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		Watercourses	Pan
		Main Rivers	ble
		All Watercourses	Southen
		Fluvial Flood Zones	Aldern
		Flood Zone 3b	Aldern Wharf ston Padw
	0 / 0	Flood Zone 3a	Pamber Soke
		Flood Zone 2	Pamber Heath S
		Modelled Emm Brook and River Loddon	Risl Sur
	$\sim$ /	River Loddon-Flood	Surf
		Depth- 1% AEP plus 46% climate	
		change	
		Emm Brook- Flood	
		Depth (m)- 1% AEP plus 25% climate	Ris
		change	Sur plus
		0.00 - 0.15	Surf
		0.15 - 0.3	1%/
	3	0.30 - 0.60	char
		0.60 - 0.90	
		0.90 - 1.20	
		>1.20	
		River Loddon-Flood Depth- 1% AEP plus	
		46% climate	
		change	Surf
		Emm Brook-Flood Velocity (m/s)- 1%	(m/s
		AEP plus 25% climate	clim
		change	
		0 - 0.25	
		0.25 - 0.75	
		>0.75	
		Emm Brook-Flood	Surf
		Hazard- 1% AEP plus	AEF chai
		25% climate change Caution	
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Dangerous for all

### evel 2 Strategic Flood Risk Assessment



### sk of Flooding from rface Water

face Water Extent

- 3.3% AEP
- 1% AEP
- 0.1% AEP

#### k of Flooding from rface Water s climate change

face Water Depth (m)-AEP plus 40% climate nge

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

face Water Velocity s)- 1% AEP plus 40% ate change

- 0 0.25
- 0.25 0.5
- 0.5 0.75
- >0.75

face Water Hazard- 1% P plus 40% climate nge

- 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