

HATFIELD LAND,
WEST OF HATFIELD

QUICK STORAGE ESTIMATES
2018.08.06

1 in 1 year storm event

The screenshot shows the 'Quick Storage Estimate' software window with the 'Variables' tab selected. The window title is 'Quick Storage Estimate'. On the left is a navigation pane with 'Variables' highlighted. The main area contains the following settings:

Parameter	Value
FSR Rainfall	FSR Rainfall
Return Period (years)	1
Region	England and Wales
Map	M5-60 (mm)
M5-60 (mm)	20.000
Ratio R	0.430
Cv (Summer)	0.750
Cv (Winter)	0.840
Impemeable Area (ha)	40.050
Maximum Allowable Discharge (l/s)	100.5
Infiltration Coefficient (m/hr)	0.00000
Safety Factor	2.0
Climate Change (%)	0

Buttons at the bottom: Analyse, OK, Cancel, Help. A footer note reads: 'Enter Maximum Allowable Discharge between 0.0 and 999999.0'.

The screenshot shows the 'Quick Storage Estimate' software window with the 'Results' tab selected. The window title is 'Quick Storage Estimate'. On the left is a navigation pane with 'Results' highlighted. The main area displays the following text:

Global Variables require approximate storage of between 4987 m³ and 7470 m³.

These values are estimates only and should not be used for design purposes.

Buttons at the bottom: Analyse, OK, Cancel, Help. A footer note reads: 'Enter Maximum Allowable Discharge between 0.0 and 999999.0'.

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WEST OF HATFIELD

QUICK STORAGE ESTIMATES
2018.08.06

1 in 30 year storm event

The screenshot shows the 'Quick Storage Estimate' dialog box with the 'Variables' tab selected. The left sidebar contains buttons for 'Variables', 'Results', 'Design', 'Overview 2D', 'Overview 3D', and 'Vt'. The main area contains the following fields:

FSR Rainfall	[v]	Cv (Summer)	0.750
Return Period (years)	30	Cv (Winter)	0.840
Region	England and Wales [v]	Impemeable Area (ha)	40.050
Map	M5-60 (mm) 20.000	Maximum Allowable Discharge (l/s)	268.0
	Ratio R 0.430	Infiltration Coefficient (m/hr)	0.00000
		Safety Factor	2.0
		Climate Change (%)	0

Buttons at the bottom: Analyse, OK, Cancel, Help.

Footer: Enter Maximum Allowable Discharge between 0.0 and 999999.0

The screenshot shows the 'Quick Storage Estimate' dialog box with the 'Results' tab selected. The left sidebar contains buttons for 'Variables', 'Results', 'Design', 'Overview 2D', 'Overview 3D', and 'Vt'. The main area displays the following text:

Global Variables require approximate storage of between 10657 m³ and 14712 m³.

These values are estimates only and should not be used for design purposes.

Buttons at the bottom: Analyse, OK, Cancel, Help.

Footer: Enter Maximum Allowable Discharge between 0.0 and 999999.0

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QUICK STORAGE ESTIMATES
2018.08.06

1 in 100 year storm event + 40% climate change

The screenshot shows the 'Quick Storage Estimate' software window with the 'Variables' tab selected. The interface includes a sidebar with navigation options: Variables, Results, Design, Overview 2D, Overview 3D, and Vt. The main area contains the following input fields:

Variable	Value
FSR Rainfall	[Dropdown]
Return Period (years)	100
Region	England and Wales
M5-60 (mm)	20.000
Ratio R	0.430
Cv (Summer)	0.750
Cv (Winter)	0.840
Impemeable Area (ha)	40.050
Maximum Allowable Discharge (l/s)	377.3
Infiltration Coefficient (m/hr)	0.00000
Safety Factor	2.0
Climate Change (%)	40

Buttons at the bottom: Analyse, OK, Cancel, Help. A footer note reads: 'Enter Safety Factor between 1.0 and 50.0'.

The screenshot shows the 'Quick Storage Estimate' software window with the 'Results' tab selected. The main area displays the following text:

Global Variables require approximate storage of between 20993 m³ and 28076 m³.

These values are estimates only and should not be used for design purposes.

Buttons at the bottom: Analyse, OK, Cancel, Help. A footer note reads: 'Enter Safety Factor between 1.0 and 50.0'.