

P.O. Box 161
AD Arnhem
6800 Netherlands

Fiddler Ferry
SW Model
Eastern Development Site



Date 03/04/2023 16:23

Designed by lra76375

File

Checked by

XP Solutions

Source Control 2020.1.3

ICP SUDS Mean Annual Flood

Input

Return Period (years)	100	Soil	0.450
Area (ha)	46.726	Urban	0.000
SAAR (mm)	800	Region Number	Region 10

Results 1/s

QBAR Rural 240.0
QBAR Urban 240.0

Q100 years 499.2

Q1 year 208.8
Q30 years 406.9
Q100 years 499.2

P.O. Box 161 AD Arnhem 6800 Netherlands	Fiddler Ferry SW Model Eastern Development Site
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ICP SUDS Mean Annual Flood

Input

Return Period (years)	100	Soil	0.450
Area (ha)	46.726	Urban	0.250
SAAR (mm)	800	Region Number	Region 10

Results 1/s

QBAR Rural	240.0
QBAR Urban	346.9
Q100 years	639.5
Q1 year	301.8
Q30 years	552.3
Q100 years	639.5

P.O. Box 161 AD Arnhem 6800 Netherlands	Fiddler Ferry SW Model Western Development Site
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IH 124 Mean Annual Flood

Input

Return Period (years)	100	Soil	0.450
Area (ha)	72.436	Urban	0.750
SAAR (mm)	800	Region Number	Region 10

Results l/s

QBAR Rural	357.2
QBAR Urban	914.4
Q100 years	1438.5
Q1 year	795.6
Q2 years	934.2
Q5 years	1121.1
Q10 years	1208.1
Q20 years	1287.5
Q25 years	1308.0
Q30 years	1324.2
Q50 years	1366.3
Q100 years	1438.5
Q200 years	1538.6
Q250 years	1568.6
Q1000 years	1754.4

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IH 124 Mean Annual Flood

Input

Return Period (years)	100	Soil	0.450
Area (ha)	72.436	Urban	0.000
SAAR (mm)	800	Region Number	Region 10

Results l/s

QBAR Rural	357.2
QBAR Urban	357.2
Q100 years	742.9
Q1 year	310.7
Q2 years	332.7
Q5 years	425.0
Q10 years	492.9
Q20 years	561.5
Q25 years	585.8
Q30 years	605.6
Q50 years	660.8
Q100 years	742.9
Q200 years	842.9
Q250 years	875.1
Q1000 years	1085.8