



25358 Land at Albany Drive, Copster Green, Ribble Valley, BB1 9ET

Greenfield runoff calculations

ICP SUDS Mean Annual Flood

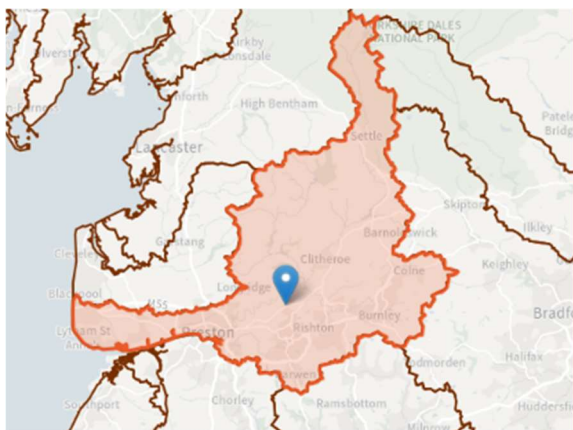
Input

Return Period (years)	100	Soil	0.450
Area (ha)	1.120	Urban	0.000
SAAR (mm)	1175	Region Number	Region 10

Results 1/s

QBAR Rural	9.0
QBAR Urban	9.0
Q100 years	18.8
Q1 year	7.8
Q30 years	15.3
Q100 years	18.8

Climate Change



1% annual exceedance rainfall event

Epoch	Central allowance	Upper end allowance
2050s	25%	40%
2070s	35%	50%

*Use '2050s' for development with a lifetime up to 2060 and use the 2070s epoch for development with a lifetime between 2061 and 2125.

This map contains information generated by Met Office Hadley Centre (2019): UKCP Local Projections on a 5km grid over the UK for 1980-2080. Centre for Environmental Data Analysis, 2022

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Attenuation Calculations

Quick Storage Estimate

Micro Drainage

Variables

FSR Rainfall Cv (Summer)

Return Period (years) Cv (Winter)

Region Impemeable Area (ha)

Map M5-60 (mm) Maximum Allowable Discharge (l/s)

Ratio R Infiltration Coefficient (m/hr)

Safety Factor

Climate Change (%)

Analyse OK Cancel Help

Enter Area between 0.000 and 999.999

Quick Storage Estimate

Micro Drainage

Results

Global Variables require approximate storage of 297 m³

Variables

Results

Design

Overview 2D

Overview 3D

Vt

Analyse OK Cancel Help

Enter Area between 0.000 and 999.999

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