NaFRA Property Flood Likelihood Category (FLC) Database (AfA105)

Dataset Description

NaFRA Property Flood Likelihood Category (FLC) Database (version 8) is the latest output using the Risk Assessment for flood and coastal defence for System Planning (RASP) High Level Method *Plus* (HLM+). It is a broad-brush assessment of the likelihood of flooding at a national scale, based on assessments undertaken for 85 river catchments and coastal cells, where a cell is an area of land measuring 50m by 50m.

The NaFRA Property Flood Likelihood Category Database provides flood likelihood information in a database indicating the level of flood risk to land in the area of a property address. It enables a comparison of the relative risks and their distribution within each of these areas, rather than a detailed, local assessment of the risk at a specific location. The three risk categories are:

• low - the chance of flooding each year is 0.5 per cent (1 in 200) or less

• moderate - the chance of flooding in any year is 1.3 per cent (1 in 75) or less but greater than 0.5 per cent (1 in 200)

• significant - the chance of flooding in any year is greater than 1.3 per cent (1 in 75)

It should be noted that the NaFRA Property FLC Database does not provide addressing information but does provide an Ordnance Survey TOID (AddressLayer TOID [TOID] and Building TOID [AREATOID]). An appropriate 3rd party address database is therefore required to make use of the data.

Price Category: High

Attribute Name	Attribute Description
TOID	OS Topographic Identifier for address [Source: OS MasterMap Address Layer, Nov 2005]
AREAROID	A unique ID for each non-addressable property [Source: OS Mastermap Building Layer, Nov 2005]
NaFRA_FLC	NaFRA Flood Likelihood Category [Source: NaFRA 2008 Analysis]
NumRes	Number of residential properties. [Source: Residential property count of properties with same TOID, OSAPR, NaFRA_FLC combination]
NumNonRes	Number of non residential properties. [Source: Non residential property count of properties with same TOID, OSAPR, NaFRA_FLC combination]
NumNonAddr	Number of non addressable properties. [Source: Non addressable property count of properties with same TOID, OSAPR, NaFRA_FLC combination}]
Total	Num of total properties. [Source: Total property count of properties with same TOID, OSAPR, NaFRA_FLC combination]

NaFRA Spatial Flood Likelihood Category (FLC) Grid (AfA106)

Dataset Description

NaFRA Spatial Flood Likelihood Category (FLC) Grid (version 8.2) is the latest output using the Risk Assessment for flood and coastal defence for System Planning (RASP) High Level Method *Plus* (HLM+). It is a broad-brush assessment of the likelihood of flooding at a national scale, based on assessments undertaken for 85 river catchments and coastal cells, where a cell is an area of land measuring 50m by 50m.

NaFRA Spatial (FLC) Grid enables a comparison of the relative risks and their distribution within each of these catchments, rather than a detailed, local assessment of the risk at a specific location. The calculations provide an indication of the likelihood of flooding at the centre of each cell. These results are then placed into three risk categories as used by the insurance industry. The three risk categories are:

• low - the chance of flooding each year is 0.5 per cent (1 in 200) or less

• moderate - the chance of flooding in any year is 1.3 per cent (1 in 75) or less but greater than 0.5 per cent (1 in 200)

• significant - the chance of flooding in any year is greater than 1.3 per cent (1 in 75)

Price Category: Very High

Attribute Name	Attribute Description
Shapefile	
FID	Shapefile index - internal to ArcGIS
SHAPE	Geometry type = polygon; Spatial Reference = British_National_Grid; Dissolved on PROB_BAND
PROB_BAND	The flood likelihood category low, moderate, or significant according to the (published) NaFRA 2008 flood risk analysis. Possible values (capitalized as shown and Not NULL): • Low • Moderate • Significant • No Result
IZ_ID	Six digit catchment number (e.g. 100182). All records in a catchment will have the same number, but the number for different catchments will be unique. Not NULL.
MapInfo	
Object ID	Object identifier
Obj	Geometry type = polygon; Spatial Reference = British_National_Grid; Dissolved on PROB_BAND
PROB_BAND	The flood likelihood category low, moderate, or significant according to the (published) NaFRA 2008 flood risk analysis. Possible values (capitalized as shown and Not NULL): • Low • Moderate • Significant • No Result
IZ_ID	Six digit catchment number (e.g. 100182). All records in a catchment will have the same number, but the number for different catchments will be unique. Not NULL.

NaFRA Postcode Flood Likelihood Category (AfA107)

Dataset Description

NaFRA Postcode Flood Likelihood Category (FLC) Database (version 8) is the latest output using the Risk Assessment for flood and coastal defence for System Planning (RASP) High Level Method *Plus* (HLM+). It is a broad-brush assessment of the likelihood of flooding at a national scale, based on assessments undertaken for 85 river catchments and coastal cells, where a cell is an area of land measuring 50m by 50m.

The NaFRA Postcode Likelihood Category (FLC) Database is held in Microsoft Access format. Although the database can be queried through a user Form where discrete postcodes can be entered, the entire tables underpinning the user Form can be extracted and used as a single dataset with no user locks in place.

The NaFRA Postcode FLC Database provides flood likelihood information at a postcode unit level, summarising the number of properties in each risk category and also the number of properties that are not at risk within that postcode. It enables a comparison of the relative risks and their distribution within each of these postcode units, rather than a detailed, local assessment of the risk at a specific location. The three risk categories are:

• low - the chance of flooding each year is 0.5 per cent (1 in 200) or less

• moderate - the chance of flooding in any year is 1.3 per cent (1 in 75) or less but greater than 0.5 per cent (1 in 200)

• significant - the chance of flooding in any year is greater than 1.3 per cent (1 in 75)

The postcodes in the dataset are based on OS Mastermap Address Layer 2 September 2008 and the OS CodePoint November 2008 dataset (Non-Addressable properties).

Price Category: High

Attribute Name	Attribute Description
Overall_SW	
PC	Postcode Unit
CNTPC	Number of Properties in the postcode unit
RES_CNT_LOW	Number of Residential Properties in the postcode unit in a Low Flood Likelihood Category
NRP_CNT_LOW	Number of Non-Residential Properties in the postcode unit in a Low Flood Likelihood Category
NAD_CNT_LOW	Number of Non-Addressable Properties in the postcode unit in a Low Flood Likelihood Category
TOT_CNT_LOW	Total number of properties in the postcode unit in a Low Flood Likelihood Category
RES_CNT_MOD	Number of Residential Properties in the postcode unit in a Moderate Flood Likelihood Category
NRP_CNT_MOD	Number of Non-Residential Properties in the postcode unit in a Moderate Flood Likelihood Category
NAD_CNT_MOD	Number of Non-Addressable Properties in the postcode unit in a Moderate Flood Likelihood Category
TOT_CNT_MOD	Total number of properties in the postcode unit in a Moderate Flood Likelihood Category
RES_CNT_SIG	Number of Residential Properties in the postcode unit in a Significant Flood Likelihood Category
NRP_CNT_SIG	Number of Non-Residential Properties in the postcode unit in a Significant Flood Likelihood Category
NAD_CNT_SIG	Number of Non-Addressable Properties in the postcode unit in a Significant Flood Likelihood Category
TOT_CNT_SIG	Total number of properties in the postcode unit in a Significant

Attribute Name	Attribute Description
	Flood Likelihood Category
RES_CNT_NOR	Number of Residential Properties in the postcode unit in a 'No Result' Category.
NRP_CNT_NOR	Number of Non-Residential properties in the postcode unit in a 'No Result' Category.
NAD_CNT_NOR	Number of Non-Addressable Properties in the postcode unit in a 'No Result' Category.
TOT_CNT_NOR	Total number of properties in the postcode unit in a 'No Result' Category.
SORTOFF	Postcode Sorting Office
DISTRICT	Postcode District
SECTOR	Postcode Sector
UNIT	Postcode Unit