



*Supplement of*

## **Does peatland rewetting mitigate flooding from extreme rainfall events?**

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## Supplementary information

*Table S1. Characteristics of the four rainfall-runoff events shown in Figure 4 for the rewetted (R1 and R2) and control sites during the pre- and post-rewetting years.*

Site	Total rain (mm)	Peak flow (mm h <sup>-1</sup> )	Antecedent GWL (mm)
Pre-rewetting			
	37		
Control		0.29	-15
R1		0.93	-82
R2		0.54	-102
1 year post-rewetting			
	63		
Control		0.27	-35
R1		0.71	-24
R2		0.29	-85
2-years post-rewetting			
	53		
Control		0.22	-47
R1		0.61	-34
R2		0.37	-57
3-years post-rewetting			
	69		
Control		0.26	-19
R1		0.14	-5.1
R2		0.12	-40