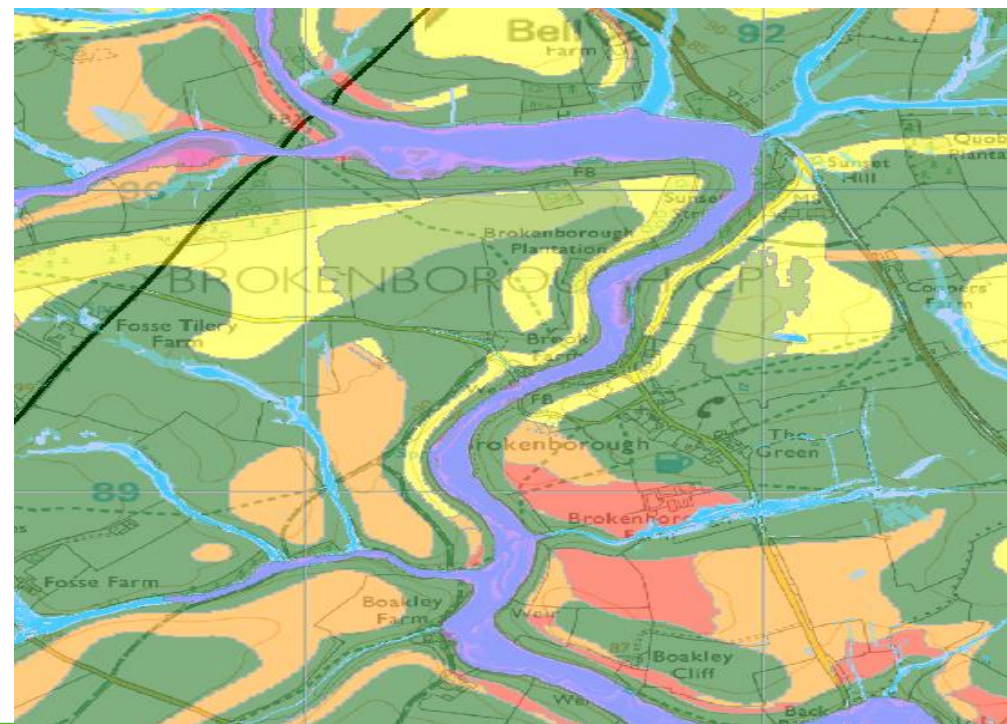


Flood Risk

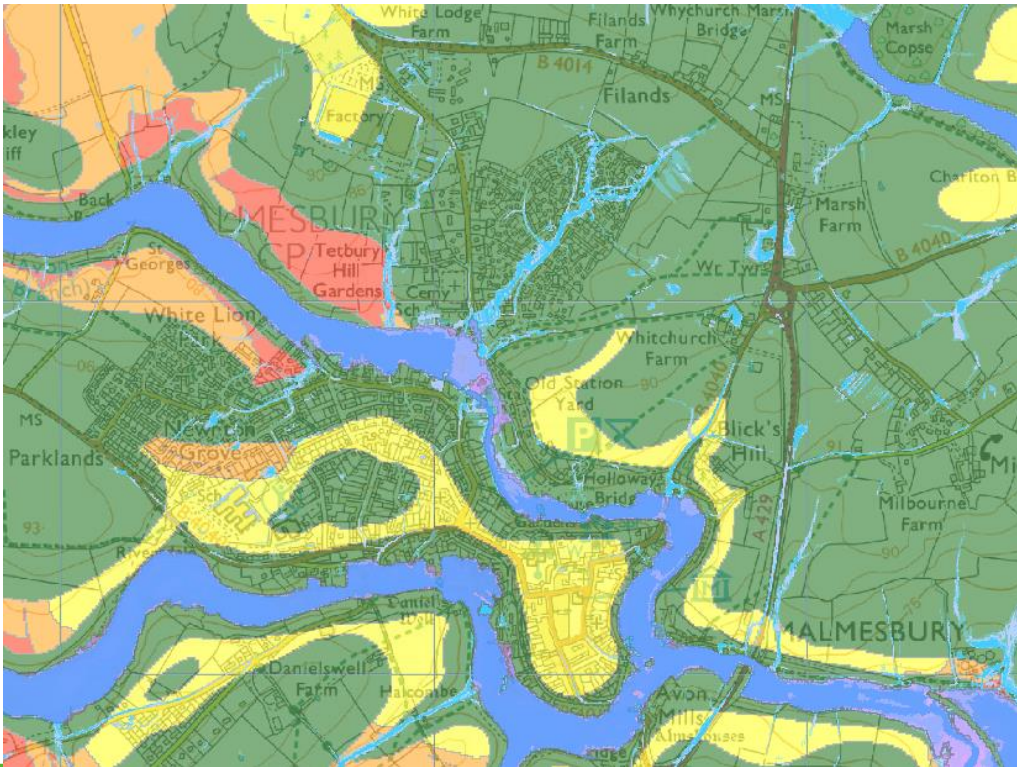
Charlton



Brokenborough



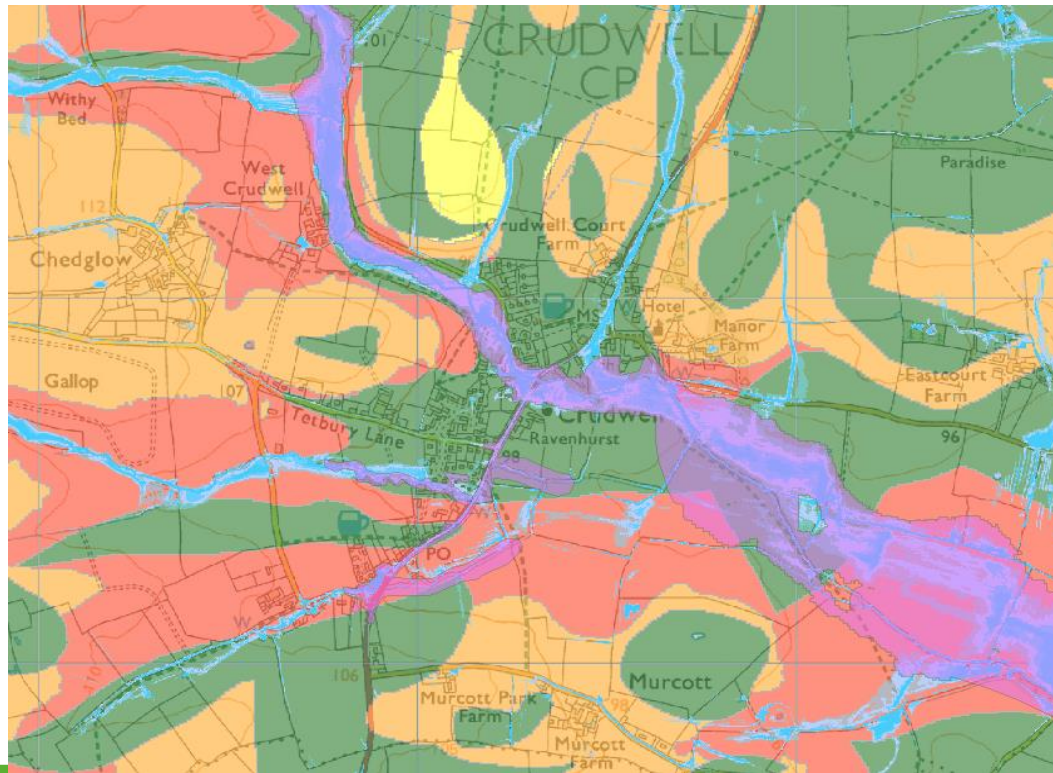
Malmesbury



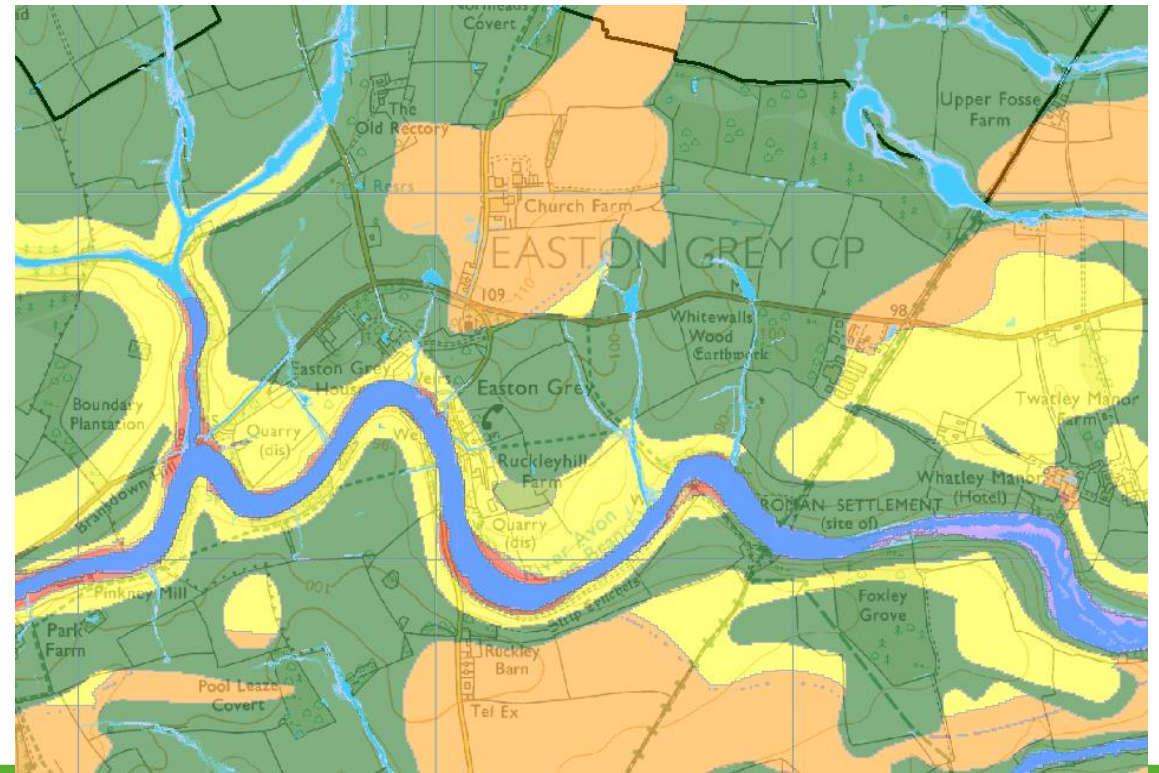
Ashton Keynes



Crudwell

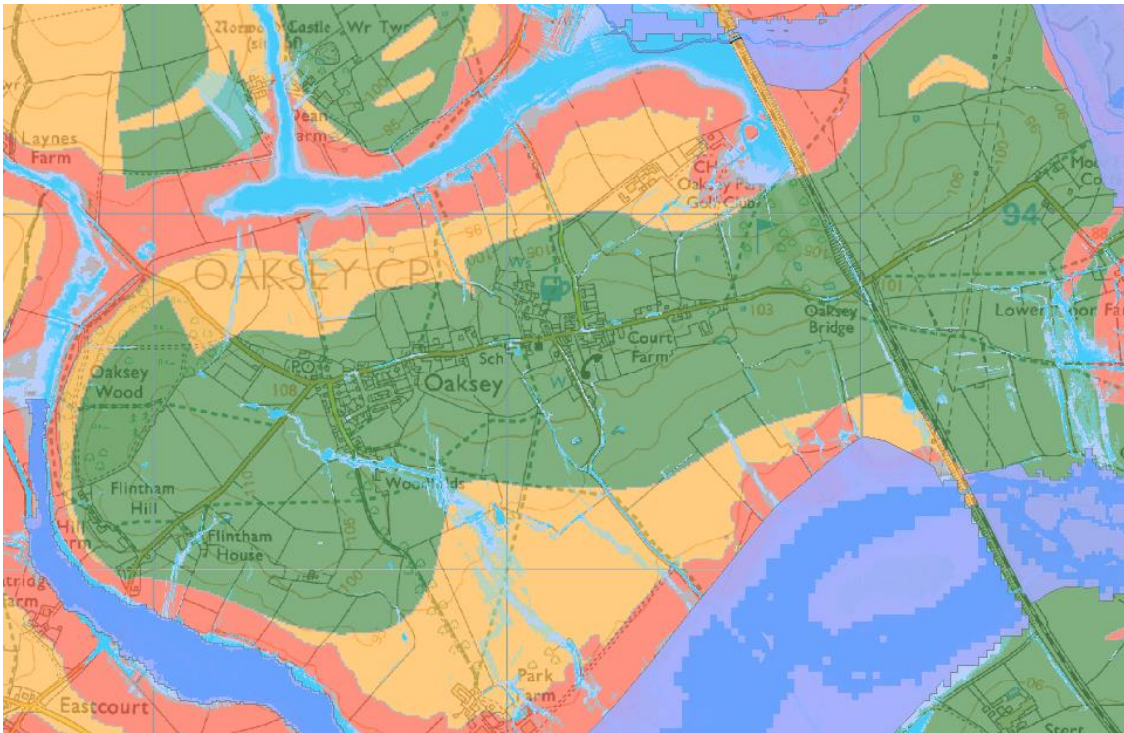


Easton Grey

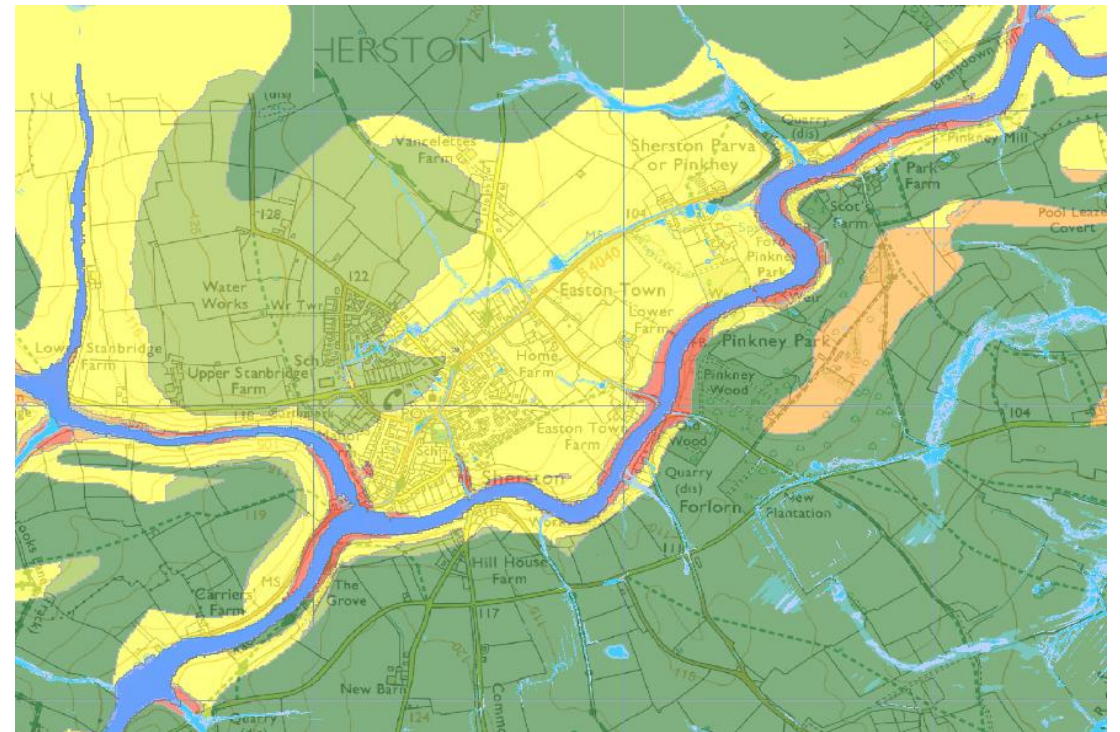


Flood Risk

Oaksey

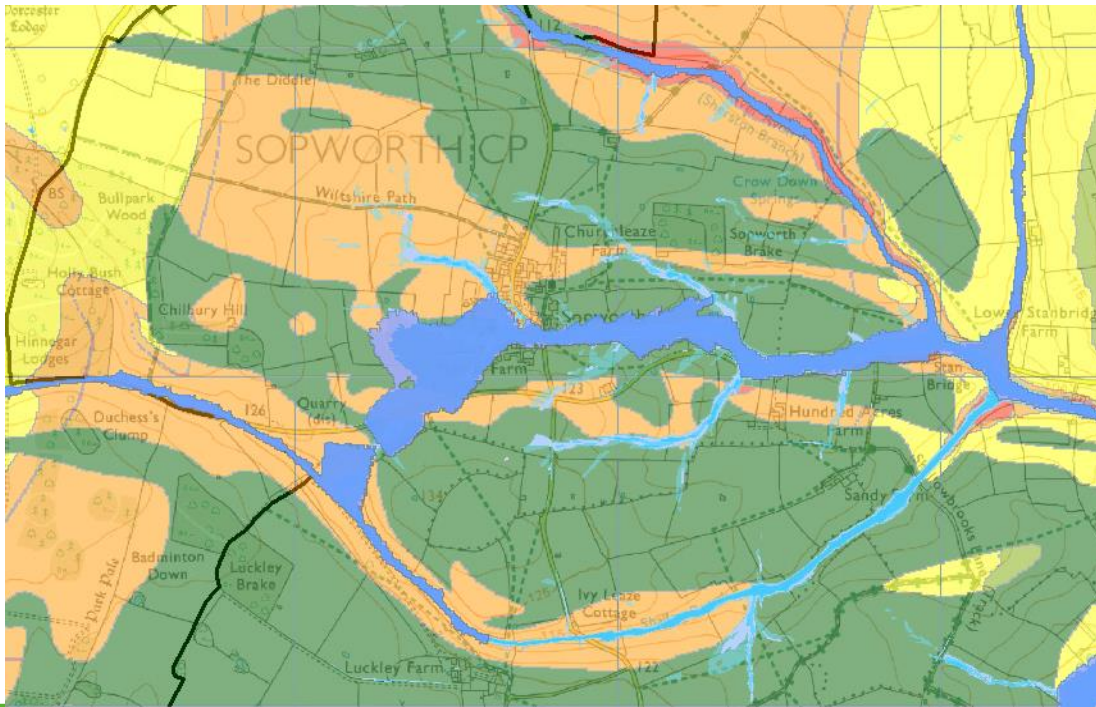


Sherston

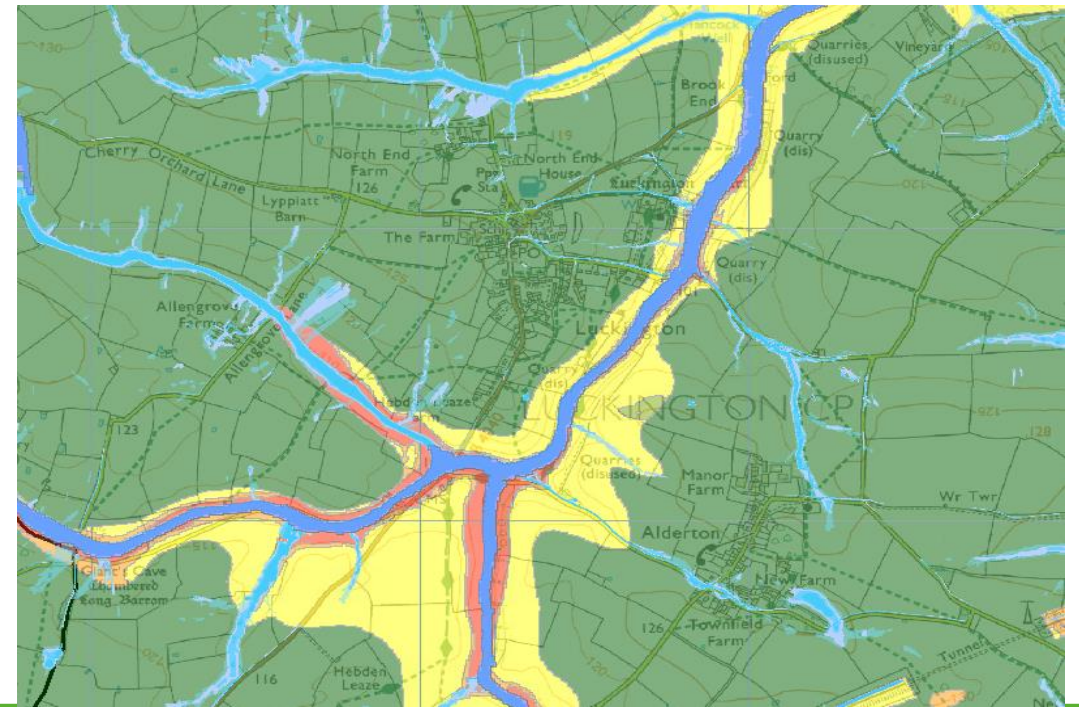


Flood Risk

Sopworth

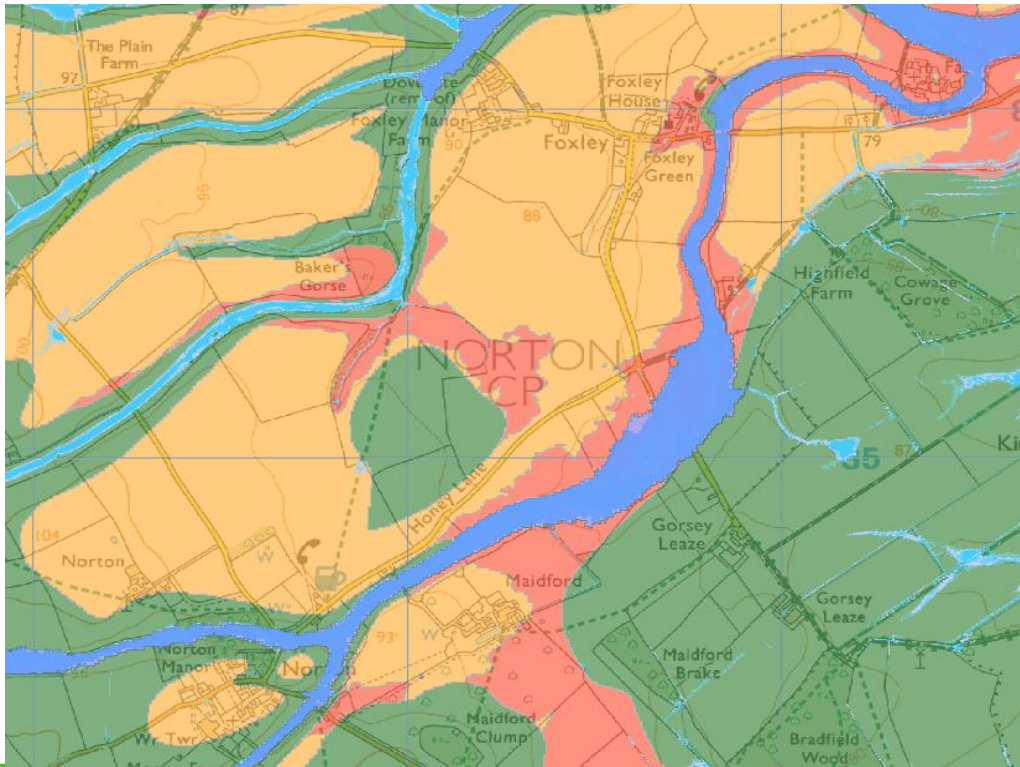


Luckington & Alderton



Flood Risk

Norton & Foxley



Groundwater flood risk

□ Groundwater Flood Risk

DepthRange

- No risk.
- Groundwater levels are at least 5m below the ground surface.
- Groundwater levels are between 0.5m and 5m below the ground surface.
- Groundwater levels are between 0.025m and 0.5m below the ground surface.
- Groundwater levels are either at or very near (within 0.025m of) the ground surface.

Flooding 2013/14

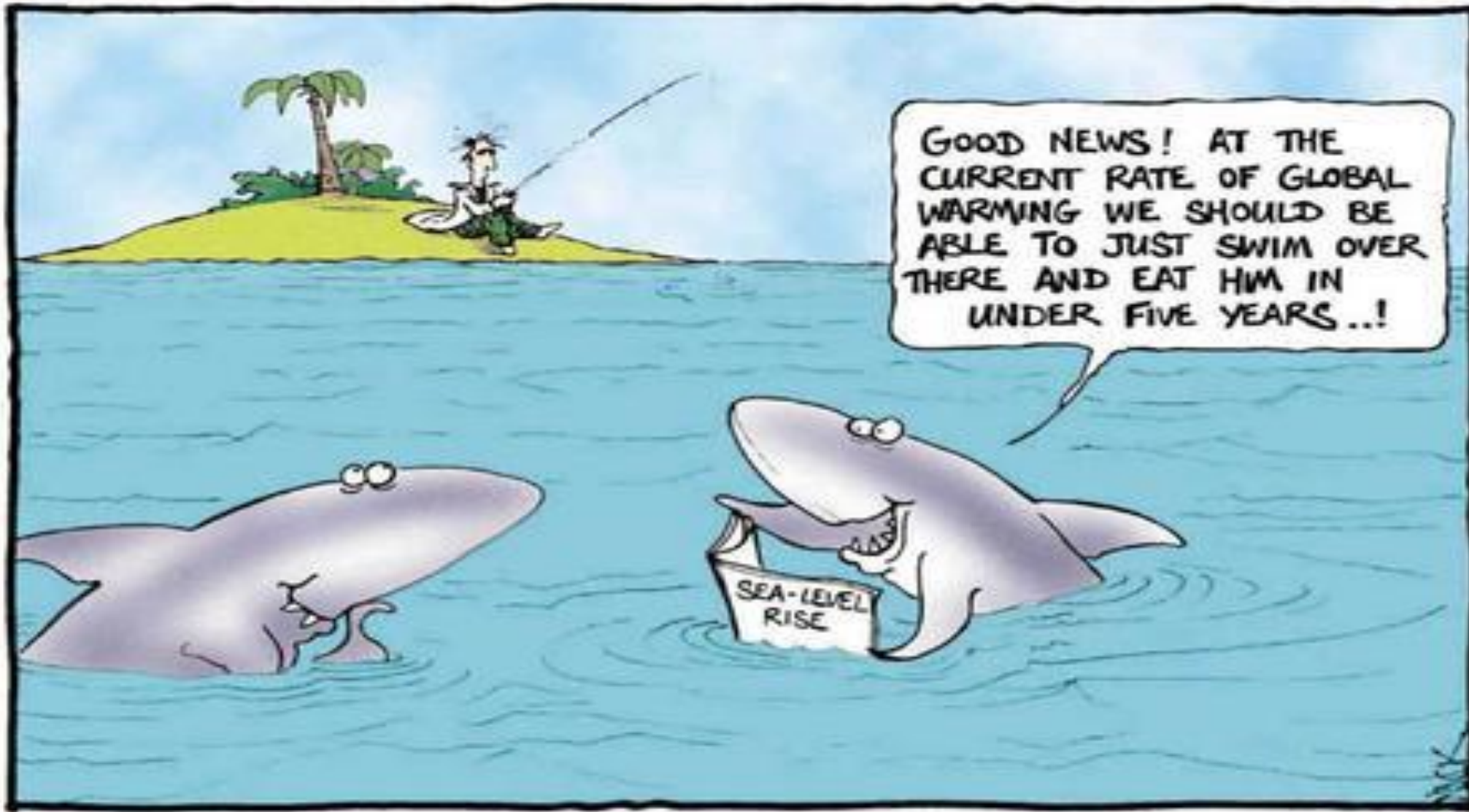
- Over 500 properties across 158 parishes were flooded, our rural road network compromised, not enough staff or equipment to get to everyone in need – Somerset only had 200 properties flooded!
- We had plans in place in the event of a major flood, we were not prepared for the sheer volume of hundreds of instances of flooding.
- Now we are better prepared – with the help of communities within the county.

2020 Now!!!

- Bishopstone December 2019 continuing into January 20
- “All this said, I believe we are in a better position to deal with flooding than we were in 2013/14. Please therefore monitor the weather forecasts and prepare for the potential emergency that might result. The Village Emergency Plan is on the village website. Your initial point of contact is your Flood Warden or Area Representative.”

Climate change

- Climate change is likely to lead to increasingly uncertain weather patterns.
- Unusual and extreme events may become more common and rarer events becoming more extreme.
- We cannot be precise as to what will happen but both longer and wetter periods and more intense rainfall events should be expected



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ANY QUESTIONS?