

Avalanche size	Boundary condition	Lake-lowering		
		0 m	15 m	30 m
Large	Avalanche Mass–momentum	High discharge High discharge	High discharge High discharge	High discharge High discharge
Medium	Avalanche Mass–momentum	High discharge High discharge	High discharge Medium discharge	High discharge No discharge
Small	Avalanche Mass–momentum	High discharge Medium discharge	Medium discharge No discharge	No discharge No discharge