



Site Ref: Wortwell - SN2036REV - Land Junc High Road & Low Road

Please refer to Main Report and Site Summary Table for further information on the datasets

South Norfolk  
Level 2 Strategic Flood Risk Assessment Update

All layers are automatically off

Level 2 SFRA Sites

South Norfolk District Council Boundary

Statutory Main Rivers

Detailed River Network

Topography- mAOOD

High : 20

Low : 10

Modelled Flood Zones

Modelled Flood Zone 3b

Modelled Flood Zone 3a

Modelled Flood Zone 2

EA Flood Map for Planning

Flood Zone 2

Flood Zone 3a

River Waveney flood model results

Flood Depth

3.3% AEP

1% AEP

1% AEP plus Higher Central CC

0.1% AEP

Depth (m)

0.00 - 0.15

0.15 - 0.3

0.3 - 0.6

0.6 - 0.9

0.9 - 1.2

>1.20

Flood Velocity

3.3% AEP

1% AEP

1% AEP plus Higher Central CC

0.1% AEP

Velocities (m/s)

0 - 0.25

0.25 - 0.5

0.5 - 1

1 - 2

Over 2.00

Flood Hazard

3.3% AEP

1% AEP

1% AEP plus Higher Central CC

0.1% AEP

Flood Hazard Rating

Caution

Dangerous for some

Dangerous for most

Dangerous for all

Risk of Flooding from Surface Water

RoFSW 3.3% AEP

RoFSW 1% AEP

RoFSW 0.1% AEP

1 in 1000 year-Flood Depth-m

0.00 - 0.15

0.15 - 0.30

0.30 - 0.60

0.60 - 0.90

0.90 - 1.20

> 1.20

1 in 1000 year-Velocity (m/s)

0.00 - 0.25

0.25 - 0.50

0.50 - 1.00

1.00 - 2.00

> 2.00

1 in 1000 year-Flood Hazard

Caution

Dangerous for some

Dangerous for most

Dangerous for all

Surface Water 1% AEP with 40% Climate Change

Environment Agency- Areas Susceptible to Groundwater Flooding

Percentage of 1km square at risk of groundwater flooding

< 25%

>= 25% <50%

>= 50% <75%

>= 75%

Environment Agency - Flood Warnings & Flood Alerts

Flood Warning Areas

Flood Alert Areas

Historic Flood Map

EA Historic Flood Map

Environment Agency - Reservoir Flooding

Reservoir Flood Extent- Dry Day

Reservoir Flood Extent- Wet Day

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JBA  
consulting

0 12.5 25 Meters

Figure- HHH-JBAU-XX-XX-MP-HM-0004-GeoPDF  
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