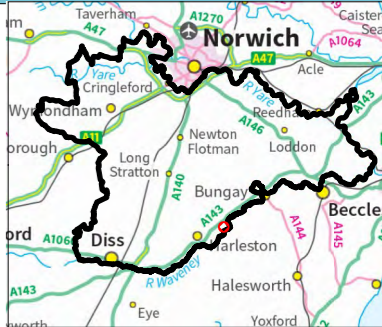




Site Ref: Wortwell - SN2036REV - Land Junc High Road & Low Road

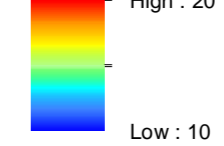
Please refer to Main Report and Site Summary Table for further information on the datasets

### South Norfolk Level 2 Strategic Flood Risk Assessment Update



- All layers are automatically off
- Legend**
- Level 2 SFRA Sites
  - South Norfolk District Council Boundary
  - Statutory Main Rivers
  - Detailed River Network

#### Topography- mAOD



#### 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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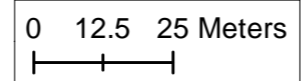


Figure- HHH-JBAU-XX-XX-MP-HM-0004-GeoPDF \_SN2036REV