

I can identify the threats rivers can possess and evaluate prevention and response to floodings



I promise ...

... that by the end of the session, you will have a clearer understanding on why we have flooding and how we can react to them as well as prevent them.



Tewkesbury Abbey 2007

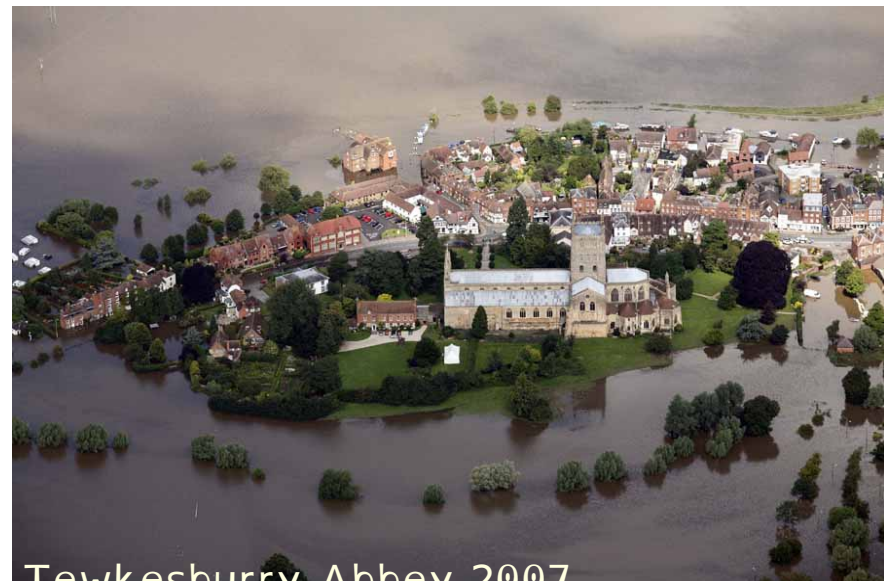
Have fun!

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Annotate the pictures describing what you can see has happened.








Tewkesbury High Street (2007)



Tewkesbury Abbey 2007







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TASK 1: Complete the table by adding what consequences floods have on these people and their lives (including work).

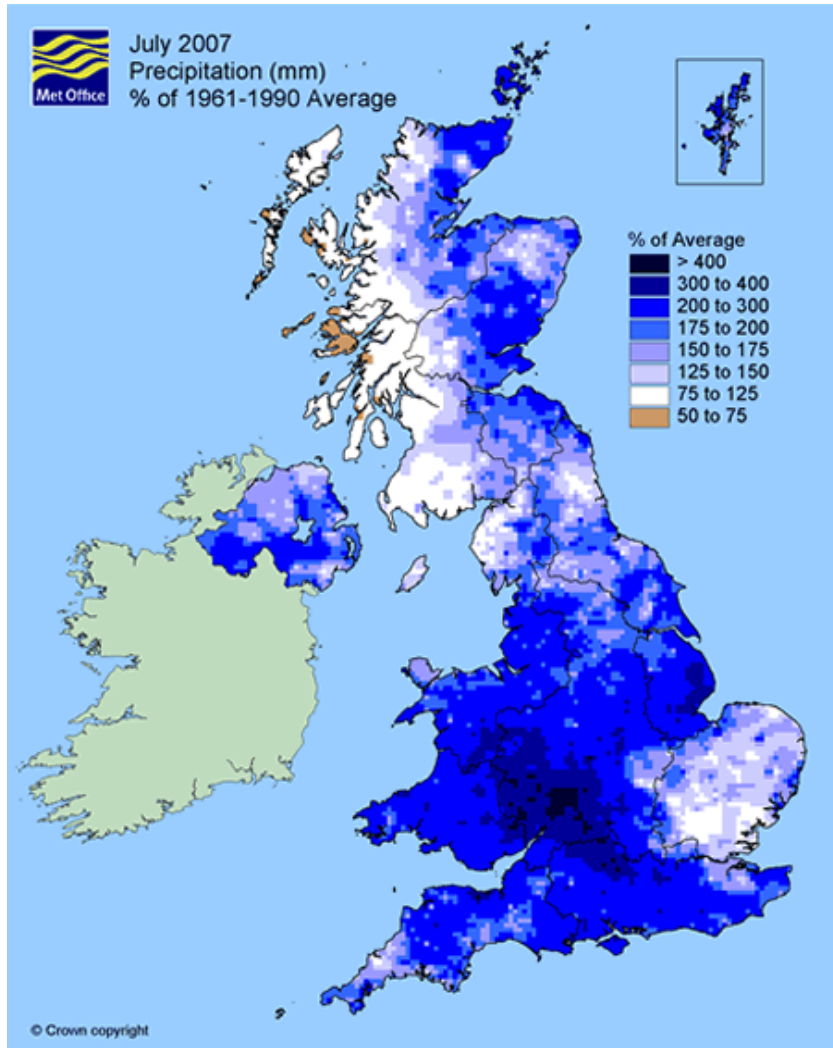
Group of people / Stakeholder	consequences of flooding
 farmer	loss of crop (money), loss of animals (money), loss of equipment ...
 house owner	
 business owner (e.g. pub, factory ...)	
 tourists/visitors	
 local council	
 schools	
? others	

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TASK 1: Complete the table by adding what consequences floods have on these people and their lives (including work).

Group of people / Stakeholder	consequences of flooding
 farmer	loss of crop (money), loss of animals (money), loss of equipment ...
 house owner	damage or loss of house, loss of furniture, electronic equipment, valuable documents, memorable items, ...
 business owner (e.g. pub, factory ...)	damaged/loss goods, building damaged or destroyed, resources destroyed, ...
 tourists/ visitors	stuck or lost, damage or loss of possessions, deterred, ...
 local council	last minute planning and resources, loss of money/income, need for support of people, ...
 schools	loss of furniture (carpet), loss or damage to equipment, loss of education ...
? others	...

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Why do rivers flood?

Annotate the graphics/pictures.

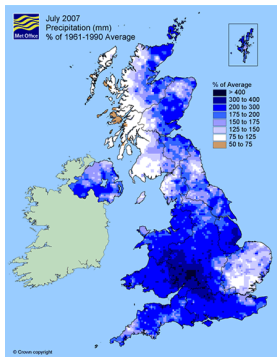


Tewkesbury Abbey 2007

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Essentially, we have ...

... natural reasons for floodings.



- huge amounts of precipitation (rain, snow),
 - seasons (snow melting)
- rising temperatures -> ice melting from glaciers

... man-made reasons for floodings



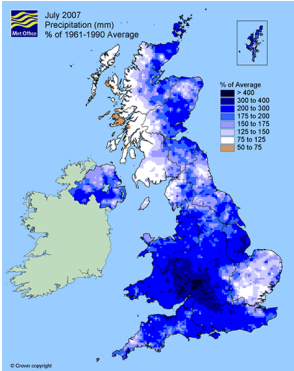
- building in the flood plain,
- channel in river -> flows faste
- > flooding downstream,
- reducing flooded area,



Tewkesbury Abbey 2007

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Reacting to a flood
Annotate with ideas, please.



predict the weather and take precautions,



stop threat with supers

pump out the water

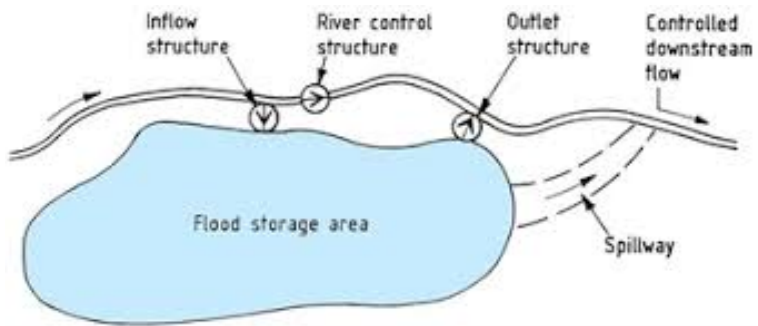


use pontoons to reach communities without access



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Preventing floods
Annotate with ideas, please.



keep large enough retention zones and lakes as flood storage (block in door)

choose your house cleverly



... any ideas?

