





### The effect of peatland restoration on baseflow

Kate Bowers – Environment Agency

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Kate Bowers
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18 March 2015

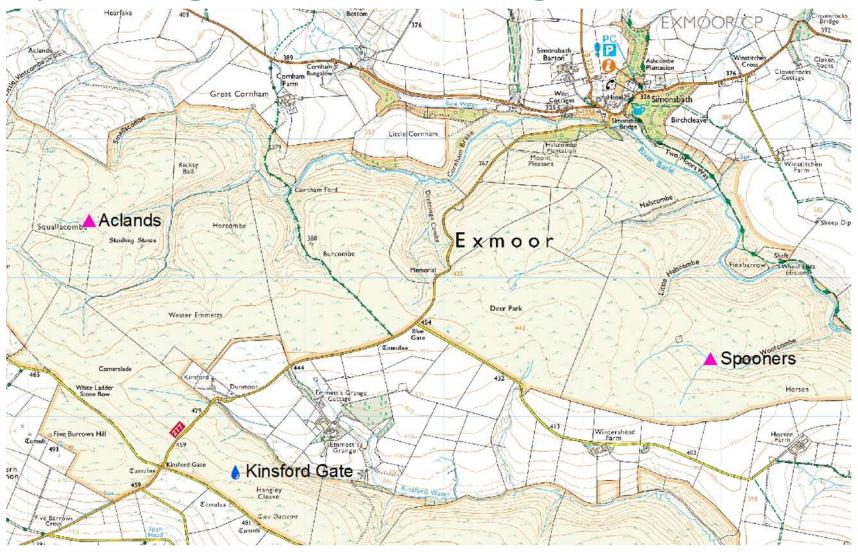


### The effect of peatland restoration on baseflow - introduction

- Monitoring
- Climatic context
- Hydrological response
- Quantifying the response
- **♦**Summary

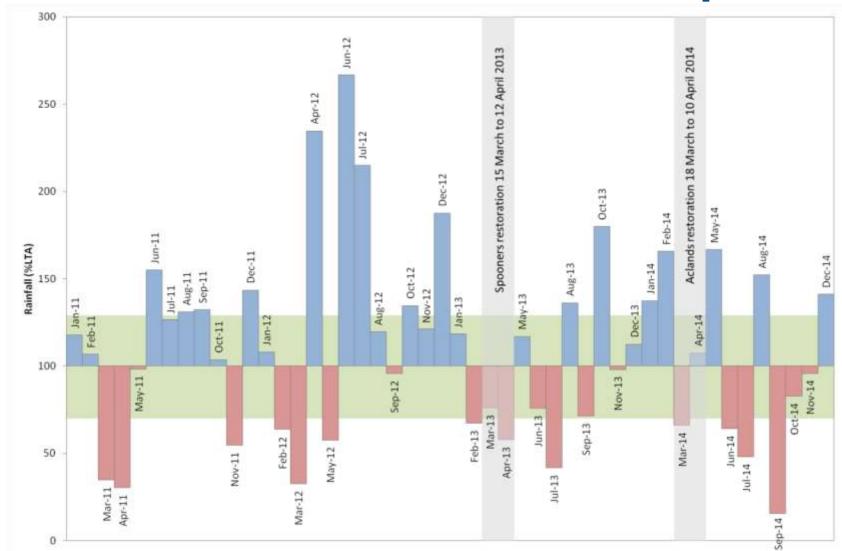


#### **Hydrological monitoring**



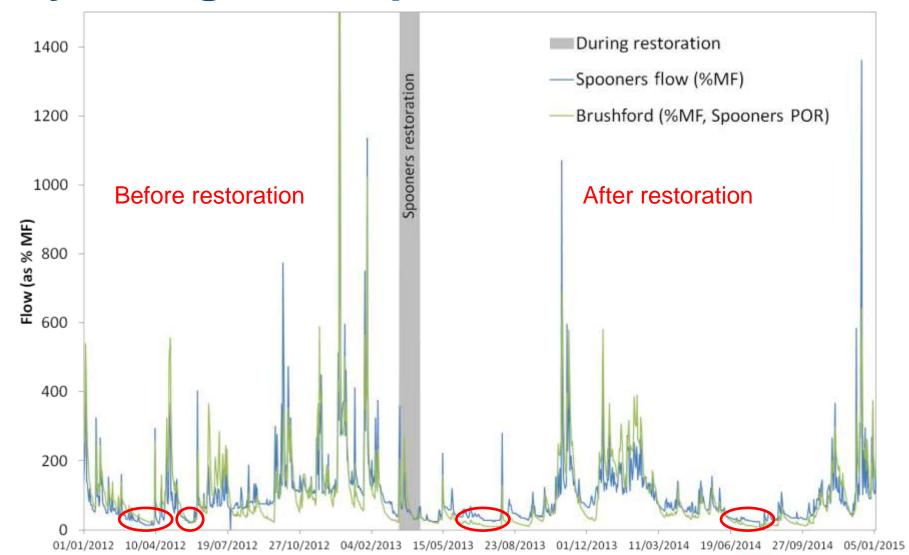


#### Rainfall context of restoration periods



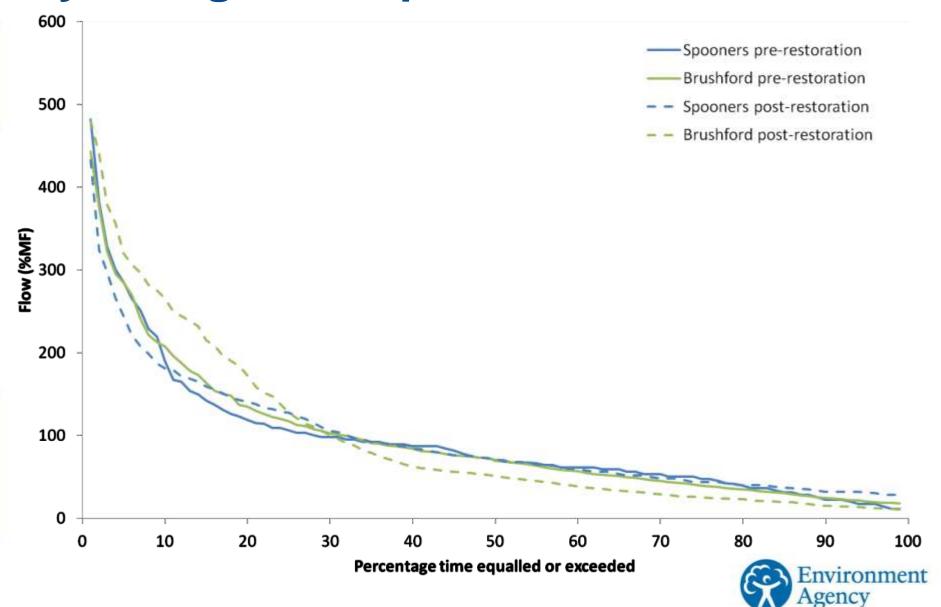


#### Hydrological response

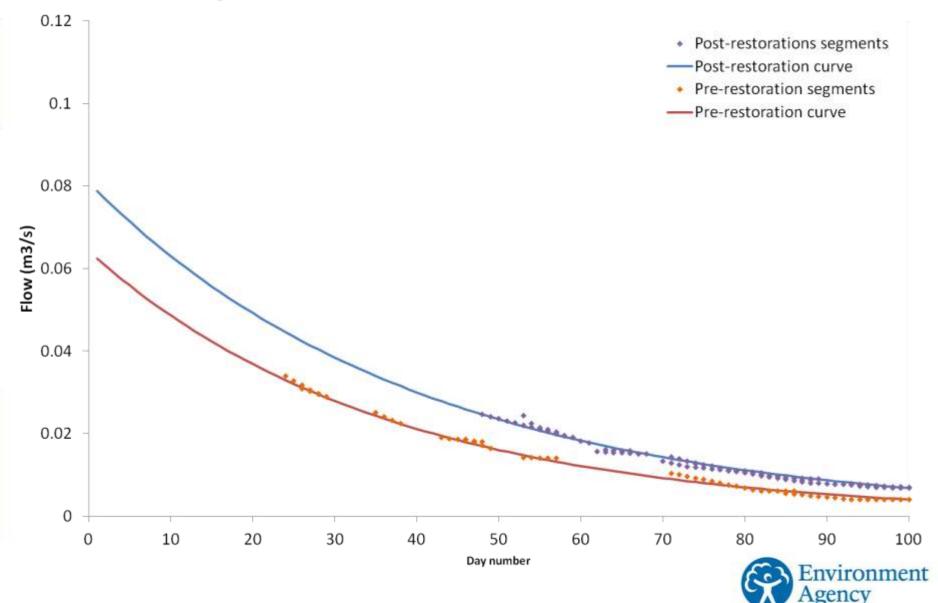




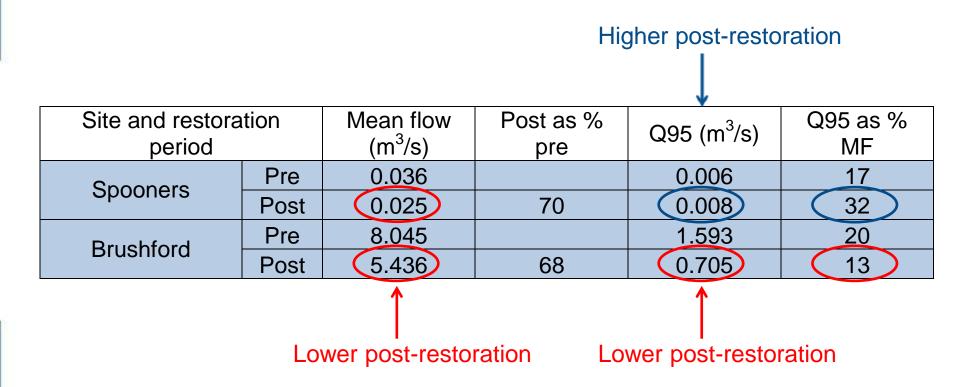
#### Hydrological response



#### Hydrological response



#### Quantifying the response





## The effect of peatland restoration on baseflow - summary

- Monitoring before, during and after restoration
- Analysis of effect on baseflow
- Increase in baseflow at Spooners
- Recession is less steep at Spooners
- More data is required at Aclands



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