**ANNEX 2: Records of future floods and their consequences (preliminary assessment report spreadsheet)**

| Flood ID | Description of assessment method | Name of Location | National Grid Reference | Location Description Name | Flood modelled | Probability | Main source of flooding | Additional source(s) of flooding | Confidence in main source of flooding | Main mechanism of flooding | Main characteristic of flooding | Significant consequences to human health | Human health consequences - residential properties | Property count method | Other human health consequences | Significant economic consequences | Number of non-residential properties flooded | Property count method | Other economic consequences | Significant consequences to the environment | Environment consequences | Significant consequences to cultural heritage | Cultural heritage consequence | Comments | Data owner | Area flooded | Confidence in modelled outline | Model date | Model Type | Hydrology Type | Lineage | Sensitive data | Protective marking description | European Flood Event Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | … | Derbyshire | SK26755796 | Areas Susceptible to Surface Water Flooding (AStSWF) - Less | Probability refers to the probability of the rainfall event. | 200 | Surface runoff | | High | Natural exceedance | Natural flood | Available from EA | | | | Available from EA | | | | | | | | JBA Consulting (distributed by Environment Agency under licence) | | Low | 2009-07 | JFLOW-GPU | | Depth-duration-frequency curves derived from FEH CD-ROM… | Protect | Commercial | UK09000002F0001 |
| 2 | … | Derbyshire | SK26755796 | Areas Susceptible to Surface Water Flooding (AStSWF) - Intermediate | Probability refers to the probability of the rainfall event. | 200 | Surface runoff | | High | Natural exceedance | Natural flood | Available from EA | | | | Available from EA | | | | | | | | JBA Consulting (distributed by Environment Agency under licence) | | Low | 2009-07 | JFLOW-GPU | | Depth-duration-frequency curves derived from FEH CD-ROM… | Protect | Commercial | UK09000002F0002 |
| 3 | … | Derbyshire | SK26755796 | Areas Susceptible to Surface Water Flooding (AStSWF) - More | Probability refers to the probability of the rainfall event. | 200 | Surface runoff | | High | Natural exceedance | Natural flood | | | | | | | | | | | | | JBA Consulting (distributed by Environment Agency under licence) | | Low | 2009-07 | JFLOW-GPU | | Depth-duration-frequency curves derived from FEH CD-ROM… | Protect | Commercial | UK09000002F0003 |
| 4 | … | Derbyshire | SK26755796 | Flood Map for Surface Water (FMfSW) - 30 | Probability refers to the rainfall event. | 30 | Surface runoff | | High | Natural exceedance | Natural flood | | | | | | | | | | | | | Environment Agency | | Medium-Low | 2010-11 | JFLOW-GPU | | Depth-duration-frequency curves… | Rainfall Hydrograph, Unranked | | UK09000002F0004 |
| 5 | … | Derbyshire | SK26755796 | Flood Map for Surface Water (FMfSW) - 1 in 30 deep | Probability refers to the probability of the rainfall event. | 30 | Surface runoff | | High | Natural exceedance | Natural flood | | | | | | | | | | | | | Environment Agency | | Medium-Low | 2010-11 | JFLOW-GPU | | Depth-duration-frequency curves… | Rainfall Hydrograph, Unranked | | UK09000002F0005 |
| 6 | … | Derbyshire | SK26755796 | Flood Map for Surface Water (FMfSW) - 200 | Probability refers to the probability of the rainfall event. | 200 | Surface runoff | | High | Natural exceedance | Natural flood | Available from EA | | | | Available from EA | | | | | | | | Environment Agency | | Medium-Low | 2010-11 | JFLOW-GPU | | Depth-duration-frequency curves… | Rainfall Hydrograph, Unranked | | UK09000002F0006 |
| 7 | … | Derbyshire | SK26755796 | Flood Map for Surface Water (FMfSW) - 1 in 200 deep | Probability refers to the probability of the rainfall event. | 200 | Surface runoff | | High | Natural exceedance | Natural flood | Available from EA | | | | Available from EA | | | | | | | | Environment Agency | | Medium-Low | 2010-11 | JFLOW-GPU | | Depth-duration-frequency curves… | Rainfall Hydrograph, Unranked | | UK09000002F0007 |
| 8 | … | Derbyshire | SK26755796 | Areas Susceptible to Groundwater Flooding (AStGWF) | Does not describe a probability, but shows places where groundwater emergence more likely to occur | Unknown | Groundwater | | High | Natural exceedance | Natural flood | | | | | | | | | | | | | Data developed specifically for PFRA… | Environment Agency | | Low | 2010-11 | ArcGIS | | Uses data which is developed from published BGS groundwater level contours… | British Geological Society (BGS) | Unranked | UK09000002F0008 |
| 9 | … | Derbyshire | SK26755796 | Flood Map (for rivers and sea) - flood zone 3 | Fluvial 1 in 100, tidal 1 in 200 | 100 | Main rivers | Sea, ordinary watercourses | Medium | Natural exceedance | Natural flood | | | | | | | | | | | | | Data updated quarterly… | Environment Agency | | Medium | 2010-11 | Varies but mainly JFLOW, ISIS, HEC-RAS, TUFLOW for fluvial, and HYDROF for tidal | | National methodology described in 'National Flood Risk Assessment (NaFRA)'… | NextMap SAR DTMs, Protect | | Commercial | UK09000002F0009 |
| 10 | … | Derbyshire | SK26755796 | Flood Map (for rivers and sea) - flood zone 2 | Extreme flood outline 1 in 1000 | 1000 | Main rivers | Sea, ordinary watercourses | Medium | Natural exceedance | Natural flood | | | | | | | | | | | | | Data updated quarterly… | Environment Agency | | Medium | 2010-11 | Varies but mainly JFLOW, ISIS, HEC-RAS, TUFLOW for fluvial, and HYDROF for tidal | | National methodology described in 'National Flood Risk Assessment (NaFRA)'… | NextMap SAR DTMs, Protect | | Commercial | UK09000002F0010 |