



Wallingford HydroSolutions provides environmental consultancy and industry-standard hydrological software solutions for the water and environmental sectors

## Consultancy Services

### **Flooding**

Flood Risk Assessment services, BREEAM, Drainage and SUDS design

### **Environment**

Environmental Impact Assessments, aquatic ecology surveys and water quality monitoring and modelling

### **Water Resources and River Flows**

Hydrological modelling, flow monitoring

### **Windfarms and Hydropower**

CAR licence application support, Hydropower Potential Assessments, Environmental Impact Assessments

### **Field Services**

Meteorological, habitat and topography surveys

### **Hydrology Training Courses**

Introduction to Hydrology, Introduction to Flood Hydrology, Low Flows and Water Resources, Culvert Analysis

## Software

### **LowFlows 2**

Estimate the range of flows for any UK river. Alternatively we offer site-specific flow estimate reports

### **CatchmentsUK**

Automatically derive catchment boundaries

### **Hydra 2**

Estimate hydropower annual power generation

### **HydroTools**

A suite of hydrological tools for river flow data analysis

### **Flood Estimation Handbook and FEH CD-ROM 3**

UK flood estimation procedures, Catchment Descriptor and rainfall frequency data CD

### **WINFAP-FEH 3**

Implement FEH statistical procedures and estimate flood frequency curves for gauged and ungauged sites. We also provide site-specific flow estimate reports

### **ReFH**

Estimate peak flows using rainfall-runoff methods. Imports and stores observed hydrometric data

### **Software Training Courses**

WINFAP-FEH 3, ReFH, Low Flows and Water Resources

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