

Annex 3 Flood Risk Areas

ANNEX 3: Records of Flood Risk Areas and their rationale (preliminary assessment report spreadsheet)														
Field:	Flood Risk Area ID	Name of Flood Risk Area	National Grid Reference	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
Mandatory / optional: Format:	<b>Mandatory</b> Unique number between 1-9999	<b>Mandatory</b> Max 250 characters	<b>Mandatory</b> 12 characters: 2 letters, 10 numbers	<b>Mandatory</b> Pick from drop-down	Optional Max 250 characters, same source terms	Optional Pick from drop-down	<b>Mandatory</b> Pick from drop-down	<b>Mandatory</b> Pick from drop-down	<b>Mandatory</b> Pick from drop-down	Optional Number between 1-10,000,000	Optional Pick from drop-down	Optional Max 250 characters	<b>Mandatory</b> Pick from drop-down	Optional Number between 1-10,000,000
Notes:	A sequential number starting at 1 and incrementing by 1 for each record.	Name of the locality associated with the Flood Risk Area; a town, city, or county.	National Grid Reference of the centroid (centre point, falls within polygon) of the Flood Risk Area.	Pick the source from which there is a significant flood risk. Refer to the PFRA guidance for definitions of sources.	If there is also significant flood risk generated by another source (other than the <u>Main source of flooding</u> ), report the source(s) here, using the same source terms.	Pick a broad level of confidence in the <u>Main source of flooding</u> from: 'High' (compelling evidence of source - about 80% confident that source is correct), 'Medium' (some evidence of source but not compelling - about 50% confident that source is correct) 'Low' (source assumed - about 20% confident that source is correct) or 'Unknown'.	Pick a mechanism from: 'Natural exceedance' (of capacity), 'Defence exceedance' (floodwater overtopping defences), 'Failure' (of natural or artificial defences or infrastructure, or of pumping), 'Blockage or restriction' (natural or artificial blockage or restriction of a conveyance channel or system), or 'No data'.	Pick a characteristic from: 'Flash flood' (rises and falls quite rapidly with little or no advance warning), 'Natural flood' (due to significant precipitation, at a slower rate than a flash flood), 'Snow melt flood' (due to rapid snow melt), 'Debris flow' (conveying a high degree of debris), or 'No data'. Most UK floods are 'Natural floods'.	Has the Flood Risk Area been identified as a result of significant consequences to human health?	Record the number of residential properties where the building structure would be affected either internally or externally by the flood.	Where residential or non-residential properties have been counted, it is important to record the method of counting, to aid comparisons between counts. Choose from: 'Detailed GIS' (using property outlines, as per Environment Agency guidance), 'Simple GIS' (using property points), 'Estimate from map', or 'Observed number'.	If the Flood Risk Area has been identified as a result of other <u>Significant consequences to human health</u> , describe them (such as information about the number of critical services flooded).	Has the Flood Risk Area been identified as a result of significant economic consequences?	Record the number of non-residential properties where the building structure would be affected either internally or externally by the flood.
Example:	1	London	SX1234512345	Surface runoff	NA	High	Natural exceedance	Natural flood	Yes	50000	Detailed GIS		No	
Records begin here:	1	Liverpool and Sefton	SJ3662097780	Surface runoff	Ordinary watercourses, groundwater	High-Medium	Natural exceedance	Natural flood	Yes	22,220	Simple GIS	263 critical services	Yes	3,356

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Property count method	Other economic consequences	Significant consequences to the environment	Environment consequences	Significant consequences to cultural heritage	Cultural heritage consequences	Origin of Flood Risk Area	Amended Flood Risk Area rationale	New Flood Risk Area rationale	Rationale detail	European Flood Risk Area Code
Optional Pick from drop-down	Optional Max 250 characters	<b>Mandatory</b> Pick from drop-down	Optional Max 250 characters	<b>Mandatory</b> Pick from drop-down	Optional Max 250 characters	<b>Mandatory</b> Pick from drop-down	<b>Mandatory</b> Pick from drop-down	<b>Mandatory</b> Pick from drop-down	<b>Mandatory</b> Max 1,000 characters	Auto-populated Max 42 characters
Where residential or non-residential properties have been counted, it is important to record the method of counting, to aid comparisons between counts. Choose from: 'Detailed GIS' (using property outlines, as per Environment Agency guidance), 'Simple GIS' (using property points), 'Estimate from map', or 'Observed number'.	If the Flood Risk Area has been identified as a result of other <b>Significant economic consequences</b> , describe them (such as information about the area of agricultural land flooded, length of roads and rail flooded).	Has the Flood Risk Area been identified as a result of significant consequences to the environment?	If the Flood Risk Area has been identified as a result of <b>Significant consequences to the environment</b> , describe them (such as information about national and international designated sites flooded, and pollution sources flooded).	Has the Flood Risk Area been identified as a result of significant consequences to cultural heritage?	If the Flood Risk Area has been identified as a result of <b>Significant consequences to cultural heritage</b> , describe them (such as information about the number and type of heritage assets flooded).	Pick the origin from either: 'indicative' Flood Risk Area, 'Amended' Flood Risk Area (in which case <b>Amended Flood Risk Area rationale</b> is mandatory), or 'New' Flood Risk Area (in which case <b>New Flood Risk Area rationale</b> is mandatory).	Pick the main rationale from either: 'Geography', 'Past floods', or 'Future floods'. Then provide further detail in <b>Rationale detail</b> . This is not mandatory if the Flood Risk Area was an indicative Flood Risk Area and has not been amended, or is a new Flood Risk Area.	Pick the main rationale from either 'Past floods', or 'Future floods'. Then provide further detail in <b>Rationale detail</b> . This is not mandatory if the Flood Risk Area was an indicative Flood Risk Area.	Summarise the rationale for amending an indicative Flood Risk Area, or identifying a new Flood Risk Area. Refer to Defra & WAG guidance to LLFAs on "Selecting and reviewing Flood Risk Areas for local sources of flooding". If the Flood Risk Area was an indicative Flood Risk Area and has not been amended, record "indicative Flood Risk Area".	This field will autopopulate using the LLFA name provided on the "Instructions" tab, and the <b>Flood Risk Area ID</b> . It is an EU-wide unique identifier and will be used to report the Flood Risk Area information.  Format: UK<ONS Code><A><LLFA Flood ID>. "ONS Code" is a unique reference for each LLFA. "A" indicates it is a Flood Risk Area. "LLFA Flood ID" is a sequential number beginning with 0001.
		No		No		Indicative	NA	NA	indicative Flood Risk Area	UKE1000012A0001
Simple GIS	(i)18km2 agricultural land. (ii)A5036 (port road) 3km (iii) Mersey Tunnels-two road and one rail tunnel	Yes	SAC- Sefton Coast, SSSI - Sefton Coast, RAMSAR - Ribble & Alt Estuaries, SPA - Ribble & Alt Estuaries	Yes	World Heritage Site, Liverpool Maritime Mercantile City, Core Area and Buffer Zone. St Georges Hall, grade I listed building of national significance. Registered Parks and Gardens at risk of flooding -Sefton: Churchtown Botanic Gardens, Ince Blundell Gardens, Derby Park and South Marines Gardens- Liverpool:Princes Park, Toxteth Park Cemetary, Newsham Park, Stanley Park EA mapping show 17 listed buildings at risk of flooding.	Amended	Future floods	NA	Indicative Flood Risk Area from Areas Susceptible to Surface Water Flooding (ASISWF), amended to detach Knowsley and verified with additional known past flood information and future flood information from both Liverpool and Sefton Surface Water Management Plans.The number of residential properties 22,220 affected in the Liverpool and Sefton Flood Risk Area equates to 51,995 people using the 2.34 multiplier.	UKE0800012A0001