

## Flood Map (AfA031)

### Dataset Description

The Flood Map shows the areas across England and Wales that could be affected by flooding from rivers or the sea. It also shows flood defences and the areas that benefit from them. Flood Map is designed to raise awareness among the public, local authorities and other organisations of the likelihood of flooding, and to encourage people living and working in areas prone to flooding to find out more and take appropriate action.

The Flood Map includes the following layers of information:

- **Flood Zone 3** is the Agency's best estimate of the areas of land with a 100 to 1 (or greater) chance of flooding each year from rivers, or with a 200 to 1 chance (or greater) of flooding each year from the sea.
- **Flood Zone 2** is the Agency's best estimate of the areas of land between Zone 3 and the extent of the flood from rivers or the sea with a 1000 to 1 chance of flooding in any year. It includes those areas defined in flood zone 3.

**Price Category: High (3&2 Inclusive)**

- **Spatial Flood Defences (without standardised attributes)** shows those defences constructed during the last five years with a standard of protection equal to or better than 1 percent for rivers and 0.5 percent from the sea. (Some additional defences area also shown.)

**Price Category: Low**

- **Areas Benefiting from Flood Defences** shows those areas that would benefit from the presence of defences in a 1 percent fluvial / 0.5 percent tidal flood event.

**Price Category: Low**

- **Flood Storage Areas** shows those areas that act as a balancing reservoir, storage basin or balancing pond. Their purpose is to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel. It may also delay the timing of a flood peak so that its volume is discharged over a longer time interval.

**Price Category: Very Low**

Attribute Name	Attribute Description
These data layers are not attributed.	
Table 1 – Flood Zone 2	Flood Zone 2 - Polygon
Table 2 – Flood Zone 3	Flood Zone 3 - Polygon
Table 3 – Flood Defence Assets	Flood Defence Asset - Line
Table 4 – Flood Storage Area	Storage Area - Polygon
Table 5 – Area Benefitting	Benefiting Locality - Polygon