Annex	1	Past	floods
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Annex 1 Past floods																								
Field:	Flood ID Summary description	Name of Location National Grid Reference	Location Description Star	rt date Days duration	flooding	of Additional source(s) Confide of flooding source	nce in main Main mechanism of Main characteristic of of flooding flooding flooding	Significant consequences to human health	consequences -	method Other human health consequences	consequences re	mber of non-Property count method. Other economic idential properties consequences oded.	Significant Environment Consequences to the consequences to the consequences to the consequence of the conse	onment Significa equences consequences cultural	ant Cultural heritage uences to consequences heritage	Comments Data o	owner Area flooded	confidence	source	ne Survey date			descriptor	European Flood Event Code
Format:	Mandatory Mandatory Unique number Max 5,000 characters between 1-9999 As sequential number Description of the filood and its adverse or potentially adverse consequences. Where	Mandatory Mandatory Max 250 characters 12 characters: 2 letters, 10 numbe Name of the locality National Grid	Max 250 characters 'yyy) rs Adecrariation of the The	y' or 'yyyy-mm' or Number with t y-mm-dd decimal place	ist cycle Optional for first cycle Optional to wo Max 25 characters Pick from c s	op-down Max 250 characters, Pick fro same source terms	Optional for first cycle Optional for first cycle m drop-down Pick from drop-down road level of Pick a mechanism Pick a characteristic	Pick from drop-dov	Optional Uptional Number between 1- Pick from drop 10,000,000 Record the number of Where resider	down Max 250 characters	Pick from drop-down Ni	uptional Optional Optional Optional Optional Wax 250 characti 000,000 Ware residential or If there were other			m drop-down Max 250 characters ere any If there were	Optional Option Max 1,000 characters Max 2 Any additional		Diptonal Pick from drop-do the Choose from; 'Hig		yyyy-mm-aa:	Describe enterconnected 1	Character bearing and the state	al Optional om drop-down Max 50 characters e information For use where	Auto-populated Max 42 characters This field will autopopulate using the LLFA
Notes:	A sequential number Description of the food and its adverse of potentially adverse consequences. Where starting at 1 and and sillable, information from other fields (Start date, Dave duration Probability, Main sourcementing by 1 for Main mechanism, Main characteristics, Significant consequences) should be repeated his	on approximated with the Petersons of the	general location that floor oint, was flooded. whe	d commenced - (duration) of the number of th	r days The chance of the Pick the so he flood - flood occurring in any which the r iormally given year - record X flooding oc	ajority of from, or interacted confide urred. with, any other sources source	road level of Pick a mechanism Pick a characteristic too in the <u>Main from</u> ; Natural from; "Flash flood" of flooding exceedance' (of rises and falls quite rapidly with little or no ling evidence exceedance' advance warning), e - about 80% (floodwater Natural flood' (due to	significant consequences to	residential properties non-residentia where the building properties hav	Bignificant  Bignificant  been consequences to	significant economic no consequences when pr	cond the number of where residential of it there were other needed that non-residential significant scone properties have been consequences. Itsing structure was counted, it is important describe them ented including informational properties and the method including informational properties are record with the countries.	mic significant Significant consequences to the	ficant significant equences to the consequ	ore any if there were  nt Significant iences to consequences to	comments about the past flood record.	land flooded, in k	(data includes on	o of		relevant specific w photographs, or to a fi	what the data is made been of from. Has this data the Go	e mormation or use where disastilled under organisations apply the wernment's Government's tive Marking Protective Marking te? Include Scheme.	I his hed will autopopulate using the LLFA e name provided on the "instructions" tab, and the Flood ID. It is an EU-wide unique identifier and will be used to report the flood
	GALLI ROCUIG.	ere. flood, using recognised centroid (centre p postal address names falls within polygo such as streets, towns, the flood extent, c counties. If the flood affected the whole there is no extent	r of because if water	ame covered by covered by wa er. Values should	atter. of occurring in any guidance to the given year". Where this of sources.	definitions source of flooding) (competer report the source(s) of source person union the source of source (s)	ing evidence exceedance' advance warning), e - about 80% (floodwater Natural flood' (due to	the flood occurred, would there be if it	or either internally or to record the n externally by the flood, of counting, to	nethod describe them aid including information	would there be if it af were to re-occur? in	control is a migrature of country, to an extended of the central of country, to aid such as the area the flood of that common properties of country.	tion flood occurred, or them of would there be if it inform	including the flood mation such as would the nal and were to re	doccurred, or describe them ere be if it including information re-occur? such as the number			Aerial video, Aeria photos, Professio survey, Flood leve information, EA fit data recording sta	el bod		photographs. It may d not be practical to fi	data owned or derived Schem from data owned by protect	ne? Include Scheme.	information.  Format: UK <ons code=""><p f="" or=""><llfa< td=""></llfa<></p></ons>
		LLFA, then record the information. name of the LLFA.		999.99 (permit records to the	go 0.01 - is difficult to estimate, string a range can be nearest recorded. hour, riate).	source terms. correct (some a	a sabout solve (indowater in that source is overtopping defences), significant in that source is revertopping defences), significant in that source is related to precipitation, at a vidence of antificial defences or slower rate than a flast but not infrastructure, or of flood). Show melt ing - about pumping), Blockage or flood (due to rapid infrastructure) or procession (control or procession). Tobolic	n were to re-occur	or that would be so comparisons be affected if the flood counts. Choos were to re-occur. 'Detailed GIS' property outlin	e from; critical services (using flooded.	w th	the flood, or that omparisons between agricultural land uld be so affected if courts. Choose from; flooded, length of the flood were to represently outlines, as per Environment	were to re-occur / instern intern oded. desig	national prated sites ed, and pollution	and type of heritage assets flooded.			notes) 'Medium' (	(data		photographs for each of flood event.	3rd party (external) time lir organisations? If yes known please give details. "Appro then re	. Note: If word for Access*	Flood IDs. "ONS Code" is a unique reference for each LLFA. "P or F" indicates if the event is past or future. "LLFA Flood ID" is a sequential number beginning with 0001.
				where appropr	riate).	compel 50% co	ing about pumping), 'Blockage or flood' (due to rapid fident that restriction' (natural or snow melt), 'Debris s correct) 'Low' artificial blockage or flow' (conveying a high		per Environme Agency guidar 'Simple GIS' (u	nt		per Environment Agency guidance), 'Simple GIS' (using	sourc	ses flooded.				includes one of: E ground video, EA/ ground photos, E/ flood event outline	A/LA e			"Unma	rked".	sequential number beginning with 0001.
						(source about 2	assumed - restriction of a degree of debris), or 9% confident conveyance channel or 'No data'. Most UK		property points 'Estimate from 'Observed nun	i). map', or		property points), "Estimate from map", or "Observed number".						map, LA/profession partner officer site records, Public gr	e round					
						or Unio						Coserved number .						video), 'Low' (not confident) or 'Unknown'.						
Example:	On the 14 April 1998 an intense storm system produced surface water flooding across     Essex, concentrated in the west of the county. The flooding lasted about 5 lasted	Essex SX1234512345	Several towns and 1996 villages across west Essex	8-04-15	0.25 20-50 Surface rur	off High	Natural exceedance Natural flood	Yes	23 Observed num	ber	No		No	No		Eppin Counc	g Forest District	Medium	Site survey	1998-04-20		Ordnance Survey Unmar AddressPoint; CEH 1:50k River Centreline:	ked Private	UKE10000012P0001
	residential properties were recorded as suffering internal flooding, in Epping and North. Wesld: The surface runnel recorded the dishange capacity in several places, and so probably had a 1 in 30 to 1 in 50 chance of occurring in any given year.																					1:50k River Centreline; NextMap DTM.		
Records begin here:	Rainfall in Hampshire in the water year April 2000-March 2001 was exceptional and	Hampshire SU5029631873	Incidents at 713 2000	0-12 to 2001-03 2 months (win	ter 2000- Varies across county Groundwat	r The majority of High-M	edium Natural exceedance Natural flood		713 Observed num	iber	No	0	No	No		Enviro	onment Agency Unknown	High-Medium	Site survey	2001-09 (preliminary	у	Unkno	wn	UKE09000002P0001
	prolonged, which caused the aquifers of the area to become saturated. This caused groundwater flooding particularly in areas underfain by challs such as SI Mary Bourne. Du to the variety of geology underlying the region the return period varies from once every SI	ue 0	properties in 109 settlements, within 76 parishes	01)	due to different underlying bedrock, anything from 1 in 50 years to 1 in 200 years	incidents were caused by elevated groundwater levels and high springflows. High														survey carried out by Halcrow, report published 2002-09)	y			
	to the variety of geology underlying the region the return period variets from once every 300 years. The flooding occurred over the winter of 2000-01 and affected 713 properties across the region; 437 suffered internal flooding, 162 suffered fro celaratunderfloor flooding and 114 were affected by externally. Areas not dominated by				years to 1 in 200 years flooding	winter 2000-01 caused																		
	chalk, such as the New Forest and along the south coast, experienced flash flooding and fluvial flooding due to drainage systems being overnehilmed and watercourses not being able to dischaige quick enough to deal with the priologed rainfall. Floor maintenance of drainage infrastructure also played a major factor in many of the incidents	1				both surface water flooding and fluvial flooding																		
								Yes																
	2 The 2013/14 winter was reported by the England & Wales Precipitaction Series as being witted on record since records began in 1766. This acceptation always arrived Trailing witter than average 2012 & 2013 without in but were preceded by 4 years of very much dryer than average years between 2008 & 2014 candering the ground susceptible to groundwater and surface water flooding. The flood incident in Backskin, Backspatke beginned and the surface water flooding. The flood incident in Backskin, Backspatke beginned and the surface water flooding.	the Buckskin SU6063351213 g a Sperrin Close Bodmin Close	Buckskin is a suberb of Basingstoke, approx. Skm west of the town	07/02/2014 28 days	Groundwat	r Fluvial, surface water, High and foul water. Flooding instigated by	Natural exceedance Natural flood		88 Estimate from	map	No	0	No	No			Unknown	High-Medium	Site survey	Section 19 Investigation - July 2014 this included:				UKE09000002P0002
	dryer than average years between 2008 & 2012 rendering the ground susceptable to groundwater and surface water flooding. The flood incident in Buckskin, Baingstoke beg 7th February 2014 and continued to 24th February after which levels began to fight	Exmoor Close gan Antrim Close Quantock Close	centre of Basingstoke. The area impacted lies at the base of a SW-			high groundwater levels which caused a dormant spring to														Questionaire Pub surgery Data from RMAs	áblic om			
	7th February 2014 and continued to 24th February after which levels began to fall throughout March, with areas daying up in early April. The EA groundwater flood alast was no longer in force from 16th April. The flooding mechanism was a combination of surface water and groundwater flooding. The fold water flooding was a secondary source of flood	s Prescelly Close e Grampian Way ding Basingstoke Golf	NE lying valley. The estate lies at the upstream end of the			become active and the surface water drainage, formed by soakaways, not to																		
	no longer in force from 16th April. The flooding mechanism was a combination of surface water and goundwater flooding. The flood water flooding was a secondary source of flood caused by the innundation of the flood severe returned from surface water and groundwate is estimated that 88 properties were affected by flooding.	r. It Course Basingstoke	upstream end of the valley of the River Loddon, which flows in a north westerly			caused run-off to																		
			direction.			follow the historic river course and accumulate in low lying																		
	3 Flooding in Romsey began on the 23rd December 2013. Following a lengthy period of w	et Romsey - specifically SU3504820774	Romsey is a market	23/12/2013 46 days	Surface rur	areas.  If Fluvial, groundwater High	Natural exceedance Natural flood	Yes	96 Estimate from	map	No		No	No			Unknown	High-Medium	Site survey	Section 19				
	weather, a large recorded rainfal event on this date (74mm recorded in 12 hours) caused flooding across the town. Between 23rd December and 6th February 2014 there was 415mm of rainfall recorde. Florals, surface water, Jou water 8 groundwater affected the areas flooded. It is estimated that up to 96 properties were directly affected, and occured		town 10km north-west of Southampton. The River Test to the west			and foul water.														investigation April 20: this involved: Questionaire Pub	014 delic			
	areas flooded. It is estimated that up to 96 properties were directly affected, and occured through a variety of flood mechanisms at various locations. At Cupernham Lane surface off due to the terrain & high groundwater levels ted to flooding. At Winchester Road	Causeway run-Riverside Gardens     Middlebridge Street.	of the town runs from north to south, the Test Valley slopes steeply																	consultation event Data from RMAs Site visits				
	groundwater issues led to flooding of properties cellars & innundated sewers led surface water flooding of properties particularly near the Plaza Roundabout. At Mainstone & Causeway there were separate incidents which contributed to the flooding. Surface water		to the east and the watercourses that run from the north-east of																					
	flooding from the A3090/A27 to the properties at Mainstone & also groundwater levels combined with excess flows in the OVIC in the field to the rear of Mainstone causing separate inclinets flooding properties on the Causeway & the rear of properties on Mainstone. Riverside Garden properties were affected by surface water flooding from ser		the town to join the River Test. Three largely residential																					
	networks. Some properties suffered directly from fluvial flooding from the River Lest.  Middlebridge Street was affected by surface water & foul flooding from sewer networks.	wer	largely residential areas of the town were affected: to the north Cupernham Lane &																					
	Some properties also reported groundwater flooding.		Fishlake Meadows (under development for housing), to the																					
			south Winchester Road and to the south- west Mainstone &																					
			Causeway and Middlebridge Street.					Yes					_						_					
	4 Flooding occurred to the north and west of Romsey, stretching from Mays Island in the north down to Mainstone and The Causeway at Middlebridge to the south. The exact duration of the incident is difficult to define, however, the peak of the event was from 14th	Mays island	Area to the west of Romsey stretching from Mays Island in the	14/02/2014	Main rivers	Surface runoff, High groundwater and foul.	Natural exceedance Natural flood		36 Estimate from	map	Yes	44 Estimate from map The closure of Budds Lane resu commercial losse business	ited in	No			Unknown	High-Medium	Site survey	Section 19 Investigation May 201 - this involved consultation with	014			UKE09000002P0004
	February 2014 to 17th February. The indicate beginning on the 14th February was predominated by fluvial flooding from the River Test and Fishlaks Steam. However, ther was also further flooding from smaller watercourses and streams. The fluvial flooding	re Budds Lane Industrial Estate	north down to Mainstone and The Causeway at Middlebridge to the south. The area									business.								relevant RMAs, stakeholders and				
	distances of one is count in classical and instances in classical and records as an analysis preclamated by fluid flooding from the flow're trait and Findhalds Stream. However, the was also untrief flooding from smaller selectocurses and streams. The fluid flooding incident were accommodated by the hydrological stranged cardinates with significant contributions from surface hundiff flooding from watercourses as a result of high groundwal feets. Upon 80 properties were flooded if domestize and 40 commercial proporties.	Mainstone & ter Causeway.	Middlebridge to the south. The area affected includes a mix of residentall,																	residents, witness accounts and site visits.				
			or residental, commercial (Budds Lane Industrial Estate contains approx. 50																					
			businesses) and rural uses.																					
	5 In August 2015 there was significant rainfall across Hampshire with incidents of flooding reported in Hart District, a high concentration being in the Fleet area. 17 properties report	Fleet - specifically two SU8186454435 rted sub-catchments:	Fleet is located in the north-east of the county. It is one of the	Aug-15 Unknown	Main rivers	Surface water and foul High-Mi water.	idium Natural exceedance Natural flood	Yes Yes	17 Observed num	ber	No		No	No			Unknown	Medium	Site survey	Section 19 Investigation				UKE09000002P0005
	reported in Hart District, a high enconstruction being in the Fleet alea. 17 properties report internal flooding with 34 others reporting external flooding. However, the exact dusation is difficult to define. Clorand conditions in Fleet are mostly impermeable, with surface water relaint on waterocurses to control and distribute the flow. However, a significant number waterocurses have, over time, either disappeared complety or been cultured leaving let	s Hart (Crondall to r Elvetham) of Key areas affected -	most urbanised areas in Hart District. It is																					
	watercourses nave, over time, either disappeared completely or been curverted leaving les capacity within the local local liver systems. The majority of areas affected by the floring within Flood Zone 3 the functional floodplain. The severity of the rainfall overwhelmed the	ss Tavistock Road are Basingbourne Road e Longdown	situated within the Loddon catchment with a number of sub-																					
	caucity within the local local river systems. The majority of areas affected by the foliogy within Frod Zones as the functional foliophilis. The severity of the natival covereinheads the different drainage systems with localised blockages causing more significant issues in so locations.	Fleet Brook Key areas affected -	area. The largest concentration of																					
		Avondale Road Kings Road Southby Drive Albert Street.	reported flooding in the Fleet town area was within two sub- catchments: the fleet																					
		AUDIT SHIEL	Brook and Hart (Crondall to Elvetham).																					
	6 Wickham has a history of flooding with reports going back to 2000, the most recent being 2014. Flooding has accordingly occurred over various years and over differing durations	g in Wickham - specifically; SU5739511475 A The Wickham Centre	Wickham is located in 2000 the valley of the river	0 - 2014 Unknown	Surface rur	off Fluvial, groundwater High-Mi and surcharging of the foul and combined	edium Natural exceedance Natural flood	Yes			No		No	No			Unknown	Medium	Site survey	Section 19 Investigation June 2015				UKE09000002P0006
	• Workman max a neatery or thoroing with reports going facts to 2000.04 most record reading 2014. Flooding has accordingly occurred over valuous years and over differing dustations. Section 19 Investigation undertaken due to the ongoing issues. The cause of flooding is complex and values across the acclaimment due to a combination of the following factors. Usuface water flooding number fill the rural and values accident extractinging of the flood and combined seleves. This phy proundwater taxes and main in few flooding from the Mexico. Acc of combined seleves. This phy proundwater taxes and main in few flooding from the Mexico.	Garnier Park Southwick Road nd Winchester Road	Meon north of Fareham. The village is within the floodplain.			foul and combined sewers.														2015				
	combined sewers, high groundwater issues and main river flooding from the Meon - out of bank flows as well as high river levels surcharging outlet systems.	Bridge Street & Riverside Mews	The layout of the village is defined by built up areas either																					
		Tarfield Lane & Meonside Court	side of the main river and valley, with the older village square to the north. The Moon navigates from north- east to south-west through the village and																					
			the north. The Meon navigates from north- east to south-west																					
			outlets into The Solent, approximately 15km to the south.																					
			the south.																					
	I																							