

Site Ref: 5WI004

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

Covert Farm

Wokingham Level 2 Strategic Flood Risk Assessment

All layers are automatically off

Legend

Wokingham Borough Council boundary

Level 2 SFRA Sites

R36

Watercourses

Main Rivers  
All Watercourses

Fluvial Flood Zones

Flood Zone 3b  
Flood Zone 3a  
Flood Zone 2

Modelled Emm Brook

Flood Depth (m)- 1% AEP plus 25% climate change

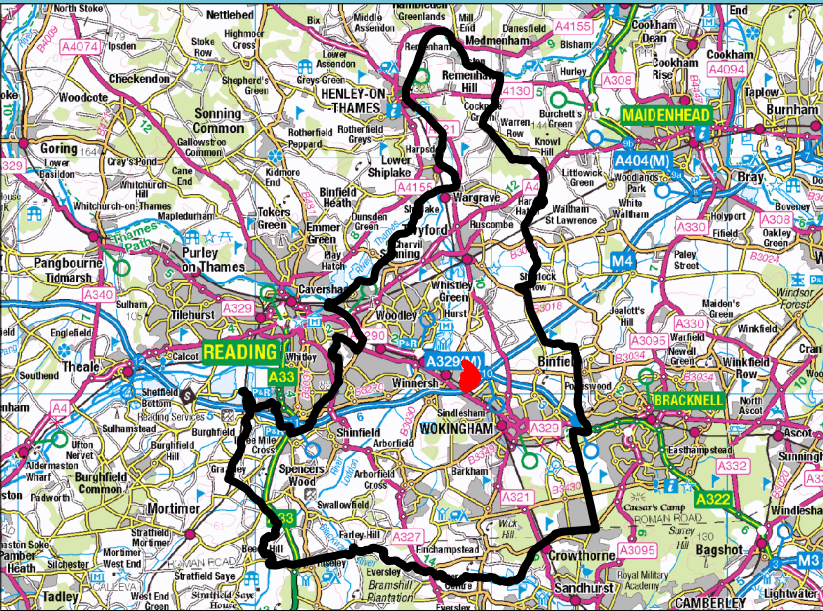
0.00 - 0.15  
0.15 - 0.3  
0.30 - 0.60  
0.60 - 0.90  
0.90 - 1.20  
>1.20

Flood Velocity (m/s)- 1% AEP plus 25% climate change

0 - 0.25  
0.25 - 0.5  
0.5 - 0.75  
>0.75

Flood Hazard- 1% AEP plus 25% climate change

Caution  
Dangerous for some  
Dangerous for most  
Dangerous for all



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