

★ **Modelled Breach Locations** - see also the accompanying plan "Location of Modelled Breaches"

Max Hazard (Flood Risk to People : FD2320)	Max Depth (m)	Max Velocity (m/s)
Less than 0.75 (Low Hazard)	0 - 0.25	0 - 0.3
Between 0.75 and 1.25 (Danger for Some)	0.25 - 0.50	0.3 - 1.0
Between 1.25 and 2.0 (Danger for Most)	0.50 - 1.0	1.0 - 1.5
Greater than 2.0 (Danger for All)	1.0 - 1.6	1.5 - 2.5
	1.6 +	2.5 +


Date Printed	May 2023	Scenario year	2006	Scenario Annual Chance	0.5% (1 in 200)	CCN Number	CCN-2023-310044
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This map shows the level of flood hazard to people (called a hazard rating) if our flood defences are breached at certain locations, for a range of scenarios. The hazard rating depends on the depth and velocity of floodwater, and maximum values of these are also mapped.

The map is based on computer modelling of simulated breaches at specific locations. Each breach has been modelled individually and the results combined to create this map. Multiple breaches, other combinations of breaches, different sized tidal surges or flood flows may all give different results.

The map only considers the consequences of a breach, it does not make any assumption about the likelihood of a breach occurring. The likelihood of a breach occurring will depend on a number of different factors, including the construction and condition of the defences in the area. A breach is less likely where defences are of a good standard, but a risk of breaching remains.

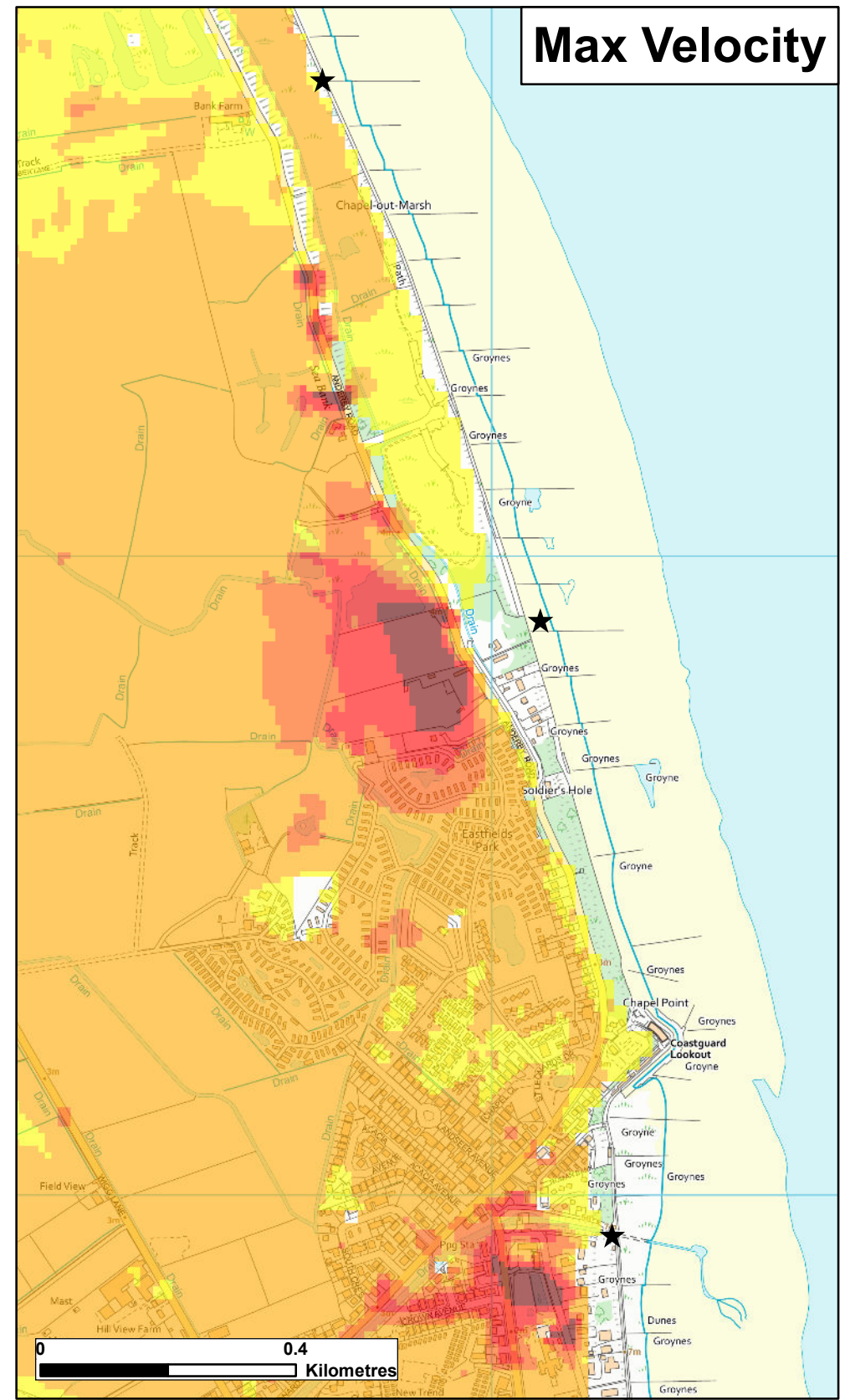
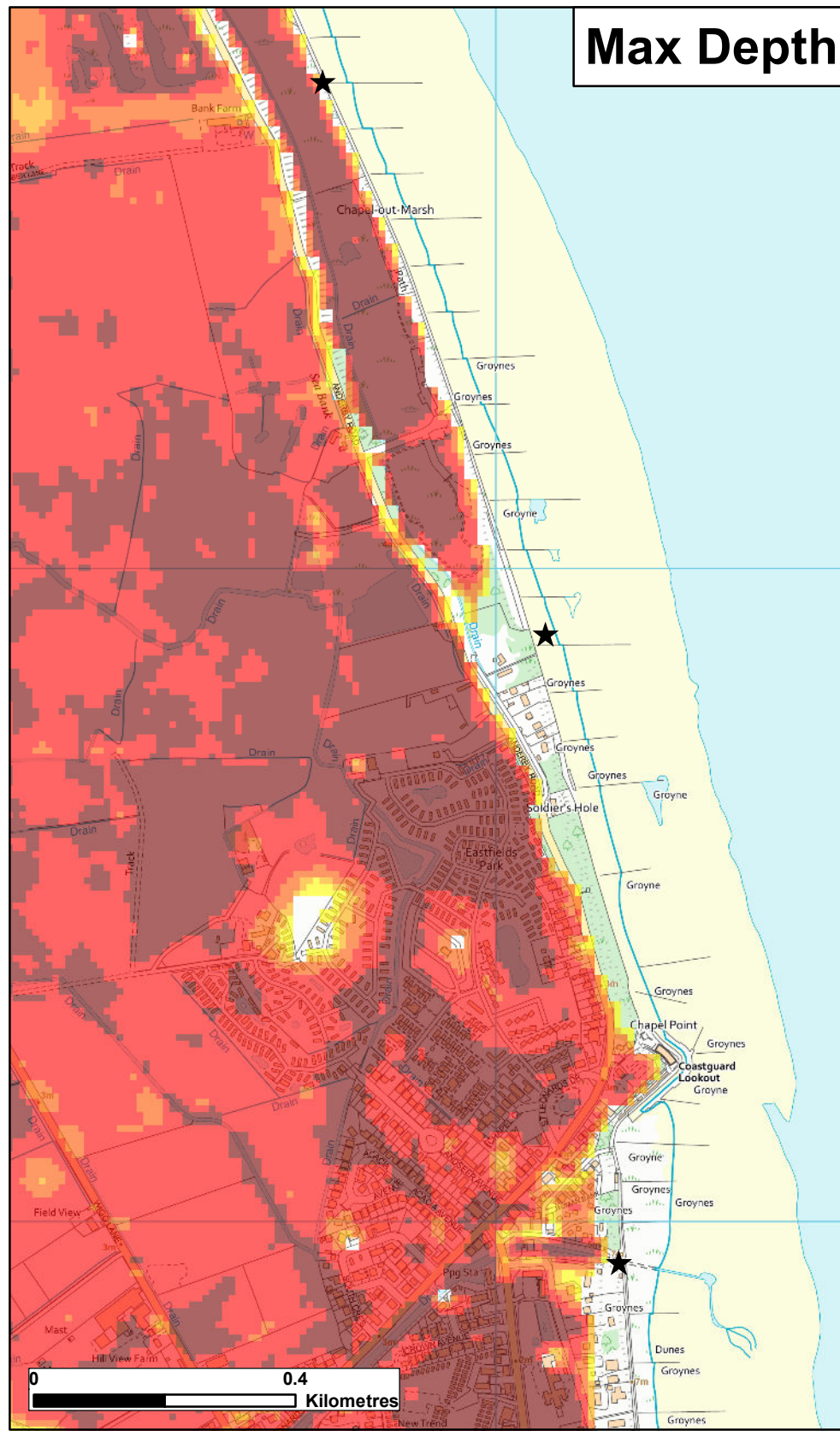
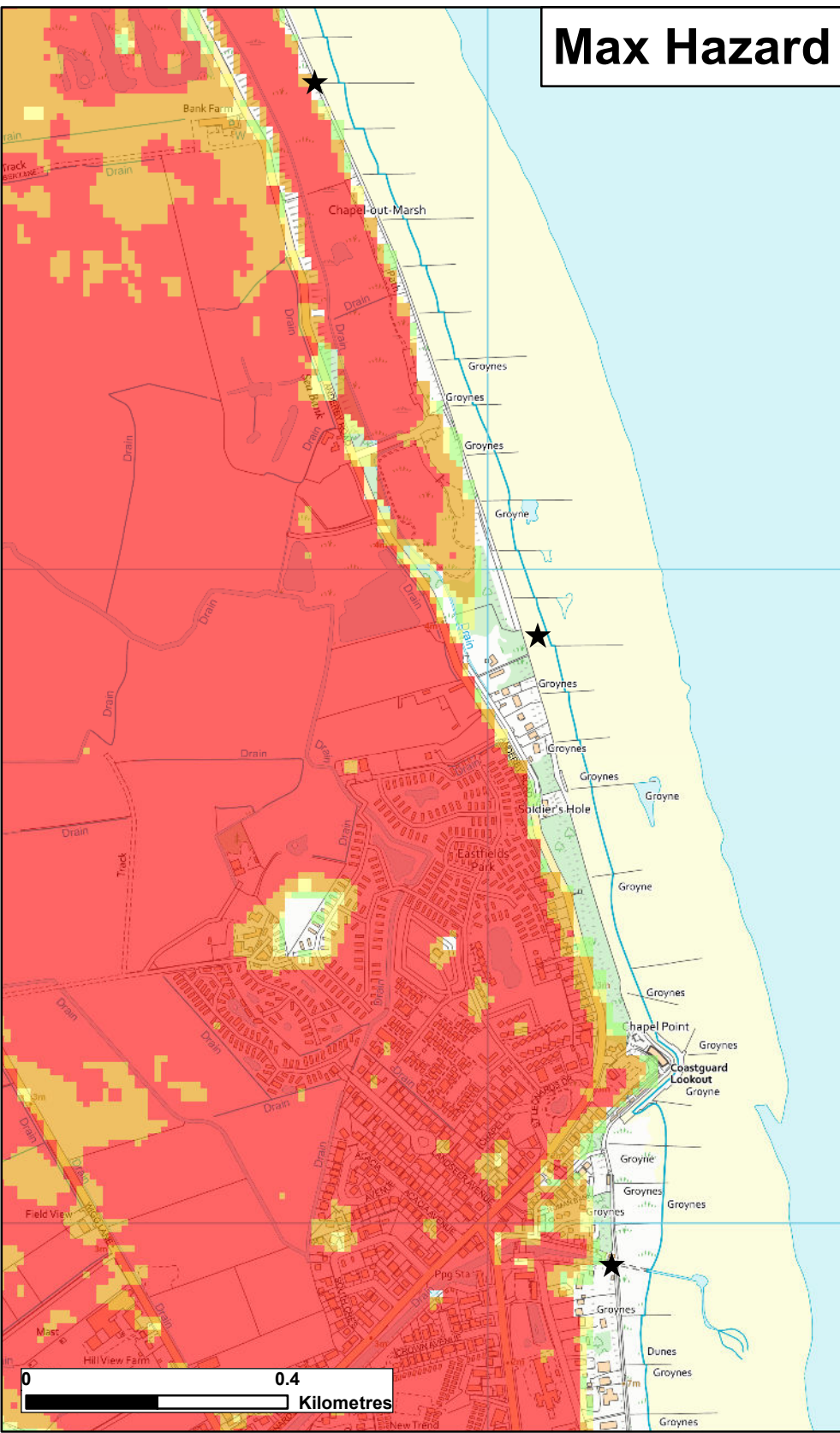
General Enquiries No: 03708 506 506. Weekday Daytime calls cost 5p plus up to 6p per minute from BT Weekend Unlimited. Mobile and other providers' charges may vary



Lincolnshire and Northamptonshire Breach Hazard Mapping

Map Centred on TF 55900 73770

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Date Printed	May 2023	Scenario year	2006	Scenario Annual Chance	0.1% (1 in 1000)	CCN Number	CCN-2023-310044
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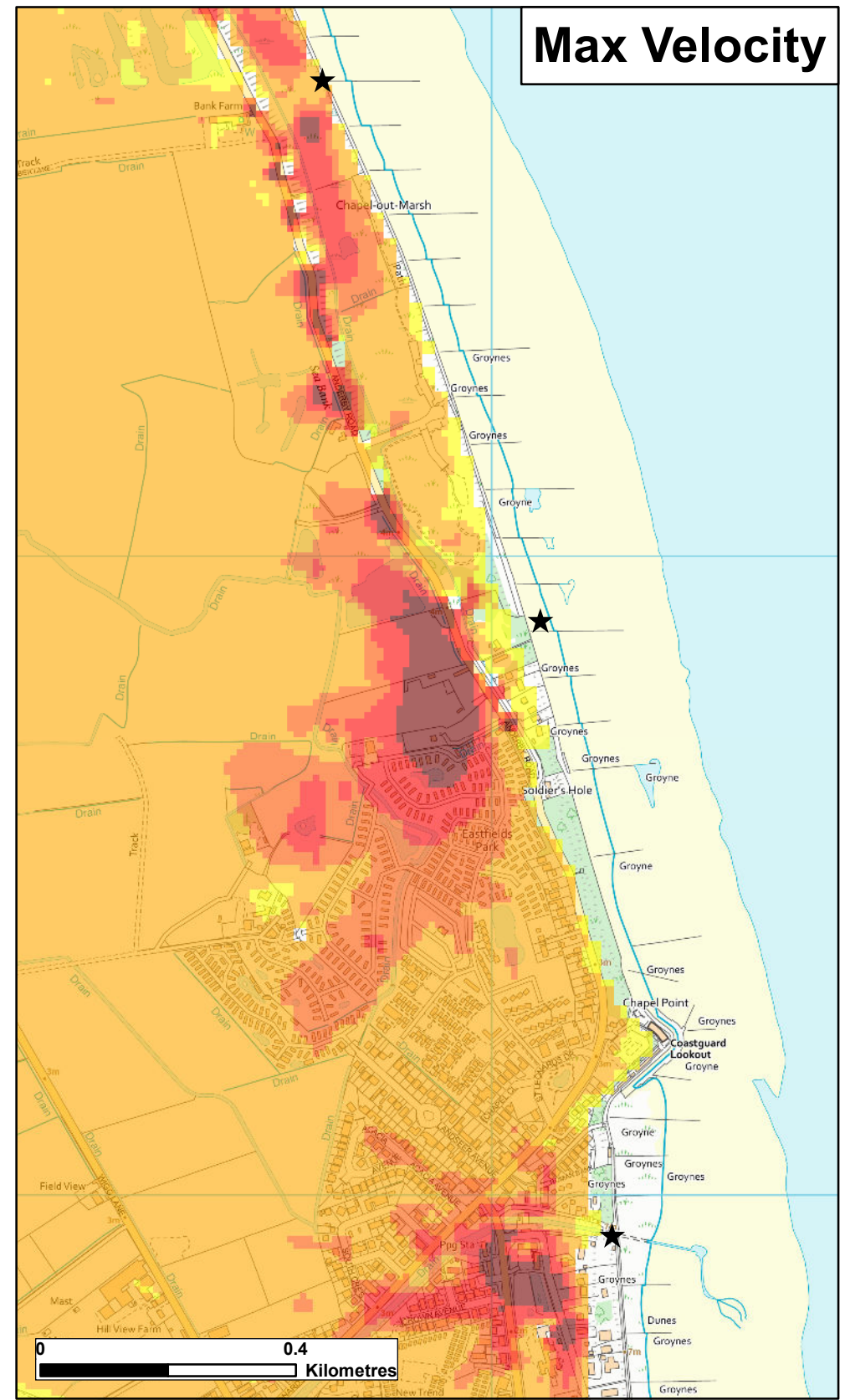
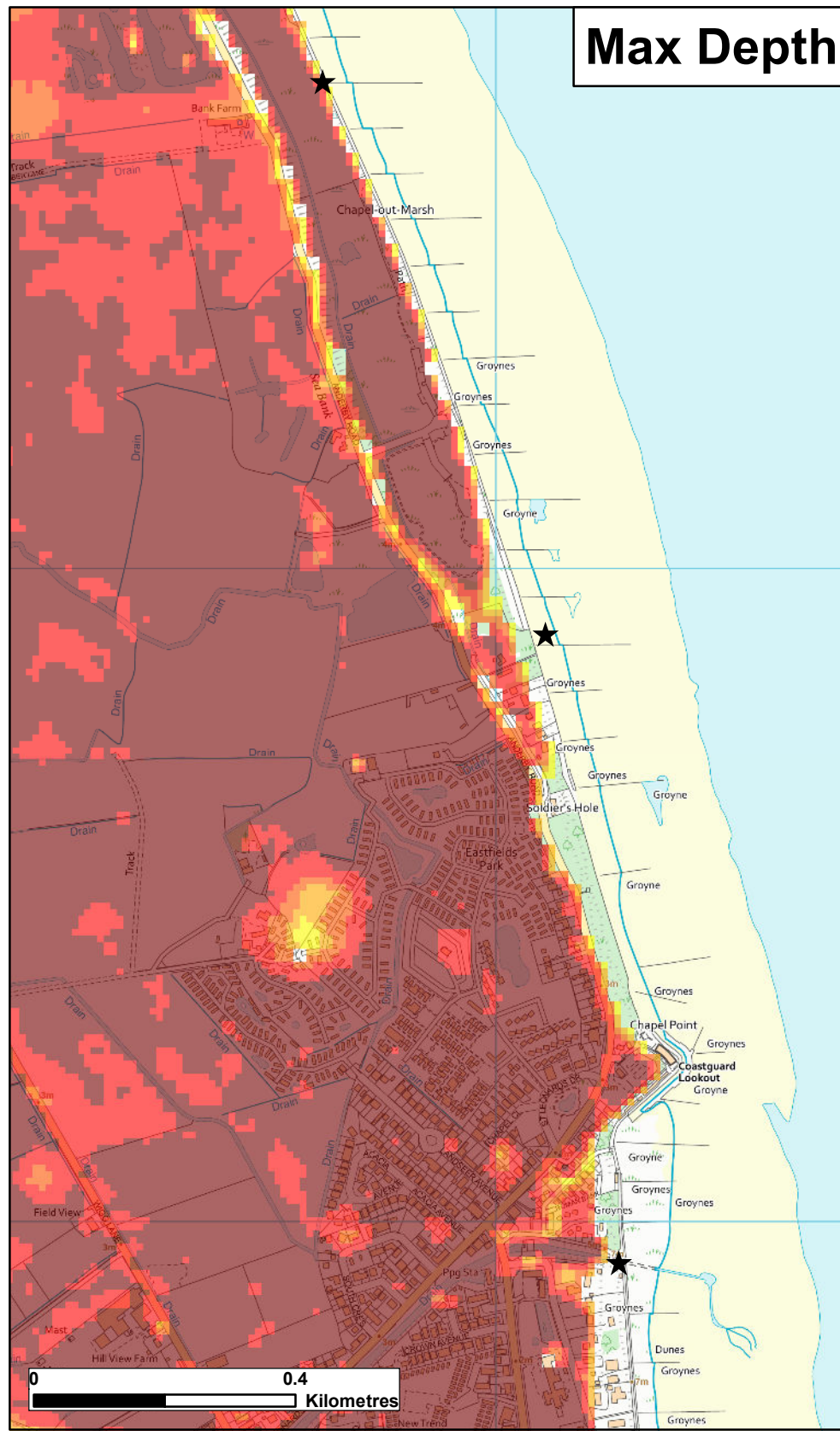
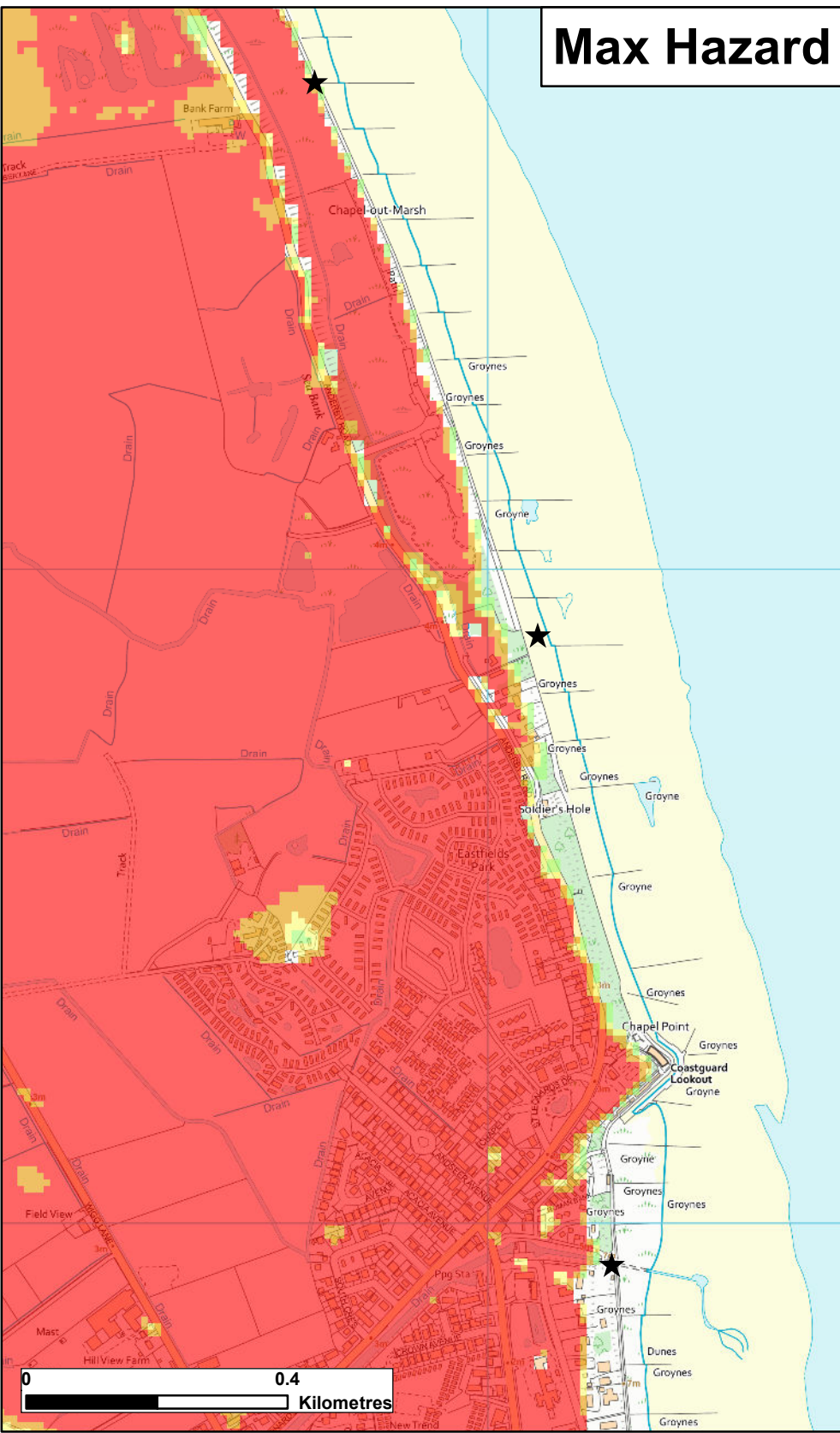
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Date Printed	May 2023	Scenario year	2115	Scenario Annual Chance	0.5% (1 in 200)	CCN Number	CCN-2023-310044
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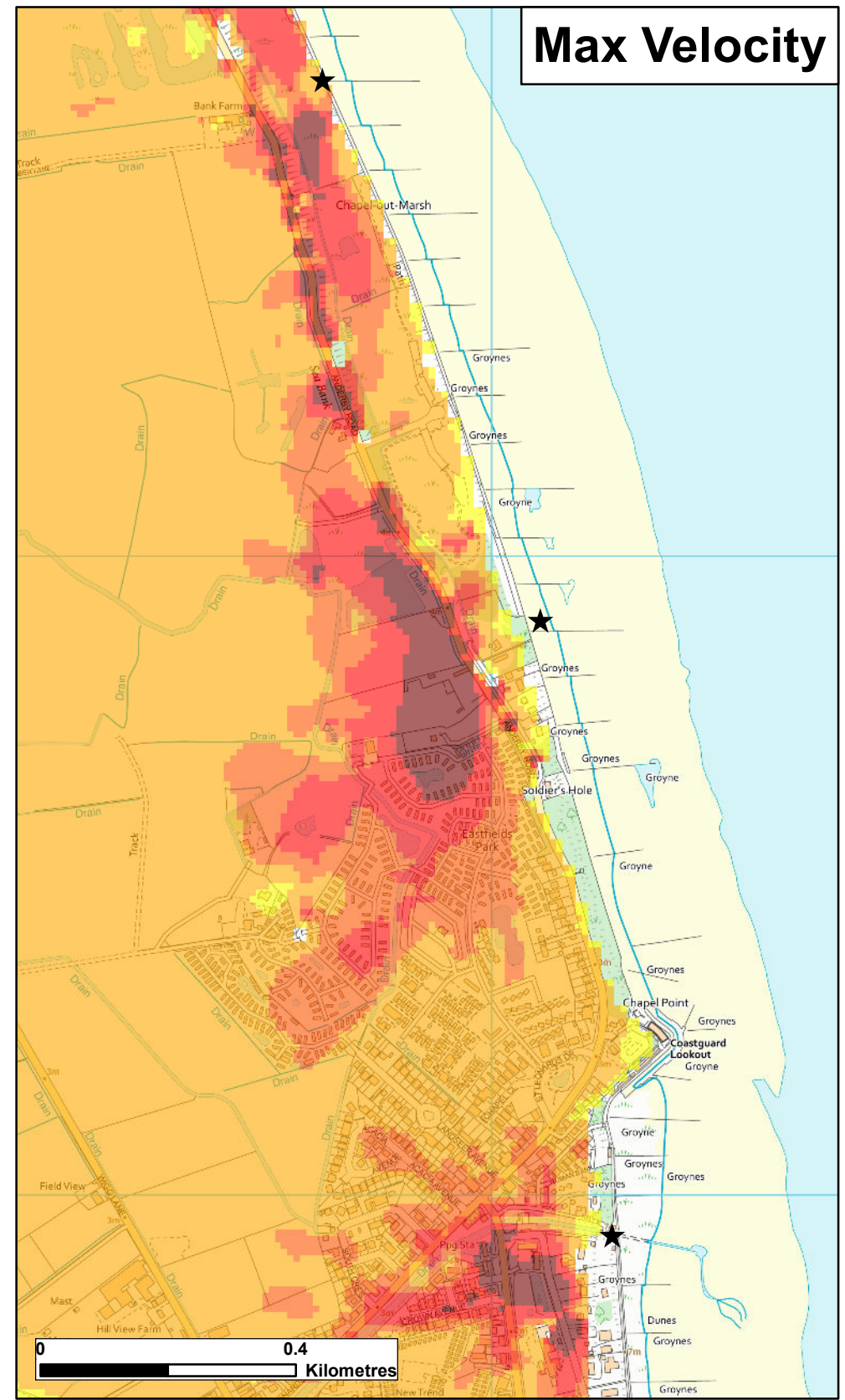
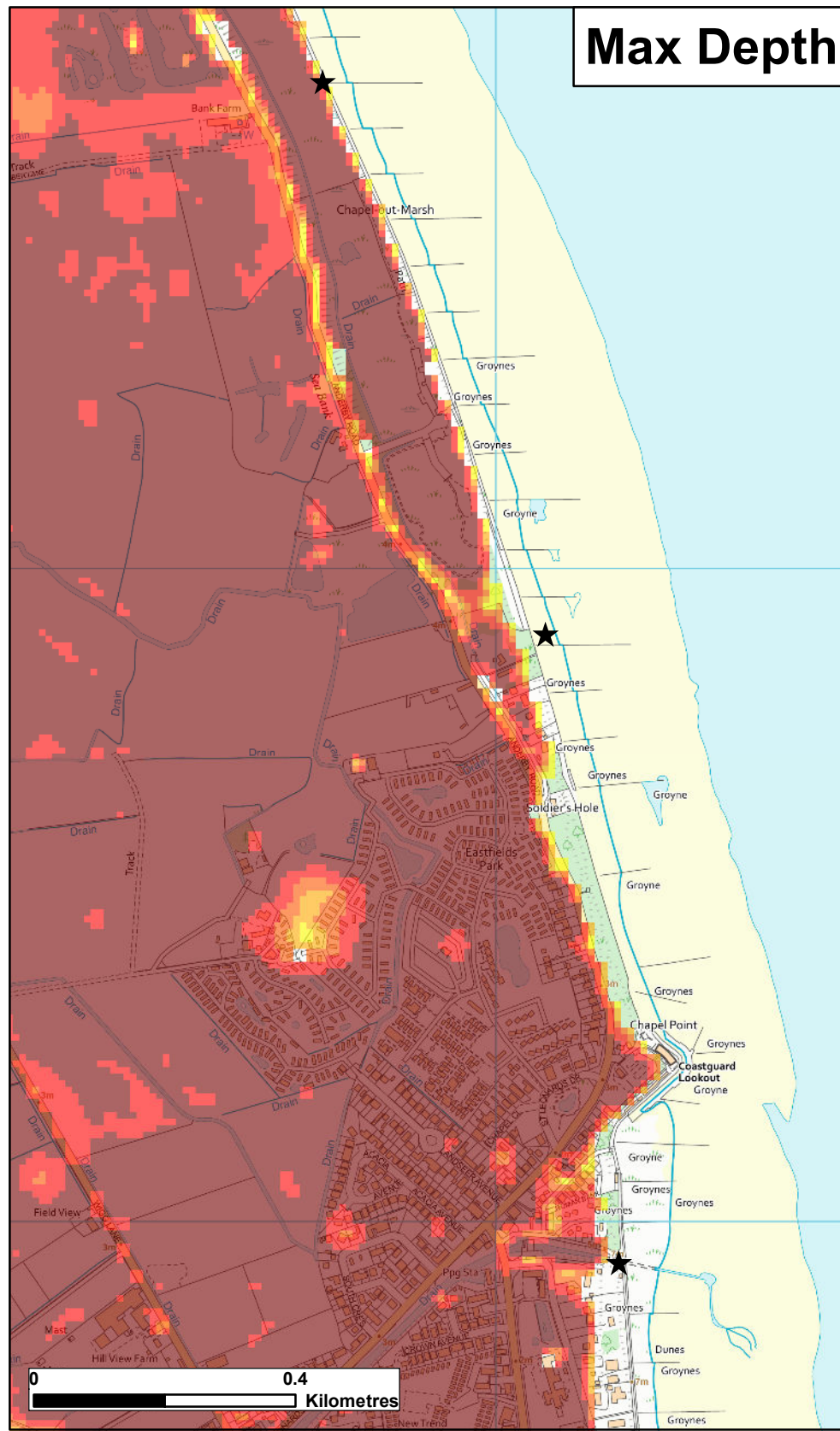
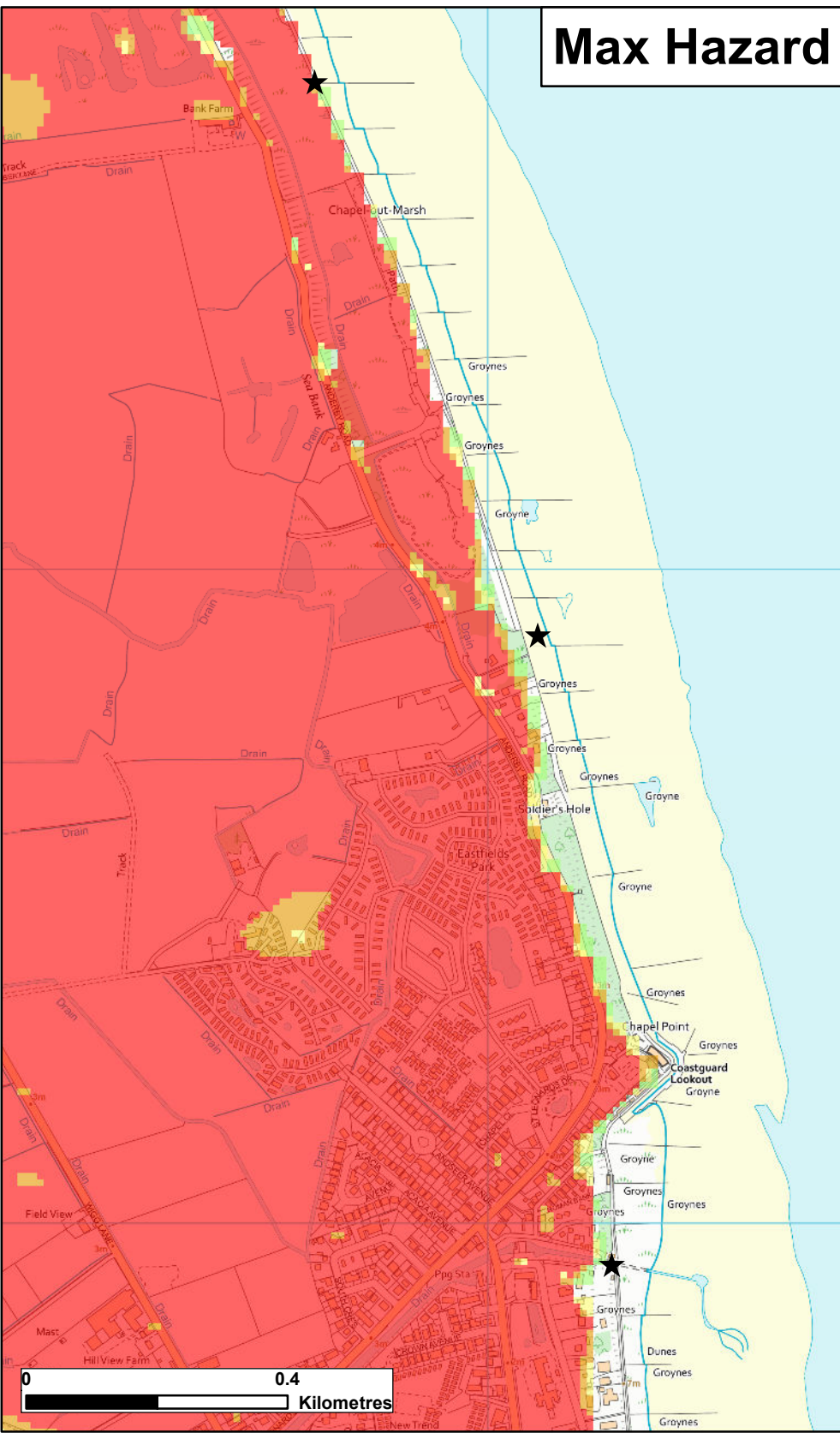
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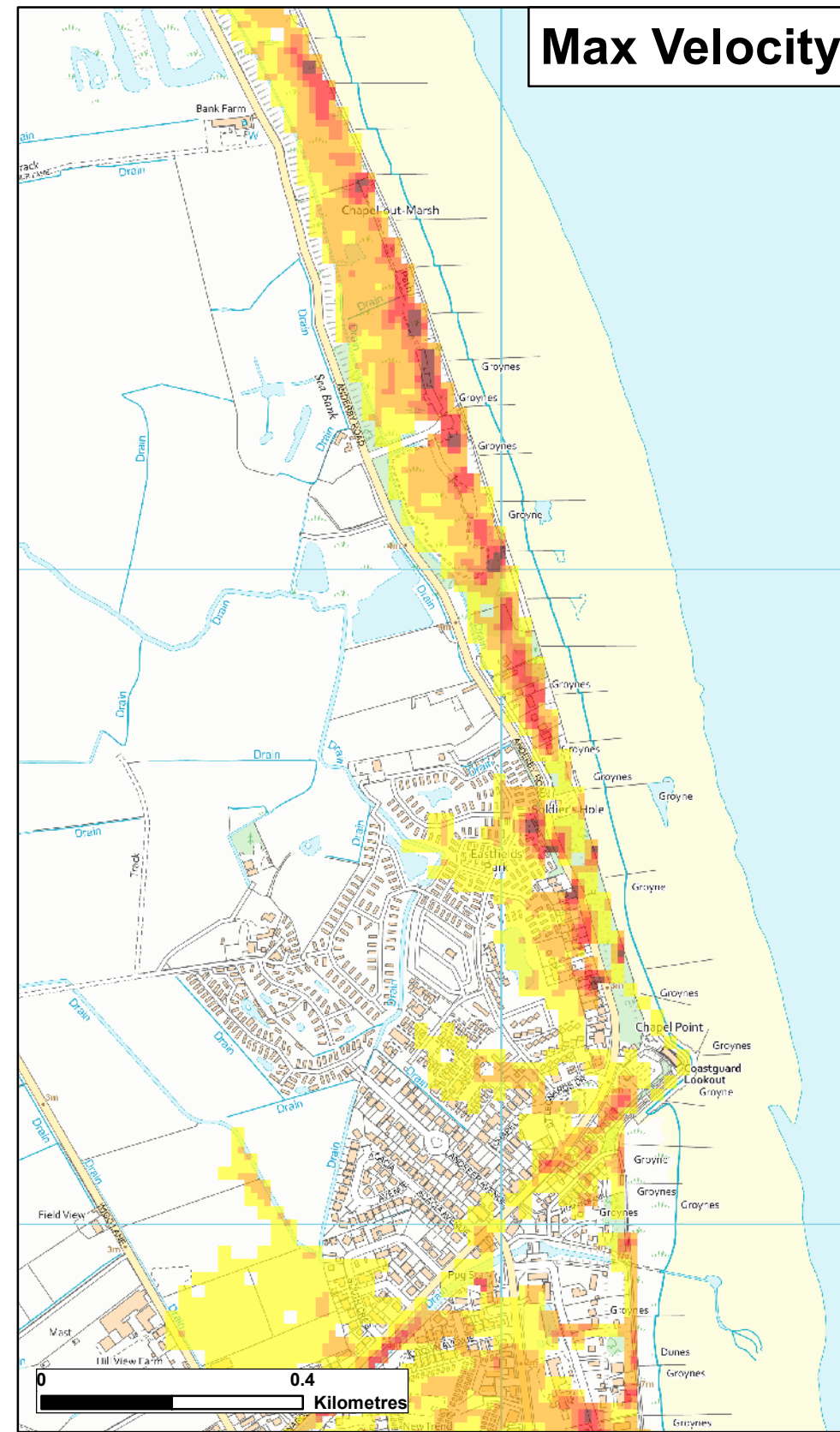
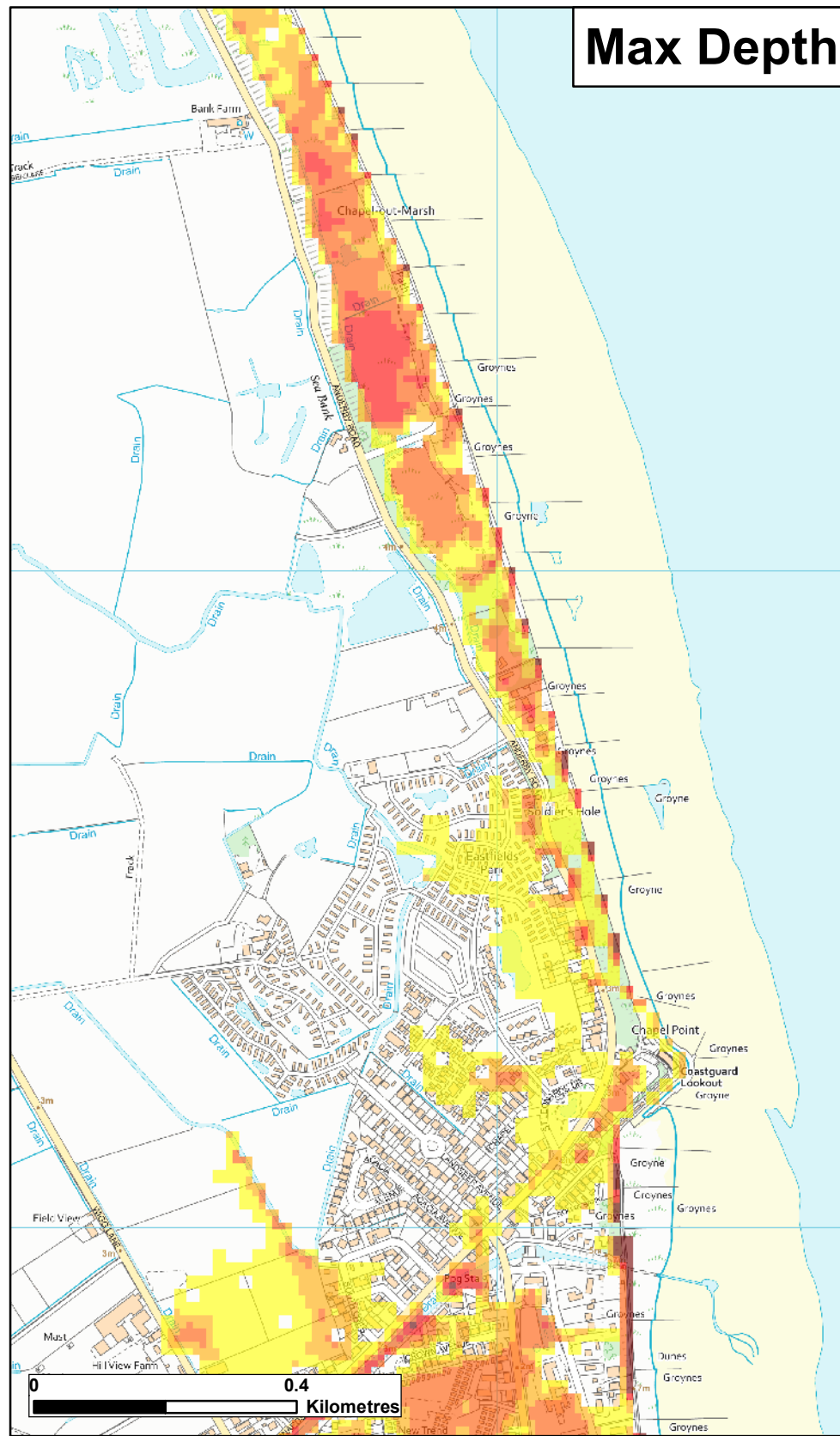
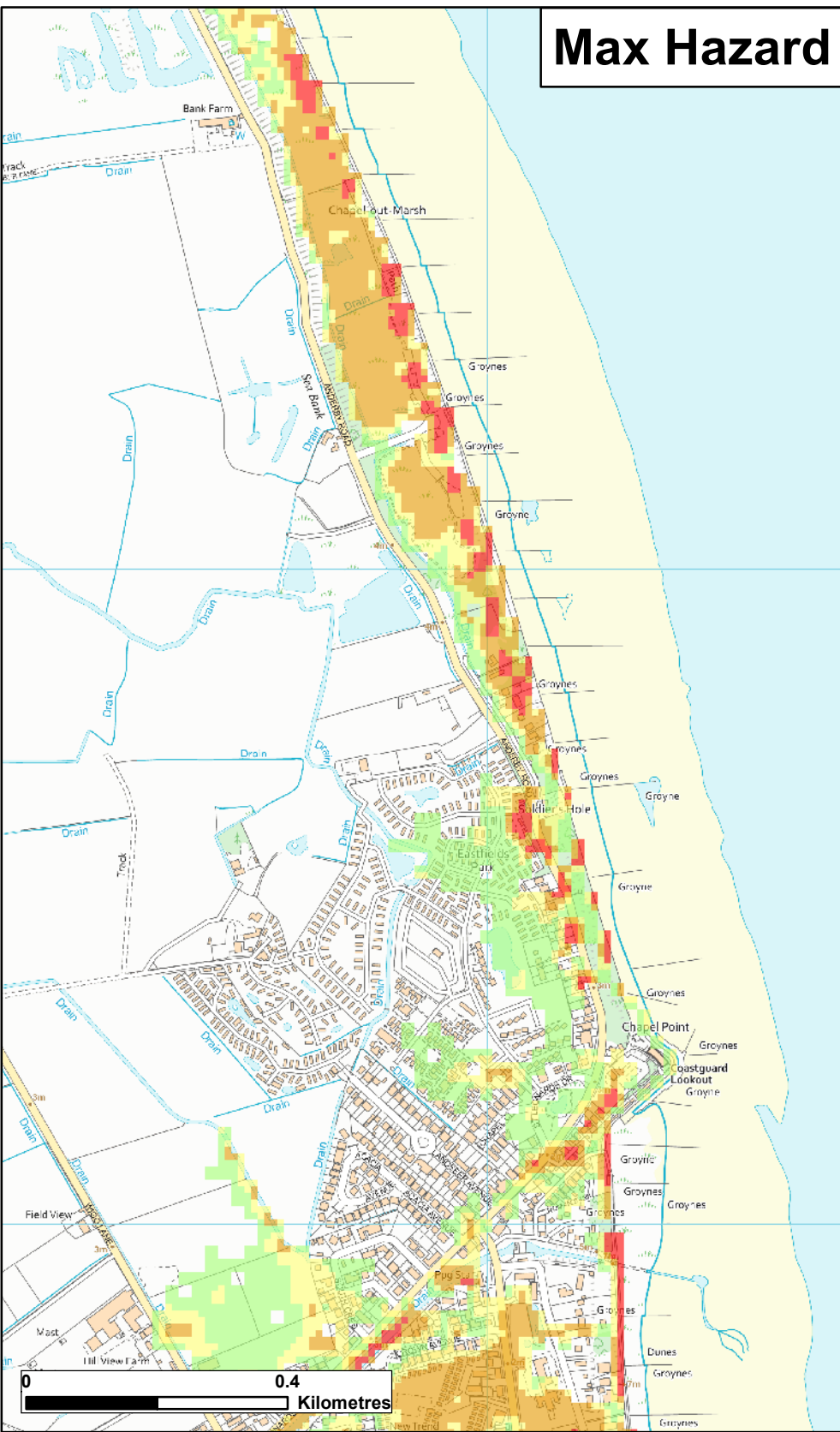
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Max Hazard
(Flood Risk to People : FD2320)

Light Green	Less than 0.75 (Low Hazard)
Yellow	Between 0.75 and 1.25 (Danger for Some)
Orange	Between 1.25 and 2.0 (Danger for Most)
Red	Greater than 2.0 (Danger for All)

Max Depth (m)

Yellow	0 - 0.25
Light Orange	0.25 - 0.50
Orange	0.50 - 1.0
Dark Orange	1.0 - 1.6
Dark Red	1.6 +

Max Velocity (m/s)

Yellow	0 - 0.3
Light Orange	0.3 - 1.0
Orange	1.0 - 1.5
Dark Orange	1.5 - 2.5
Dark Red	2.5 +

The map is based on computer modelling of simulated overtopping of the main coastal defences for specific tidal scenarios. It does not include overtopping along the following tidal rivers which are currently being investigated: Witham Haven (upstream of Hobhole), and Welland (upstream of Fosdyke Bridge)

The map only considers the consequences of overtopping of the defences, and does not show the possible consequences of breaches of the tidal defences. Separate maps of the flood extent from just breaching of the defences are available.

For future climate change scenarios it is assumed that defences remain at 2006 heights.

These maps do not replace the flood zone maps used in the National Planning Policy Framework (NPPF)



**Lincolnshire and Northamptonshire
Overtopping Hazard Mapping**

Map Centred on TF 55900 73770

Date Printed	May 2023	Scenario year	2006	Scenario Annual Chance	0.5% (1 in 200)	CCN Number	CCN-2023-310044
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