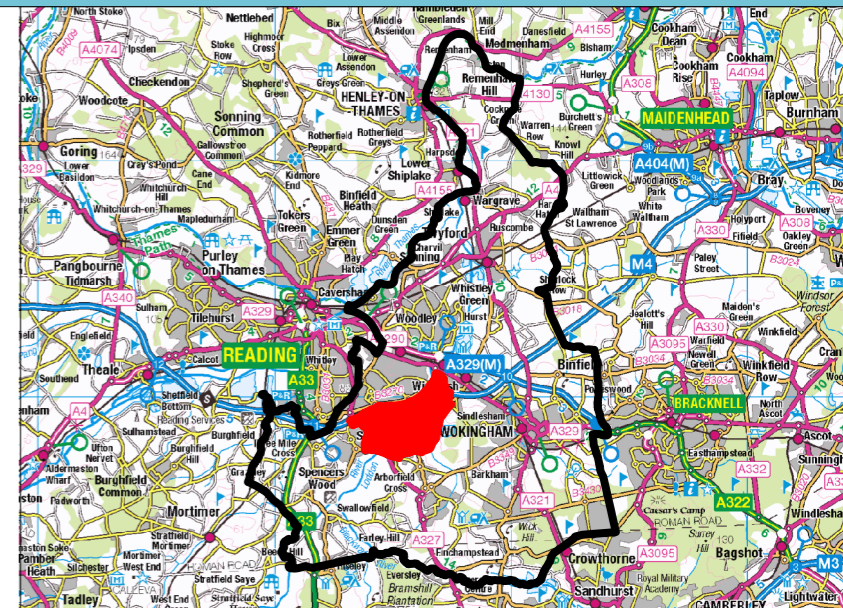


Site Ref: 5AR011

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

- All layers are automatically off
- Legend**
- Wokingham Borough Council boundary
  - Level 2 SFRA Sites**
    - 5AR011
  - Watercourses**
    - Main Rivers
    - All Watercourses
  - Fluvial Flood Zones**
    - Indicative Flood Zone 3b
    - Flood Zone 3b
    - Flood Zone 3a
    - Flood Zone 2
  - Fluvial Flood Extent with Climate Change**
    - Indicative 1% AEP plus climate change
  - Modelled Arborfield and River Loddon**
    - River Loddon-Flood Depth- 1% AEP plus 46% climate change
      - 0.00 - 0.15
      - 0.15 - 0.3
      - 0.30 - 0.60
      - 0.60 - 0.90
      - 0.90 - 1.20
      - >1.20
    - Arborfield- Flood Depth (m)- 1% AEP plus 40% climate change
      - 0.00 - 0.15
      - 0.15 - 0.3
      - 0.30 - 0.60
      - 0.60 - 0.90
      - 0.90 - 1.20
      - >1.20
    - River Loddon-Flood Velocity- 1% AEP plus 46% climate change
      - 0 - 0.25
      - 0.25 - 0.5
      - 0.5 - 0.75
      - >0.75
    - Arborfield-Flood Velocity (m/s)- 1% AEP plus 40% climate change
      - 0 - 0.25
      - 0.25 - 0.5
      - 0.5 - 0.75
      - >0.75
    - Arborfield-Flood Hazard- 1% AEP plus 40% climate change
      - Caution
      - Dangerous for some
      - Dangerous for most
      - Dangerous for all

## Wokingham Level 2 Strategic Flood Risk Assessment



- Risk of Flooding from Surface Water**
- Surface Water Extent
- 3.3% AEP
  - 1% AEP
  - 0.1% AEP
- Risk of Flooding from Surface Water plus climate change**
- Surface Water Depth (m)- 1% AEP plus 40% climate change
- 0.00 - 0.15
  - 0.15 - 0.3
  - 0.30 - 0.60
  - 0.60 - 0.90
  - 0.90 - 1.20
  - >1.20
- Surface Water Velocity (m/s)- 1% AEP plus 40% climate change
- 0 - 0.25
  - 0.25 - 0.5
  - 0.5 - 0.75
  - >0.75
- Surface Water Hazard- 1% AEP plus 40% climate change
- Caution
  - Dangerous for some
  - Dangerous for most
  - Dangerous for all
- Risk of Groundwater Flooding**
- JBA Groundwater Emergence Map (5m Resolution)
- Depth below ground surface
- =/-0.025m
  - 0.025m - 0.5m
  - 0.5m - 5m
  - =/5m+
  - No risk
- Risk of Flooding from Reservoirs**
- Risk of Reservoir flooding- Wet Day
  - Risk of Reservoir flooding- Dry Day
- Flood Defences**
- Natural High Ground
- Flood Mitigation**
- Flood Alert Areas
  - Flood Warning Areas
- Flood History**
- EA Historic Flood map