

## Monthly Maximum Instantaneous River Flows [WISKI] (AfA187)

### Dataset Description

Monthly Maximum Instantaneous Flows is an extract from the WISKI database. WISKI holds hydrometric time series data (river level, flow, groundwater, rainfall and climate together with some water quality) including quality controlled 15 minute measurements of river flow for approximately 1400 open gauging stations in England and Wales with some records dating back as far as 1903. Automatic measurements of level (m) or flow (m<sup>3</sup>/s) are transferred from the field via telemetry and other means to internal and external systems. The 15 minute measurements of flow in WISKI are used to generate Monthly Maximum Instantaneous River Flows, as well as other summary time series.

**Price Category: High**

Attribute Name	Attribute Description
Md:Publisher	Who is transferring the data, in this case "Environment Agency". [This field is included since it adheres to the standard used in WISKI, the field may be updated if supplied externally].
Source	System from which the data originates i.e. WISKI
Description	Description of process i.e. test
Date	Date file created
Time	Time file created
Identifier	Server name
Station reference	Reference based on combination of letters and numbers [unique identifier]
Region	Agency Region in which site is located
NGR	British National Grid reference
River Name	Name of river on which site is located
Station name	Name of station from WISKI system
Values/Parameters	i.e. flow
Qualifier	More detailed meta data relating to the value/parameter above i.e. logged, or type of gauge
Data type	Definition of data (equals maximum in this instance)
Period	Time interval of measurement i.e. month
Units	Measurement units i.e. m <sup>3</sup> /s
Start Date	Date of first parameter in file
Start Time	Time of first parameter in file
End Date	Date of last parameter in file
End Time	Time of last parameter in file (may be identified as 'last collected result' on the screen if transferred data is uploaded to the web-site automatically)