Real-Time River Levels

(Simplified version)

Description

Measurements of the height (m) of water in a river taken using automatic field devices, usually every 15 minutes, and transferred via telemetry to internal and external systems in, or close to real time.

This data may be transferred to these systems or users at different intervals based on our operational need for the data, varying, for example, from once per day during normal conditions to several times per day during a flood event.

Real-time or near real-time river level information is available for 1,400 river gauging stations (where flow is also measured) and river level only monitoring sites throughout England and Wales.

Guidance on use of data

- This data will be OpenData between 16th February to 15th May in response to continued winter flooding incidents.
- This data is needed in real-time or near real-time. Consequentially customers are updated at frequent intervals.
- All readings are in Greenwich Mean Time, all year.
- Please refer to the Hydrometric Data Feed User Manual when using this data.
- The data is derived from the EA Time Series XML schema, but has been turned into a simplified Tab Separated File for the short term, this will be replaced with an API in the coming weeks.

Attributes

Time	Time of Measurement
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
Station name	Name of station from Telemetry system
Parameter	i.e. flow, rainfall, water level
Qualifier	More detailed meta data relating to the value/parameter above i.e. logged, or type of gauge
Units	Measurement units i.e. meters
Value	The measurement itself.

21 February 2014. PW.