

# NATIONAL RIVER FLOW ARCHIVE

## WINFAP-FEH DATA FILES VERSION 3.3.4

### NOTE ON CHANGES FROM V3.3.2

RELEASE DATE: 07 AUGUST 2014

---

Version 3.3.4 of the WINFAP-FEH files is the latest public update since v.3.3.2 (April 2014) and is the first version provided directly from the NRFA database.

#### 1 Current Status of WINFAP-FEH files (v3.3.4)

V3.3.4 contains AMAX and POT data for 963 gauging stations, of which 657 are in England, 106 are in Wales, 155 are in Scotland and 45 are in Northern Ireland. A total of 567 stations are currently recommended for use in FEH pooling groups ('Suitable for Pooling'), 286 stations are 'Suitable for QMED' and 110 stations are 'Suitable for Neither'.

#### 2 Changes Since v3.3.2

A small number of changes have been made to the peak flow data, indicative suitabilities and record lengths indicated in the WINFAP-FEH files since v3.3.2. These limited changes were to address specific errors identified by users. While alterations to flow data in this update are limited, most station files will differ slightly from those provided in v3.3.2 as this is the first export direct from the NRFA database. Where gauging station metadata from HiFlows-UK has been integrated into the NRFA, these changes will be reflected in the new WINFAP-FEH files. For example: some stations names and/or grid references may have changed due to the merger of the HiFlows-UK and NRFA metadata holdings. Integration of some metadata is ongoing and therefore further changes are anticipated in the future.

##### 2.1 Removal and Addition of Gauging Stations

No stations have been added or removed in v3.3.4 of the WINFAP-FEH files. See the release note for v3.3.2 for the most recent changes.

##### 2.2 Changes to Stage-discharge Ratings

Ratings have been corrected for the following stations:

NRFA Station	River	Station Name	Measuring Authority	Comment
57014	Rhymney	Bargoed	Natural Resources Wales	Correction of offsets for all limbs
76811	Dacre Beck	Dacre Bridge	Environment Agency	Correction of offsets for all limbs

##### 2.3 Changes to Indicative Suitability Flags

Suitability flags have been corrected for the following stations:

NRFA Station	River	Station Name	Measuring Authority	Comment
69048	Tame	Uppermill	Environment Agency	Corrected from 'Suitable for Pooling' to 'Suitable for QMED'

## 2.4 Changes to Peak Flow Data

Significant periods of peak flow data have been corrected for the following stations/periods:

NRFA Station	River	Station Name	Measuring Authority	Period of Data Corrected
67015	Dee	Manley Hall	Natural Resources Wales	11/12/1997 – 27/09/2012
68021	Arrowe Brook	Acton Lane	Environment Agency	01/10/2006 – 25/09/2012
69022	Irwell	Irwell Vale	Environment Agency	12/02/1996 – 25/09/2012
69046	Bradshaw Brook	Bradshaw Tennis Club	Environment Agency	10/10/2000 – 26/09/2012
69047	Roch	Littleborough	Environment Agency	09/12/1993 – 25/09/2012

## 3 Other Issues

### 3.1 Flood Peak Series from Combined Sites

No changes have been made to these in v3.3.4 of the WINFAP-FEH files. See the release note for v3.3.2 for the most recent changes.

### 3.2 Stations Where No POT Data are Presented

No changes have been made to the stations where no POT data are presented. See the release note for v3.3.2 for the most recent list of stations.

### 3.3 Stations that the NRFA Treats as a Combined Sites

No changes have been made to the stations that the NRFA treats as combined sites. There are a number of records originating from HiFlows-UK where the NRFA and/or measuring authority treat the gauging station as a combined site. The peak flow data may be derived from only one component of the combined dataset and as such the source for the POT and AMAX data may not be the same as that presented for the daily flow record. These sites include: 30005 (Witham at Saltersford Total), 31002 (Glen at Kates Bridge & King St Bridge), 31004 (Welland at Tallington Total), 32007 (Nene/Brampton at St Andrews Total), 33037 (Bedford Ouse at Newport Pagnell Total), 34006 (Waveney at Needham Mill).

---