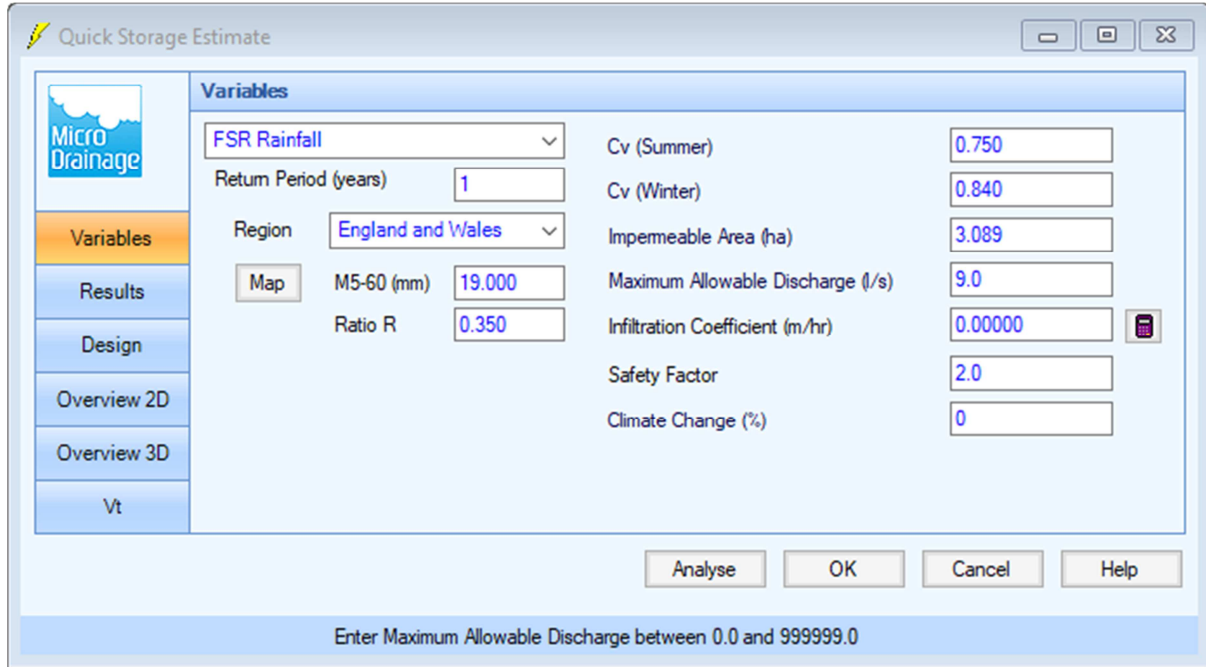


133647 – Drove Lane, Yapton
Quick Storage Estimates

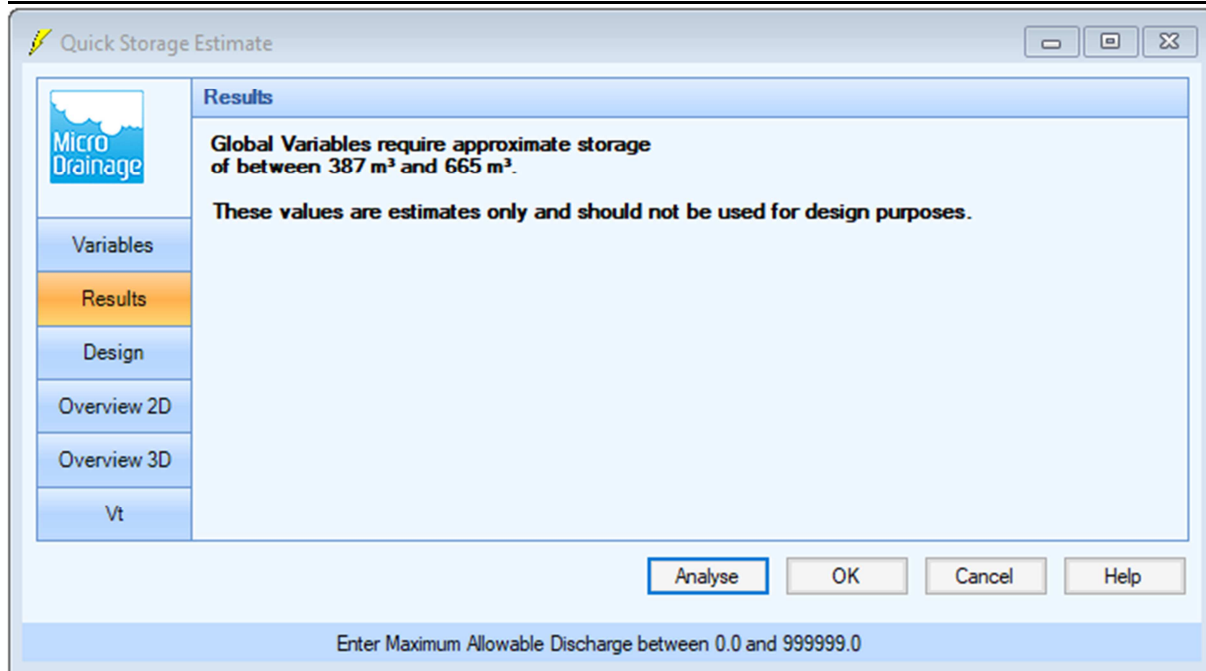
Discharge Rate – 9l/s (Q1 Year)

1 Year



The screenshot shows the 'Variables' tab of the 'Quick Storage Estimate' software. The left sidebar contains buttons for 'Variables', 'Results', 'Design', 'Overview 2D', 'Overview 3D', and 'Vt'. The main area is divided into two columns. The left column contains a dropdown for 'FSR Rainfall', a text box for 'Return Period (years)' with the value '1', a dropdown for 'Region' with 'England and Wales' selected, a 'Map' button, a text box for 'M5-60 (mm)' with '19.000', and a text box for 'Ratio R' with '0.350'. The right column contains text boxes for 'Cv (Summer)' (0.750), 'Cv (Winter)' (0.840), 'Impervious Area (ha)' (3.089), 'Maximum Allowable Discharge (l/s)' (9.0), 'Infiltration Coefficient (m/hr)' (0.00000), 'Safety Factor' (2.0), and 'Climate Change (%)' (0). At the bottom are 'Analyse', 'OK', 'Cancel', and 'Help' buttons. A status bar at the very bottom reads 'Enter Maximum Allowable Discharge between 0.0 and 999999.0'.

Variable	Value
FSR Rainfall	FSR Rainfall
Return Period (years)	1
Region	England and Wales
M5-60 (mm)	19.000
Ratio R	0.350
Cv (Summer)	0.750
Cv (Winter)	0.840
Impervious Area (ha)	3.089
Maximum Allowable Discharge (l/s)	9.0
Infiltration Coefficient (m/hr)	0.00000
Safety Factor	2.0
Climate Change (%)	0



The screenshot shows the 'Results' tab of the 'Quick Storage Estimate' software. The left sidebar is the same as the previous screen. The main area displays the following text: 'Global Variables require approximate storage of between 387 m³ and 665 m³.' and 'These values are estimates only and should not be used for design purposes.' At the bottom are 'Analyse', 'OK', 'Cancel', and 'Help' buttons. The status bar at the very bottom reads 'Enter Maximum Allowable Discharge between 0.0 and 999999.0'.

Global Variables require approximate storage of between 387 m³ and 665 m³.

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

30 Year



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Variables

FSR Rainfall

Return Period (years)

Region

Map

M5-60 (mm)

Ratio R

30

England and Wales

19.000

0.350

Cv (Summer)

Cv (Winter)

Impervious Area (ha)

Maximum Allowable Discharge (l/s)

Infiltration Coefficient (m/hr)

Safety Factor

Climate Change (%)

0.750

0.840

3.089

9.0

0.00000

2.0

0

Analyse

OK

Cancel

Help

Enter Cv between 0.100 and 1.000



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Results

Global Variables require approximate storage of between 1124 m³ and 1648 m³.

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

Analyse

OK

Cancel

Help

Enter Cv between 0.100 and 1.000

100 Year + 40% CC



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Variables

FSR Rainfall

Return Period (years) 100

Region England and Wales

Map

M5-60 (mm) 19.000

Ratio R 0.350

Cv (Summer) 0.750

Cv (Winter) 0.840

Impemeable Area (ha) 3.089

Maximum Allowable Discharge (l/s) 9.0

Infiltration Coefficient (m/hr) 0.00000

Safety Factor 2.0

Climate Change (%) 40

Analyse OK Cancel Help

Enter Area between 0.000 and 999.999



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Results

Global Variables require approximate storage of between 2394 m³ and 3324 m³.

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

Analyse OK Cancel Help

Enter Area between 0.000 and 999.999

Discharge Rate – 10.6l/s (QBar)

1 Year



Variables
Results
Design
Overview 2D
Overview 3D
Vt

Variables

FSR Rainfall

Return Period (years)

Region

Map

M5-60 (mm)

Ratio R

Cv (Summer)

Cv (Winter)

Impemeable Area (ha)

Maximum Allowable Discharge (l/s)

Infiltration Coefficient (m/hr)

Safety Factor

Climate Change (%)

1

England and Wales

19.000

0.350

0.750

0.840

3.089

10.6

0.00000

2.0

0

Analyse

OK

Cancel

Help

Enter Climate Change between -100 and 600



Variables
Results
Design
Overview 2D
Overview 3D
Vt

Results

Global Variables require approximate storage of between 357 m³ and 617 m³.

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

Analyse

OK

Cancel

Help

Enter Climate Change between -100 and 600

30 Year



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Variables

FSR Rainfall

Return Period (years)

Region

Map

M5-60 (mm)

Ratio R

Cv (Summer)

Cv (Winter)

Impervious Area (ha)

Maximum Allowable Discharge (l/s)

Infiltration Coefficient (m/hr)

Safety Factor

Climate Change (%)

30

England and Wales

19.000

0.350

0.750

0.840

3.089

10.6

0.00000

2.0

0

Analyse

OK

Cancel

Help

Enter Return Period between 1 and 1000



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Results

Global Variables require approximate storage of between 1064 m³ and 1571 m³.

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

Analyse

OK

Cancel

Help

Enter Return Period between 1 and 1000

100 Year + 40% CC



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Variables

FSR Rainfall

Return Period (years) 100

Region England and Wales

Map

M5-60 (mm) 19.000

Ratio R 0.350

Cv (Summer) 0.750

Cv (Winter) 0.840

Impervious Area (ha) 3.089

Maximum Allowable Discharge (l/s) 10.6

Infiltration Coefficient (m/hr) 0.00000

Safety Factor 2.0

Climate Change (%) 40

Analyse

OK

Cancel

Help

Enter Maximum Allowable Discharge between 0.0 and 999999.0



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Results

Global Variables require approximate storage of between 2279 m³ and 3186 m³.

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

Analyse

OK

Cancel

Help

Enter Maximum Allowable Discharge between 0.0 and 999999.0

Discharge Rate – 33.8l/s (Q100 Year)

1 Year



Variables

Results

Design

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Vt

Variables

FSR Rainfall

Return Period (years)

Region

Map

M5-60 (mm)

Ratio R

1

England and Wales

19.000

0.350

Cv (Summer)

Cv (Winter)

Impermeable Area (ha)

Maximum Allowable Discharge (l/s)

Infiltration Coefficient (m/hr)

Safety Factor

Climate Change (%)

0.750

0.840

3.089

33.8

0.00000

2.0

0

Analyse

OK

Cancel

Help

Enter Area between 0.000 and 999.999



Variables

Results

Design

Overview 2D

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Vt

Results

Global Variables require approximate storage of between 196 m³ and 365 m³.

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

Analyse

OK

Cancel

Help

Enter Area between 0.000 and 999.999

30 Year



VariablesResultsDesignOverview 2DOverview 3DVt

Variables

FSR Rainfall

Return Period (years)

Region

Map

M5-60 (mm)

Ratio R

Cv (Summer)

Cv (Winter)

Impervious Area (ha)

Maximum Allowable Discharge (l/s)

Infiltration Coefficient (m/hr)

Safety Factor

Climate Change (%)

0.750

0.840

3.089

33.8

0.00000

2.0

0

AnalyseOKCancelHelp

Enter Return Period between 1 and 1000



VariablesResultsDesignOverview 2DOverview 3DVt

Results

Global Variables require approximate storage of between 702 m³ and 1079 m³.

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

AnalyseOKCancelHelp

Enter Return Period between 1 and 1000

100 Year + 40% CC



Variables

Results

Design

Overview 2D

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Vt

Variables

FSR Rainfall

Return Period (years) 100

Region England and Wales

Map

M5-60 (mm) 19.000

Ratio R 0.350

Cv (Summer) 0.750

Cv (Winter) 0.840

Impervious Area (ha) 3.089

Maximum Allowable Discharge (l/s) 33.8

Infiltration Coefficient (m/hr) 0.00000

Safety Factor 2.0

Climate Change (%) 40

Analyse

OK

Cancel

Help

Enter Climate Change between -100 and 600



Variables

Results

Design

Overview 2D

Overview 3D

Vt

Results

Global Variables require approximate storage of between 1596 m³ and 2305 m³.

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

Analyse

OK

Cancel

Help

Enter Climate Change between -100 and 600