

Notes

The Environment Agency 2016 climate change guidance shows that for watercourses in the Thames River Basin District the 35% and 70% allowances should be considered. This been applied to the 100-year fluvial events.

The Tidal 200-year event with uplifts for 2070 and 2120 have been used to assess future tidal flood risk within Maidstone Borough. The tidal climate change flood extent is shown on the mapping up to Allington Lock. The River Medway continues to be tidally influenced upstream to East Farleigh. However, the fluvial climate change flood extent is significantly larger than the tidal climate change flood extent in this area. Therefore, only the fluvial climate change flood extent is shown on the mapping upstream of Allington Lock.

Where there are no fluvial or tidal model information available, Flood Zone 2 information has been displayed on the map. This is included to help identify potential sensitivity to climate change for watercourses where climate change modelling which follows the latest guidance is not available. This is expected to provide a conservative estimate of future Flood Zone 3a flood risk.

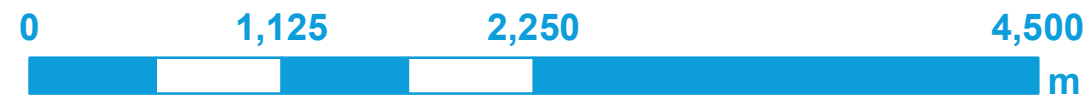
Key Plan



Legend

- Maidstone Boundary
- Flood Zone 3
- 0.5% AEP Tidal event 2120 Higher Central
- 0.5% AEP Tidal event 2120 Upper End
- 1% AEP Fluvial event +35% flows
- 1% AEP Fluvial event +70% flows
- Flood Zone 2 (Proxy)

REF	Date	Comments
A	June 2020	-



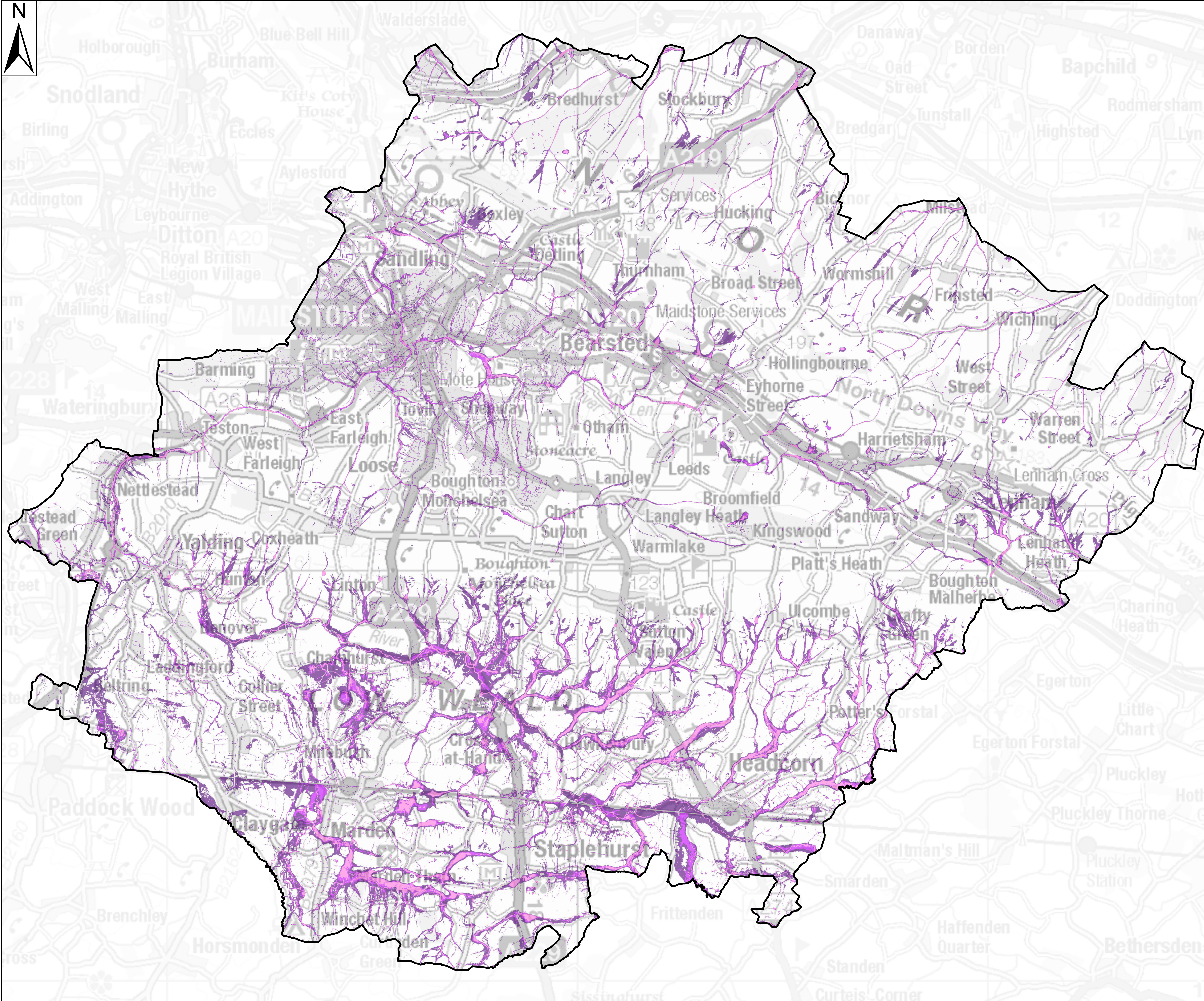
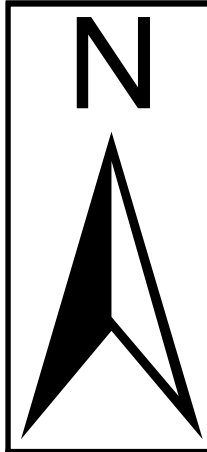
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MAIDSTONE BOROUGH COUNCIL

SFRA: APPENDIX C
CLIMATE CHANGE MAPPING

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Notes

The Risk of Flooding from Surface Water (RoFSW) shows the flooding that takes place from the 'surface runoff' generated by rainwater (including snow and other precipitation) which:
(a) is on the surface of the ground (whether or not it is moving), and
(b) has not yet entered a watercourse, drainage system or public sewer.

The RoFSW will pick out natural drainage channels, rivers, low areas in the floodplain and flow paths between buildings but it will only indicate flooding caused by local rainfall.

Note: The RoFSW shows predictions of flooded areas but does not show whether individual properties will be affected by surface water flooding or have been affected in the past. The RoFSW should not be used to predict if individual properties will flood.

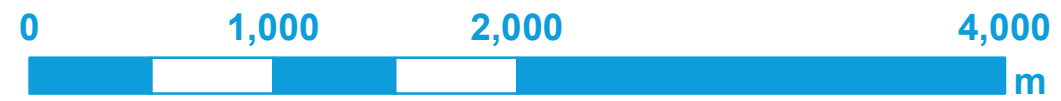
Key Plan



Legend

- Maidstone Borough Council boundary
- RoFSW 30-year extent
- RoFSW 100-year extent
- RoFSW 1,000-year extent

REF	Date	Comments
A	June 2020	-



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MAIDSTONE BOROUGH COUNCIL

SFRA: APPENDIX E
SURFACE WATER FLOOD RISK

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