Environment Agency Flood

The Environment Agency provides constant monitoring of stations and forecasted flooding from rivers or seas in the United Kingdom to create flood warning and alerts.

Coverage area & data available
- Three levels of alerts/warning for United Kingdom flood events
- Historical data through 2022

Update frequency
The data is monitored every 15 minutes with a typical update of once or twice per day.

Enhanced columns
We enhance your data with one or two columns based on user selections that you can view and filter by:

- Flood Alert Areas (Environment Agency) [Date/Time]
- Flood Warning Areas (Environment Agency) [Date/Time]

What the data means
Flood data provides a score of 1, 2, or 3 which translate to the following alerts/warnings:

1. Severe flood warning: Severe flooding. Danger to life.
2. Flood warning: Flooding expected. Immediate action required.
3. Flood alert: Flooding possible. Be prepared.

Exported Columns
The models you enhanced your data with will be available in exported CSV files as:

- EA UK Flood Alert [Date]
- EA UK Flood Warning [Date]

When you download your enhanced data, look for the columns that start with the "Provider Name", then the "Peril Name", and ending with the date. For example, "EA UK Flood Alert uk_flood_20220401_alert_3".

Learn more about Environment Agency at
https://environment.data.gov.uk/flood-monitoring/doc/reference