

Hydrological scenario	River discharge Q_r before dam breaching	Dam breach scenario		
		“Instantaneous” dam breaching	Breaching duration of 600 s	Breaching duration of 3600 s
Mean discharge	$3 \text{ m}^3 \text{ s}^{-1}$	$5.5 \times 10^4 \text{ m}^3 \approx 3.5 V_d$	$5.7 \times 10^4 \text{ m}^3 \approx 3.6 V_d$	$6.6 \times 10^4 \text{ m}^3 \approx 4.1 V_d$
20-year flood	$60 \text{ m}^3 \text{ s}^{-1}$	$5.8 \times 10^4 \text{ m}^3 \approx 3.7 V_d$	$9.1 \times 10^4 \text{ m}^3 \approx 5.7 V_d$	$2.7 \times 10^5 \text{ m}^3 \approx 17 V_d$
50-year flood	$120 \text{ m}^3 \text{ s}^{-1}$	$6.2 \times 10^4 \text{ m}^3 \approx 3.9 V_d$	$1.3 \times 10^5 \text{ m}^3 \approx 8.0 V_d$	$4.9 \times 10^5 \text{ m}^3 \approx 31 V_d$