Criteria for flood investigation: As agreed by the Buckinghamshire Strategic Flood Risk Management Group.

- Internal flooding (including to basements) to five or more residential properties within an area of 1km2
- Internal flooding of two or more business premises within an area of 1km2
- Internal flooding (including to basements) of at least one property for one week or longer
- Flooding of one or more items of critical infrastructure, which could include hospitals, health centres, clinics, surgeries, colleges, schools, day nurseries, nursing homes, emergency services (police, fire, ambulance) stations, utilities and substations.

Caused a transport link to be impassable for the following periods:

- Motorways, trunk roads and major rail links 2 hours or more
- Class A and B highways and other railway links 4 hours or more
- Class C highways 10 hours or more unless the route is the only means of access, or is primary route for critical infrastructure then reduce to 4 hours
- Class U highways 24 hours or more unless the route is the only means of access, or is primary route for critical infrastructure then reduce to 4 hours

Any flooding event that a risk management authority deems significant but does not meet the agreed thresholds should be brought to the next strategic flood management committee for consideration.