

JBA FLOOD ASSESSMENT REPORT

ASSESSED RISK LOCATION – Old Lane, Broughton, Skipton, BD23 3FD, United Kingdom



ABOUT THIS REPORT

JBA Risk Management is a leading flood risk modeller to the international re/insurance market and other financial sectors. The flood risk assessment information and site maps in this report are based on JBA's globally available flood maps of 30m resolution or finer resolution. The data provides consistent flood risk analysis for improved decision making worldwide.

This report is of an indicative nature only for the location in question. It is not a substitute for detailed modelling or risk assessment and should not be relied upon or used in the design, planning, production or modification of any flood mitigation or work on defences or other construction.

This report is derived from JBA's United Kingdom 5m Flood Map and Defended River and Surface Water Areas data. For more information on JBA's specific datasets, please refer to our Technical Overview documents, available on request.

FLOOD INDICATION

The following table shows if the specified location is at risk from flooding for the assessed flood types and return periods. 'Y' represents that flooding is present; 'N' represents that no flooding is present; 'N/A' represents where data is not available and no assessment was conducted. Where JBA's river and surface water defence dataset suggests that the site is likely to benefit from a flood defence of some kind with an appropriate Standard of Protection (SoP), this is reflected in the table as Defended (River) and Defended (Surface Water).

Buffer/Site boundary: 300.0 m

Site: Old Lane, Broughton, Skipton, BD23 3FD, United Kingdom

Long/Lat: -2.10249413, 53.95621784

Return Period (Years)	Flooded (River Undefined)	Flooded (Surface Water)	Defended (River)	Defended (Surface Water)
20	N	n/a	N	N
75	N	Y	N	N
100	N	n/a	N	N
200	N	Y	N	N
1000	N	Y	N	N

FLOOD EVALUATION

The following table presents summary flood statistics for the assessed location. The minimum (min), maximum (max) and mean flood depths for each return period assessed are provided. Blank spaces ('-') occur where no flooding is present; 'N/A' represents where data is not available and no assessment was conducted.

Buffer/Site boundary: 300.0 m

Site: Old Lane, Broughton, Skipton, BD23 3FD, United Kingdom

Long/Lat: -2.10249413, 53.95621784

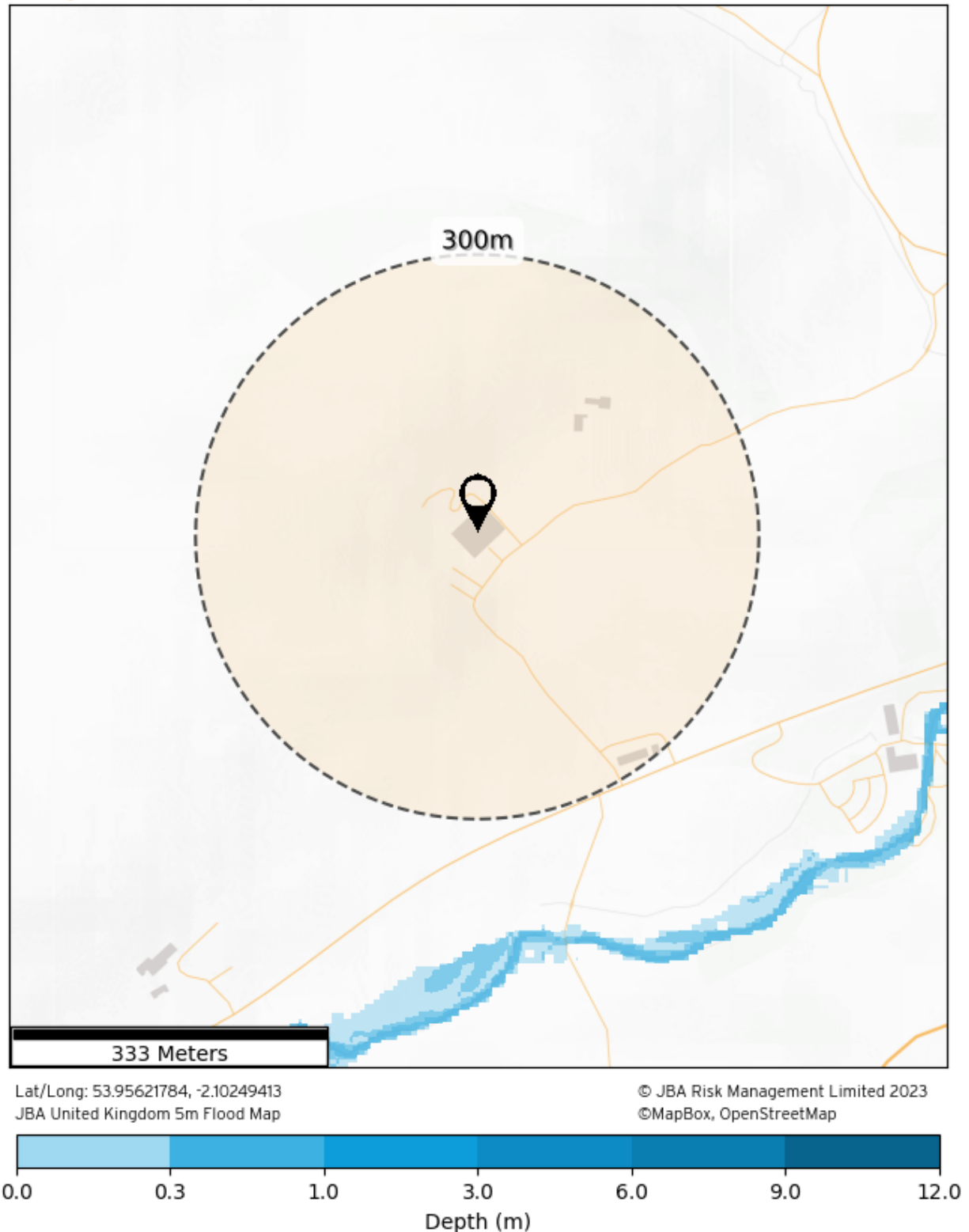
Return Period		Indicative water depth (Undefended River, m)				Indicative water depth (Surface Water, m)			
Years	AEP*	PAA* (%)	min	max	mean	PAA* (%)	min	max	mean
20	5.0%	0.00	-	-	-	n/a	n/a	n/a	n/a
75	1.333%	0.00	-	-	-	0.38	0.10	1.04	0.36
100	1.0%	0.00	-	-	-	n/a	n/a	n/a	n/a
200	0.5%	0.00	-	-	-	0.41	0.10	1.05	0.35
1000	0.1%	0.00	-	-	-	1.18	0.10	1.14	0.24

*AEP is Annual Exceedance Probability

*PAA is Percentage Area Affected

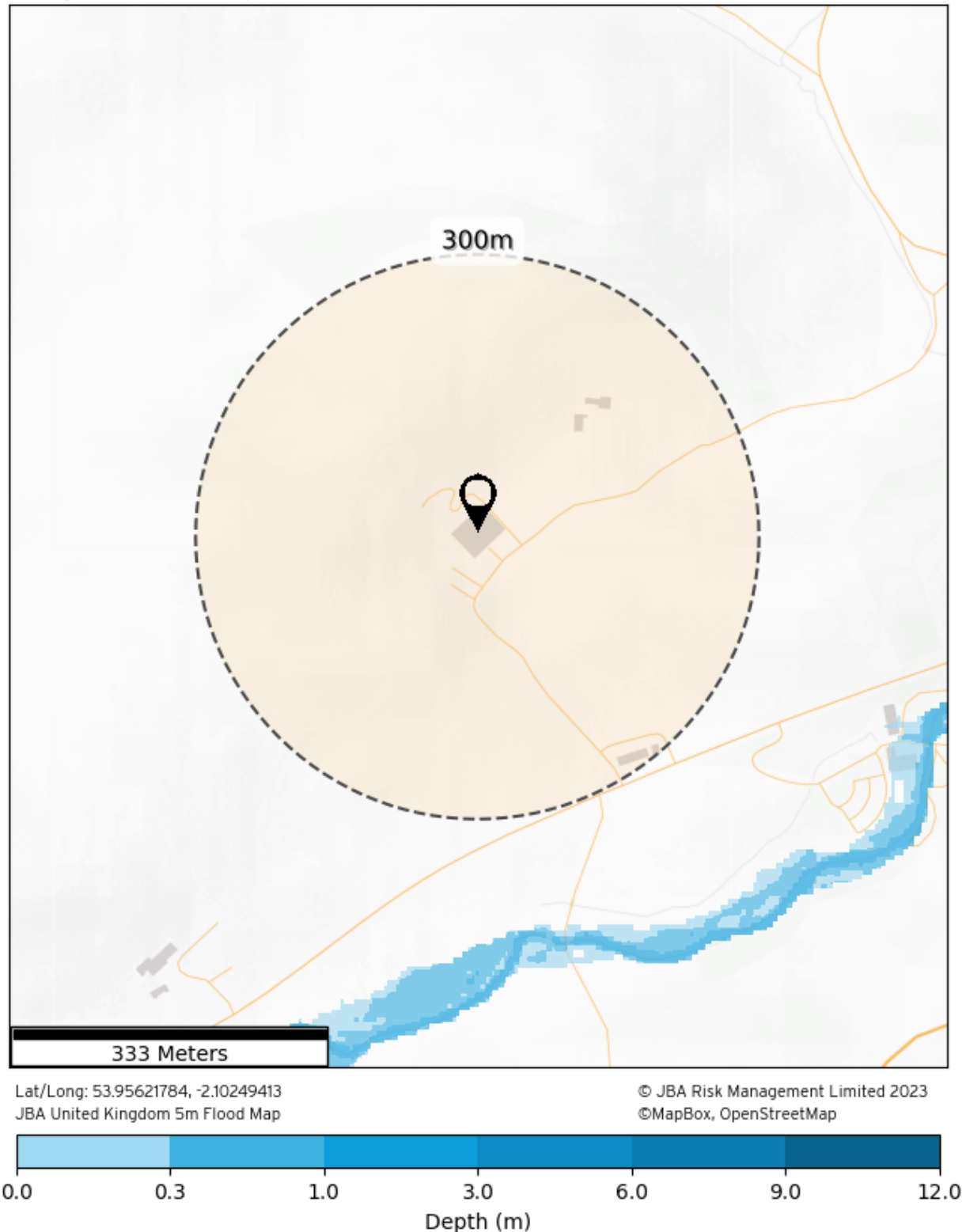
FLOOD INDICATION

20-year return period for River Flood



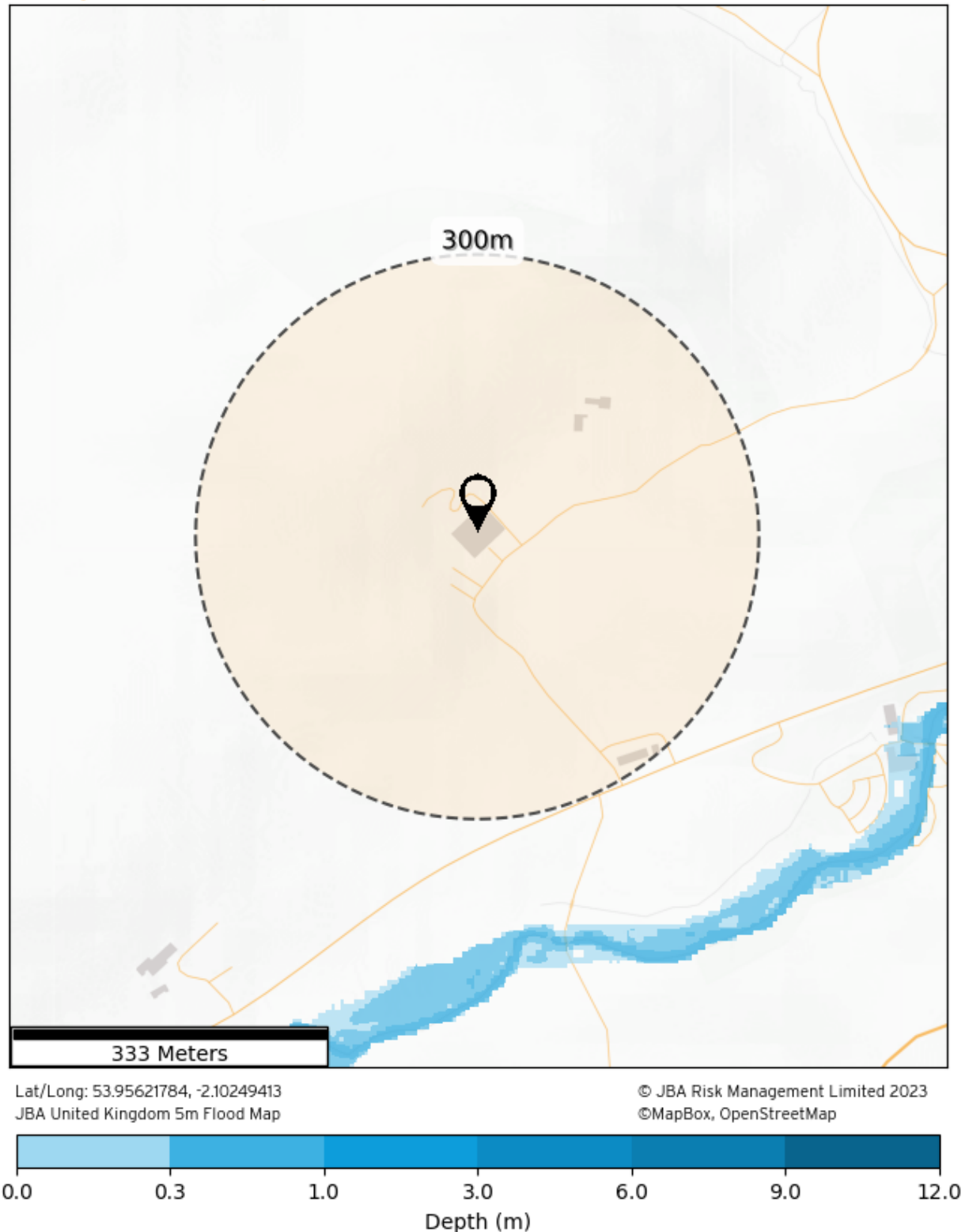
FLOOD INDICATION

75-year return period for River Flood



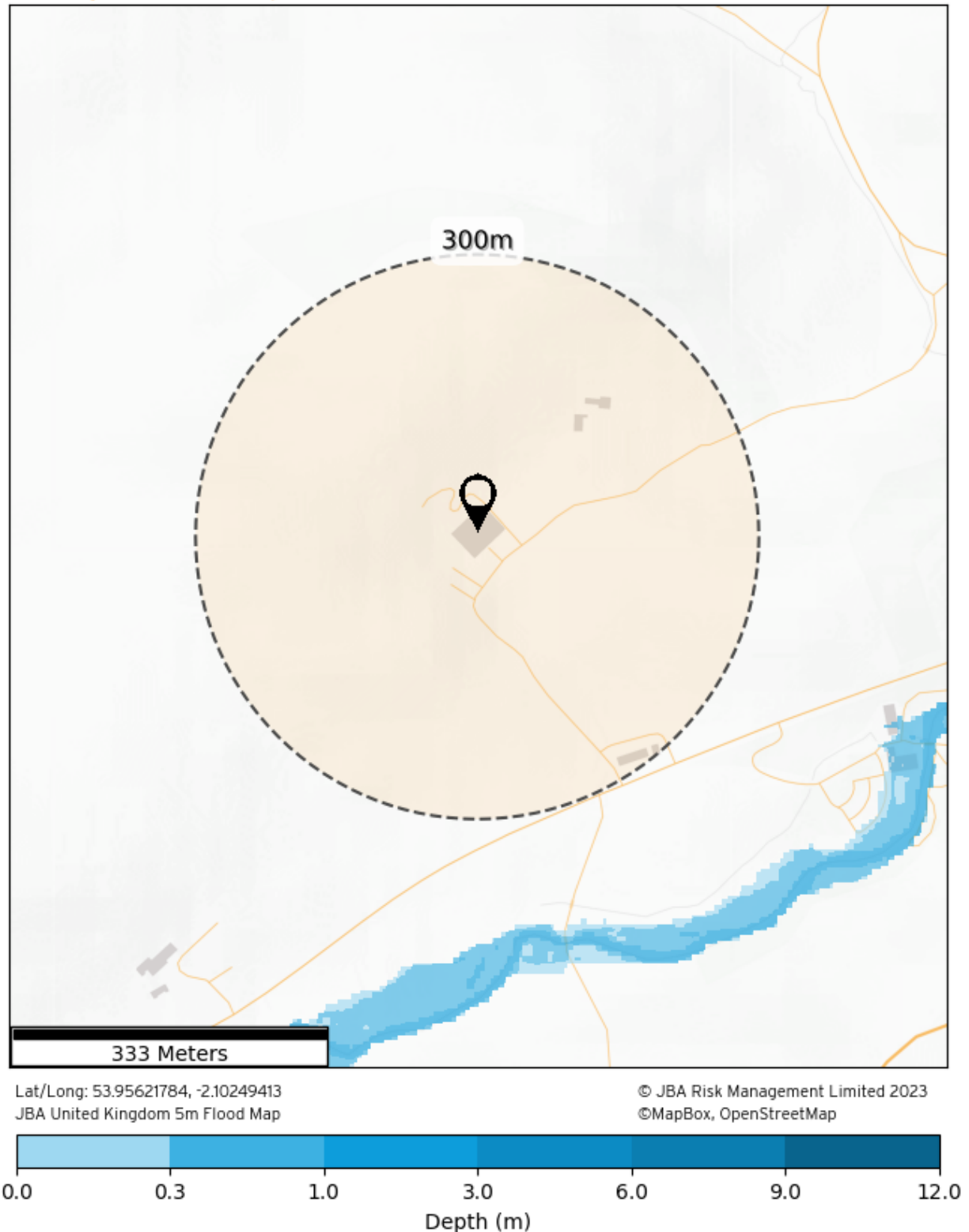
FLOOD INDICATION

100-year return period for River Flood



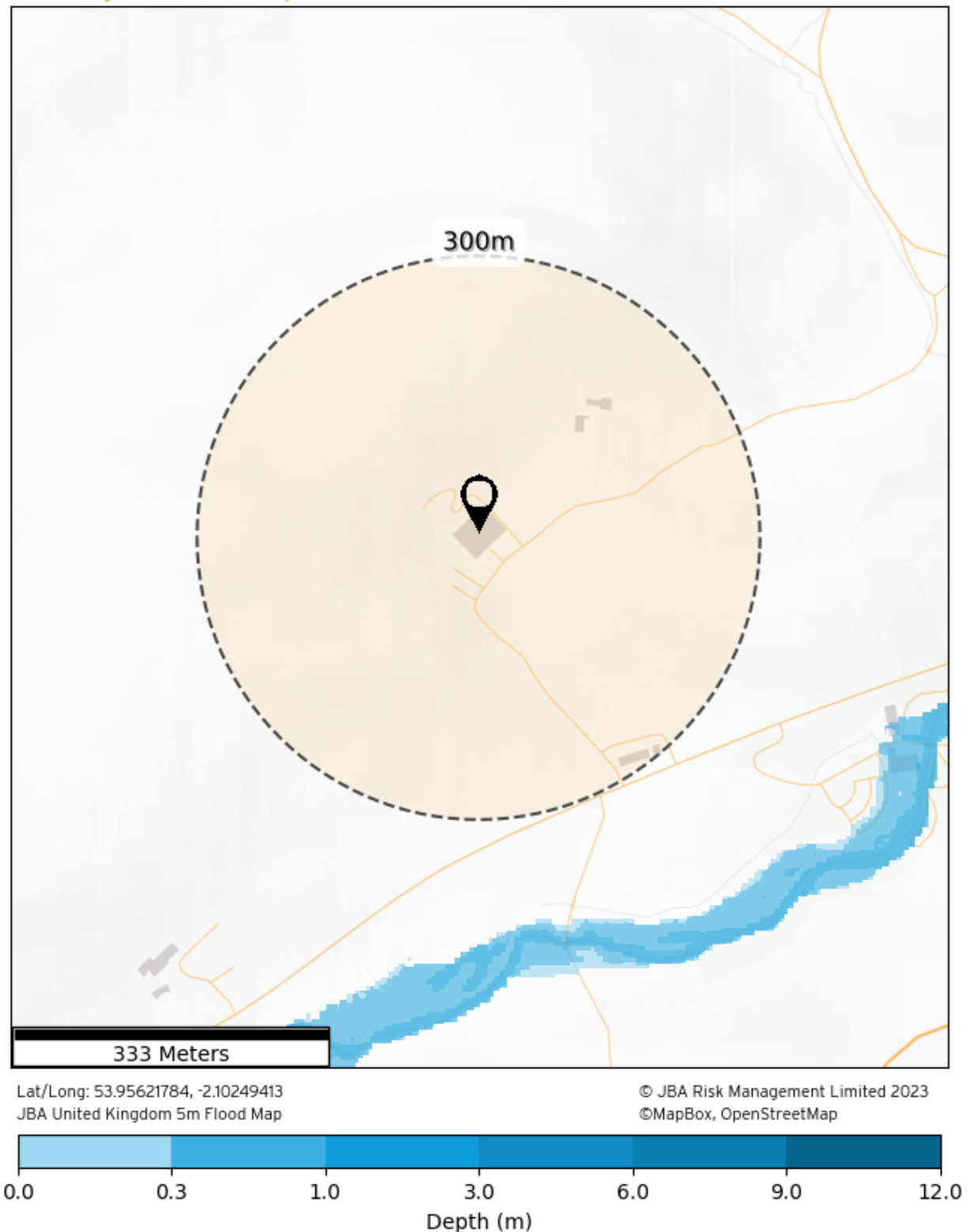
FLOOD INDICATION

200-year return period for River Flood



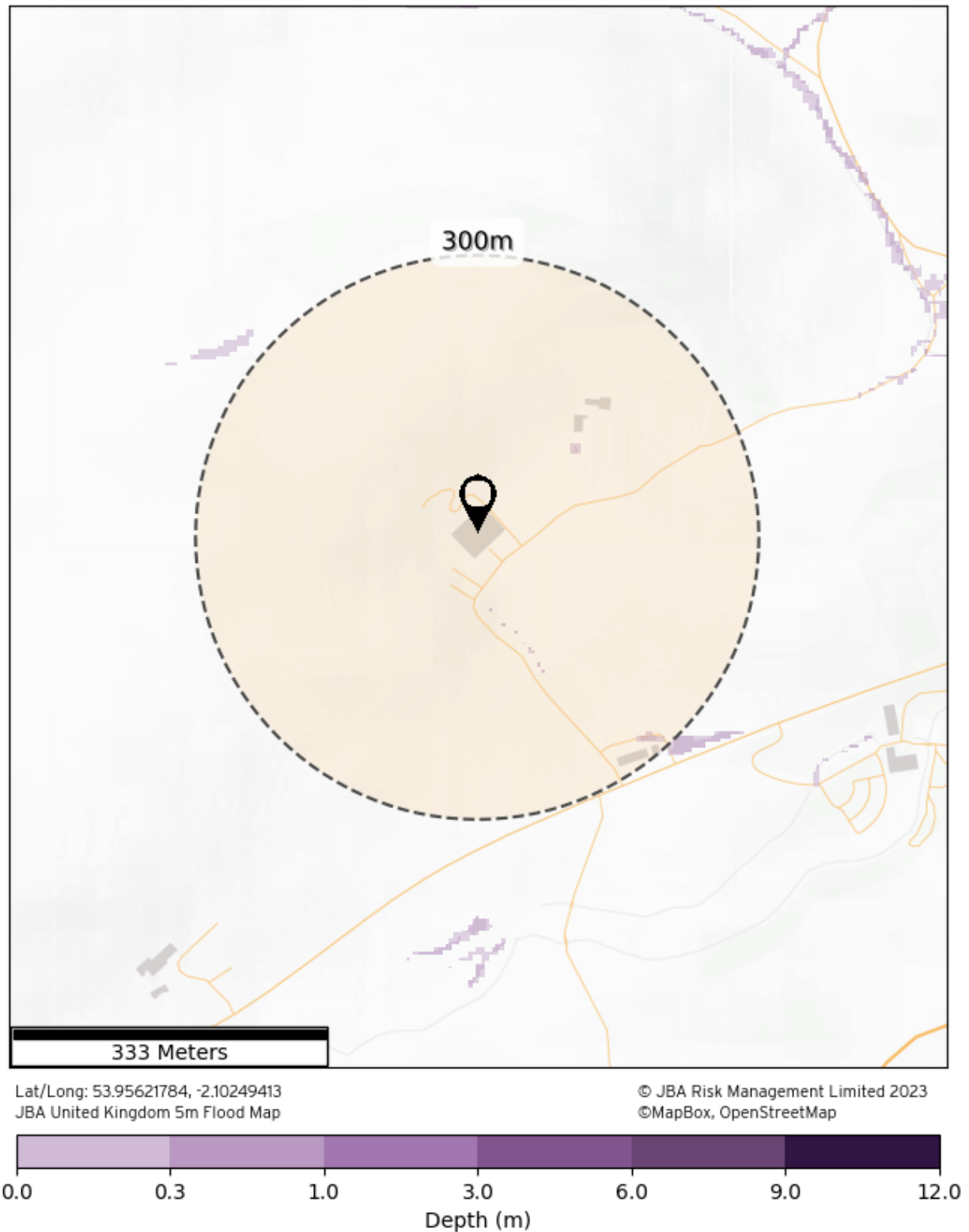
FLOOD INDICATION

1000-year return period for River Flood



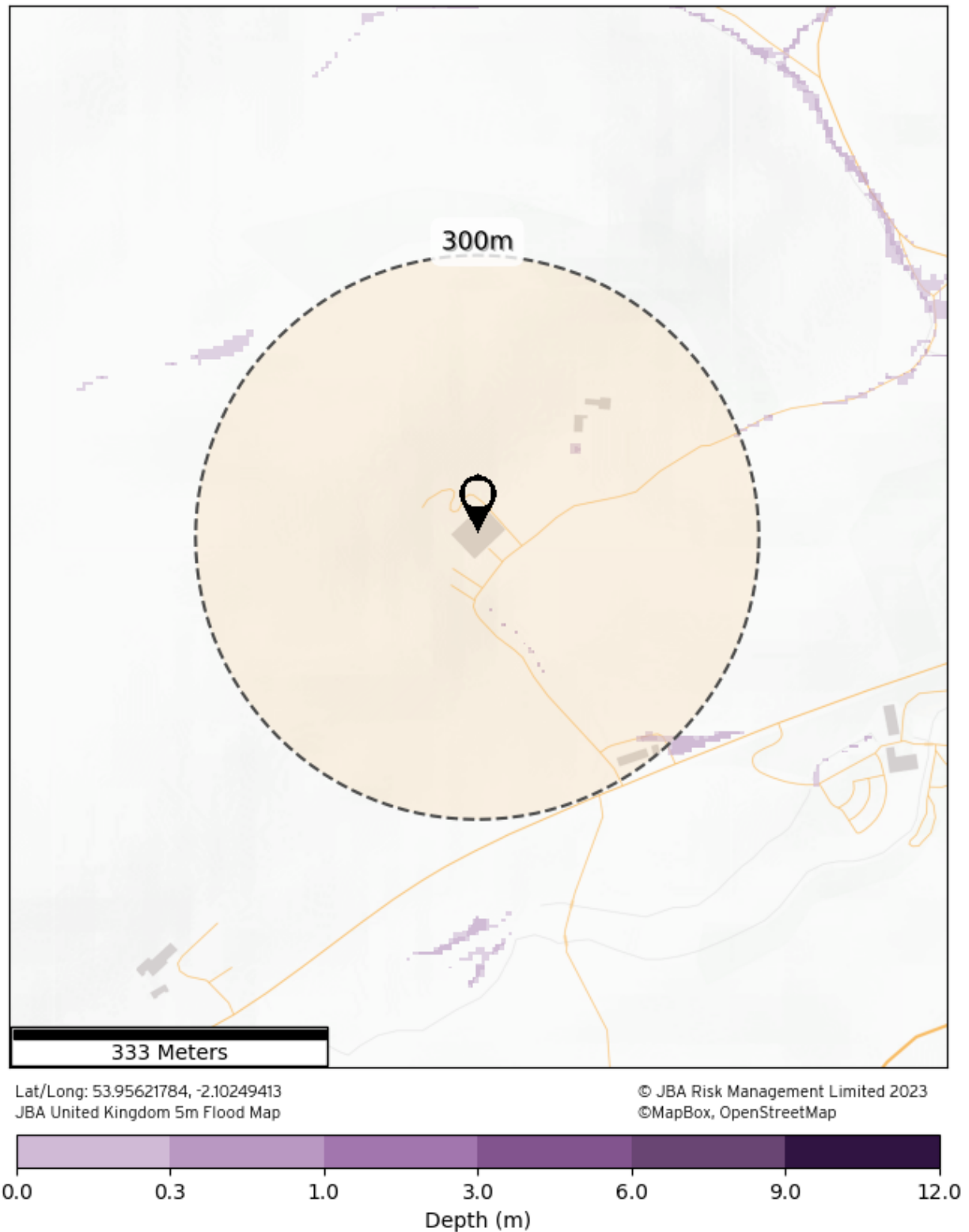
FLOOD INDICATION

75-year return period for Surface Water Flood



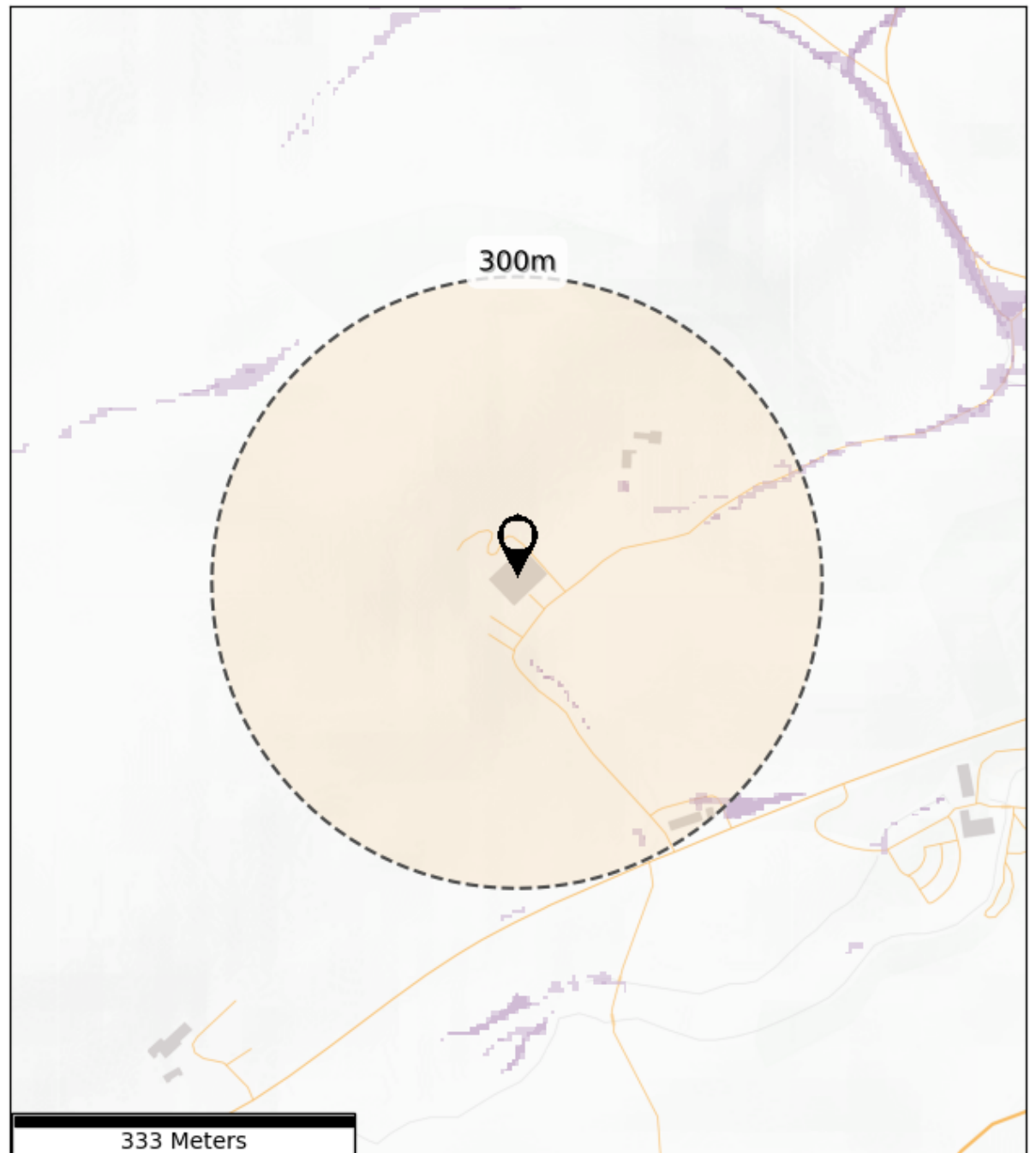
FLOOD INDICATION

200-year return period for Surface Water Flood



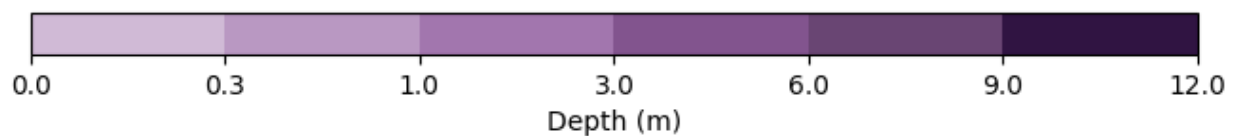
FLOOD INDICATION

1000-year return period for Surface Water Flood



Lat/Long: 53.95621784, -2.10249413
JBA United Kingdom 5m Flood Map

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