



Simulation Settings

Rainfall Methodology	FSR	Summer CV	1.000	Drain Down Time (mins)	240
FSR Region	England and Wales	Winter CV	1.000	Additional Storage (m³/ha)	0.0
M5-60 (mm)	21.000	Analysis Speed	Normal	Check Discharge Rate(s)	x
Ratio-R	0.432	Skip Steady State	x	Check Discharge Volume	x

Storm Durations

15	60	180	360	600	960	2160	4320	7200	10080
30	120	240	480	720	1440	2880	5760	8640	

Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
1	0	0	0



Results for 1 year Critical Storm Duration. Lowest mass balance: 98.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX S9	9	23.809	0.019	1.1	0.0210	0.0000	OK
15 minute summer	EX S10	10	23.598	0.026	1.1	0.0291	0.0000	OK
15 minute summer	EX S11	10	23.617	0.167	11.6	0.1802	0.0000	OK
15 minute summer	2.000:50%	10	23.612	0.277	17.8	0.0000	0.0000	SURCHARGED
15 minute summer	EX S12	10	23.597	0.377	33.7	0.4264	0.0000	SURCHARGED
15 minute summer	TW 1372mm SEWER	1	23.446	1.372	33.5	0.0000	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	EX S9	1.000	EX S10	1.1	0.885	0.032	0.0092	
15 minute summer	EX S10	1.001	EX S12	1.1	0.100	0.032	0.0897	
15 minute summer	EX S11	2.000	2.000:50%	11.6	0.599	0.214	0.3779	
15 minute summer	EX S11	2.000	EX S12	17.6	0.442	0.325	0.4213	
15 minute summer	EX S12	1.002	TW 1372mm SEWER	33.5	0.843	0.340	1.2780	11.9