

Settlement: Ivington

Location of Investigation

Figure 1: Large Scale Map showing the location of Ivington

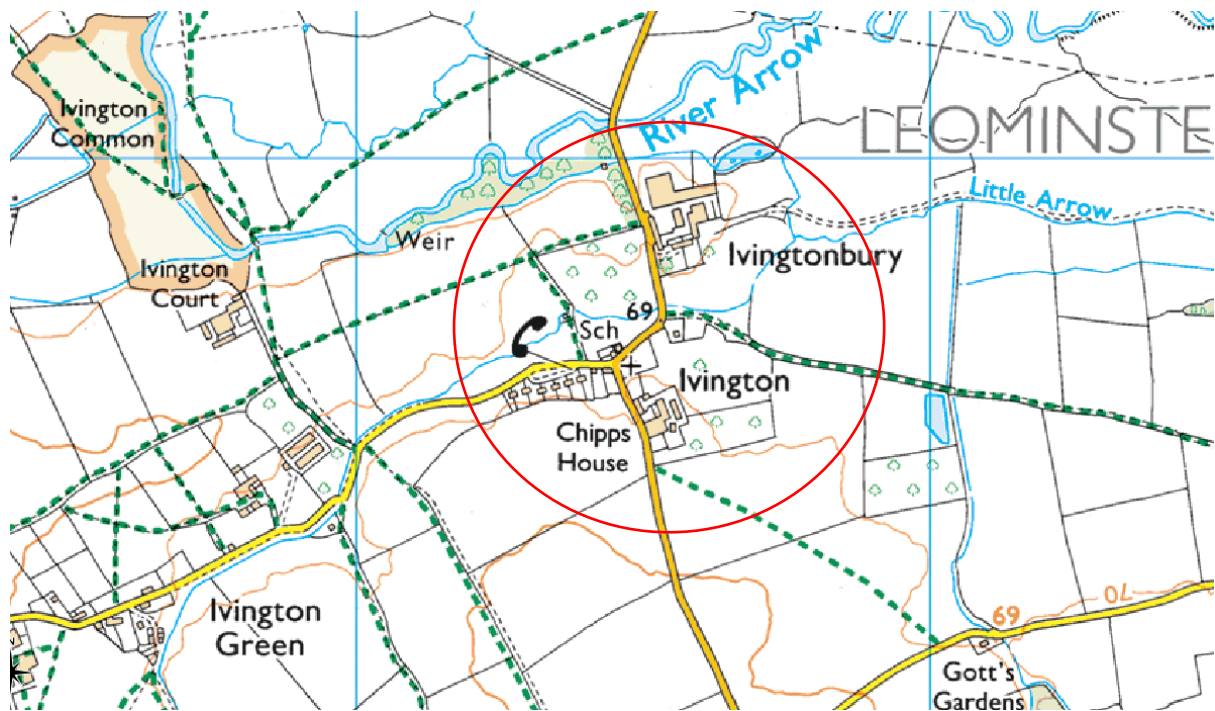
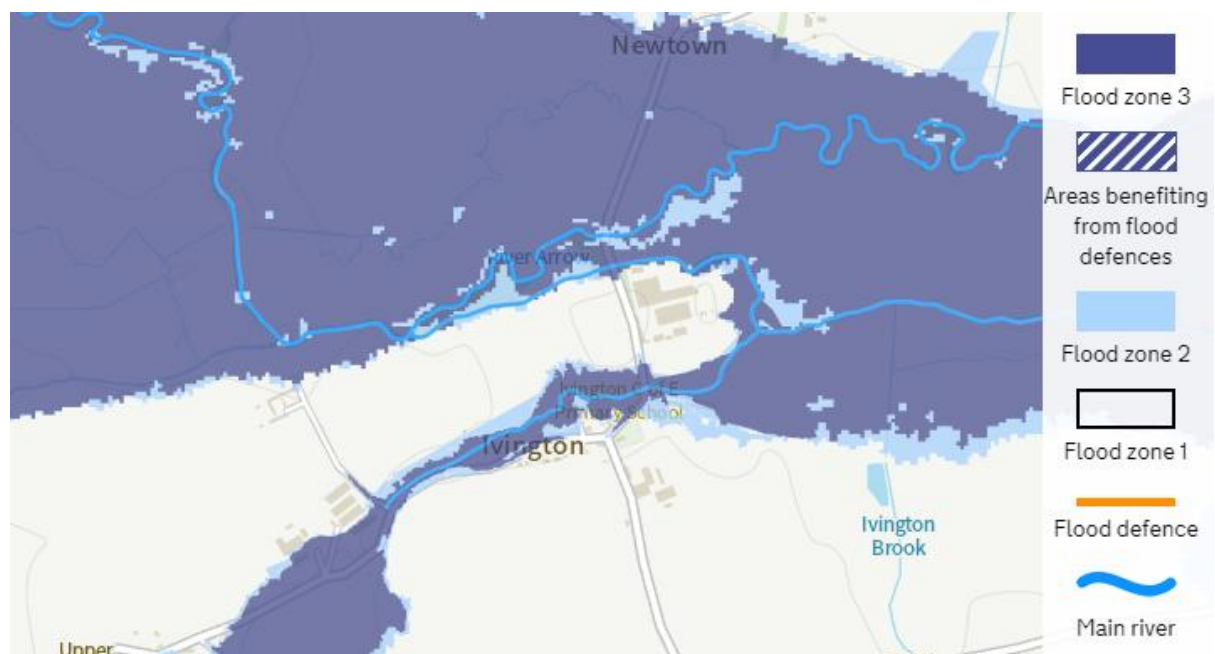


Figure 2: Environment Agency's Flood Map for Planning (Rivers and Sea), June 2021



Date of key flood event	February 16 <sup>th</sup> 2020
Authorities with flood risk management duties or functions relating to the event	Herefordshire Council (Land Drainage Authority) Environment Agency Lugg Internal Drainage Board

Honeylake Brook is designated as Main River which therefore falls under the statutory supervision of the Environment Agency. The upstream section is designated an ordinary watercourse and falls under the statutory supervision of both Herefordshire Council Land Drainage Authority and the Lugg Internal Drainage Board.

## Key Flood Event

**Flood Type:** Fluvial

**Watercourse Catchment:** Little Arrow and Honeylake Brook

Four properties are recorded as flooding internally in Ivington during February 2020 and one the properties also flooded during the 2019 event. The other two respondents confirm internal flooding but provide no other information. The respondent who provided depth and duration of internal flooding reported these to be 6 inches to 1ft and lasting less than one day.

Ivington C of E Primary School is identified as critical infrastructure and recorded as being impacted during the February 2020 flooding.

No historic flood events (prior to 2020) were reported by local respondents. Herefordshire Council records identify some history of flooding in this location.

<b>Number of Internally Flooded Properties related to key flood event</b>	4
<b>Number of Internally Flooded Properties during most acute flood</b>	4
<b>Impact on Strategic Highway Network</b>	None reported
<b>Impact on Critical Services</b>	Ivington Primary School
<b>Health Risks</b>	No injuries or loss of life were reported

## Description of Flooding

All three of the properties in Ivington which suffered internal flooding are within or adjacent to Flood Zone 3 and are close to either the Honeylake Brook or the Little Arrow. This indicates that the primary cause of flooding for these properties is likely to be fluvial. This is supported by evidence in the replies to the survey. The only respondent to have provided information on the source of flooding describes flooding from a watercourse.

The most northerly property which suffered internal flooding in 2020 is on the edge of Flood Zone 3 and is located away from areas which are indicated to be at risk of flooding on the Surface Water Flood Map. The respondent from this property did not provide any information on the flood mechanism. Owing to the high fluvial flood levels experienced in February 2020 we assume that this property flooded from the River Arrow.

**Damage to Cultural Heritage Sites:** 4 listed properties are located within the Flood Zone.

## Previous reports of floods

Prior to the flood event on 16th February 2020, the only historic flood records were related to foul water flooding.

## Previous Flood Risk Studies

There are no flood risk studies previously undertaken at this location.

## Conclusions

The fluvial flooding from the Honeylake Brook occurred due to backwater effects from the River Lugg. Property Level Resilience Measures could be considered by residents to mitigate flood risk.