

Sites at risk of flooding on the River Stourⁱ:

Gillingham Some flood defence works have been undertaken to 2% annual probability (1 in 50 year) standard, but a significant number of properties are still at risk from less extreme events.

Hammoon Roads flood frequently and property is at risk from 20% annual probability (1:5 year) (1990) events and greater.

Blandford A defence scheme to 0.5% annual probability (1:200 year) standard was completed in 1993. Operations have to close floodgates in events to make scheme effective and require prior notice to do this.

Sturminster Marshall A flood protection scheme designed to a 1% annual probability (1:100 year) standard was completed in 1992.

Shapwick A flood protection scheme designed to a 1% annual probability (1:100 year standard) was completed in 1994.

Holdenhurst A flood protection scheme designed to a 1.54% annual probability (1:65 year) standard was completed in 1992.

Christchurch Flooding can occur due to high river levels, tides or a combination of both. River side caravan parks are at risk and flooded in 2002. An extensive flood protection scheme to the 0.1% annual probability (1:100 year) standard was completed 1992, protecting most property except the Iford Bridge Home Park and Beaulieu caravan park which have no protection and Grove Farm caravan park which is protected to a 1.33% annual probability (1:75 year) standard. Some isolated properties remain outside of the defences and still require flood warnings.

Sites at risk of flooding on the River Wyldeⁱ:

Wilton 15 properties were flooded from the Wylde in February 1990. A protection scheme was completed in 1992 to a 0.1% annual probability (1:100 year) standard. Flood warnings are still required to check defences and warn in the unlikely event of overtopping. Levels in the Nadder also affect levels in Wilton.

West Harnham 8 properties were flooded in February 1990. The combined effects of the Wylde and the Nadder and the River Avon must be considered in assessing the likelihood of flooding at West Harnham. A flood protection scheme was completed in 1992 to a 0.1% annual probability (1:100 year) standard. Flood warnings are still required to check defences and warn in the unlikely event of overtopping.

Other Sites Properties are at risk from flooding at a number of other sites, these did not flood in February 1990 but would be at risk from a more severe event.

- Heytesbury, Mill Farm
- Knook, Manor and adjacent riverside cottages
- Sherrington, riverside properties
- Codford St Mary, also floods from Chitterne Brook.
- Wylde village – Mill house and riverside properties
- Fisherton de la Mere – Mill House and riverside properties

ⁱ Special risk sites identified by the Environment Agency

Sites at risk of flooding on the Upper Avonⁱ:

Properties at a few locations in catchment were flooded in February 1990, considered a 4% annual probability (1 in 25 year) event. Further properties are at risk in events with greater return periods and works have not been carried out to alleviate problems.

Property flooding from main river in February 1990 was limited to:

Bulford	Old Mill Cottages
Salisbury	Properties in Cathedral Close

Flooding of properties is to be expected on a continuing, if infrequent basis and need for good flood warning exists.

Water levels in Upper Avon controlled by a significant number of hatches and sluices (most in private ownership) along its length. Incorrect operation of these in a flood event could result in localised flooding at or near the hatch. However during a major event most hatches are out flanked and their operation therefore is not so important.

Sites at risk of flooding on the River Nadderⁱ:

No properties were flooded from the Nadder in the catchment to Wilton in February 1990, considered a 10% annual probability (1:10 year) event.

A number of properties are at risk in events exceeding the 1990 event and the need for good flood warnings exists at:

- Tisbury, High Street, Court Street and Tisbury Row
- Higher Chicksgrove Mill
- Lower Chicksgrove, "The Little Hut"
- Panters
- Penruddock Inn and Cottage
- Barford St Martin - adjacent to flood plain
- Burcombe, riverside properties

Sites at risk of flooding on the middle and lower Avonⁱ:

Properties at a few locations in catchment were flooded in February 1990, considered a 4% annual probability (1 in 25 year) event. Further properties are at risk in events with greater return periods and works have now been carried out to alleviate problems. Property flooding within the study area in February 1990 from main river was limited to:

Downton	-	Properties in High Street
Ringwood	-	property at Riverside

Flooding of properties is to be expected on a continuing, if infrequent basis and the need for good flood warnings exists.

Water levels in Middle and Lower Avon are controlled by a significant number of hatches and sluices (most in private ownership) along its length. Incorrect operation of these in a flood event could result in localised flooding at or near the hatch. However during a major event most hatches are out flanked and their operation therefore is not so important.

ⁱ Special risk sites identified by the Environment Agency