

LLANBEDR DYFFRYN CLWYD

discharge

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river

pollutant

FE

mean upstream river flow

343

the 95-percentile low flow

74.6

mean discharge flow

2.17

standard deviation

0.72

mean u/s river quality

500

(241 - 759)

standard deviation

500

(319 - 669)

number of samples

12

mean discharge quality

1000

(637 - 1363)

standard deviation

700

(455 - 945)

number of samples

12

the 95-percentile

2315

(1602 - 4609)

the 99-percentile

3560

(2273 - 8724)

the 99.5-percentile

4167

(2575 - 11055)

INT

NPD

correlation: river and
discharge flow

0.6000

downstream target

1000

☐ calculate required
discharge quality

mean

M

☐ calculate impact of
input discharge quality

mean d/s river quality

1000

(623 - 1377)

standard deviation

727

(472 - 982)

number of samples

12

required discharge mean

52198

(33452 - 70944)

standard deviation

36159

(23479 - 48840)

number of samples

12

the 95-percentile

121055

(84335 - 238740)

the 99-percentile

187805

(121691 - 451465)

the 99.5-percentile

214249

(132549 - 565229)

correlation: river flow
and quality

0.0000

correlation: discharge
flow and quality

0.0000

MASS BALANCE: Monte Carlo

Calculations: 13 June 2025 at 06:54

old data - WORD

old data - EXCEL

old data - NOTE

new discharge

calculate

sensitivity

Excel

Word

Note

menu

quit

OUT