Environment Agency

Real-Time and Near Real-Time River Flow Data [England] (AfA305)

Dataset Description

Measurements of river flow are calculated directly using automatic field devices, usually every 15 mins, or by measuring river level.

Estimates of flow and level are transferred to the telemetry system at different intervals varying between every 15 minutes and daily in response to local conditions at a particular time.

Real-time or near real-time river flow information is available for river gauging stations throughout England. Currently Wales data is also included in this feed and the customer must obtain a separate licence from National Resource Wales.

Real-Time and Near Real-Time River Level Data is available under AfA104.

Price Category: Medium

Attribute Name	Attribute Description
EA Time Series Data Exchange Format xmlns	Format used to transfer data
Xmlns:md	Location of definitions used in XML transfer file
xmlns:xsi	Version of schema used to transfer data
Xsi:schema location	Location of version of schema used to transfer data
Publisher	Who is transferring the data, normally the Environment Agency
Source	System from which the data originates i.e. North East Telemetry System
Description	Description of process i.e. automated telemetry data export
Creator	Telemetry system and software
Date	Date file created
Time	Time file created
Identifier	Server name
Station reference	Reference based on combination of letters and numbers [unique identifier]
Region	Environment 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 Telemetry system
Values/Parameters	Flow (in this feed)
Qualifier	More detailed metadata relating to the value/parameter above i.e. logged, or type of gauge
Data type	Definition of data i.e. instantaneous
Period	Time interval of measurement i.e. every 15 mins
Units	Measurement units i.e. meters
Start Date	Date of first parameter in file
Start Time	Time of first parameter in file

Attribute Name	Attribute Description
End Date	Date of last parameter in file
End Time	Time of last parameter in file