



# Metadata

## Dutch streams



Exported from the Freshwater Biodiversity Data Portal, <http://data.freshwaterbiodiversity.eu>  
Visit the Freshwater Metadatabase, [http://data.freshwaterbiodiversity.eu/metadb/about\\_metadata](http://data.freshwaterbiodiversity.eu/metadb/about_metadata)

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### General information

**name of the dataset:**

full name of the dataset: *Dutch streams*

**type of dataset ([more information](#)):** *species (taxonomic group) per site database including environmental information*

data type: *point data/observation data*

**science keywords according to [GCMD](#):**

topic: *Biosphere, Biological Classification, Terrestrial Hydrosphere*

keywords: *Macro Invertebrates, aquatic fauna, rivers*

**ISO topic category according to [ISO 19115](#):**

*Biota, Inland Waters*

## Technical and administrative specifications

**data format:** *others/specify*  
others/details: *Access, special software*  
**operating system:** *Win XP*  
**current access level:** *others/specify*  
currently available through [GBIF](#): *no*  
exchange planned: *no*  
**update level:** *completed*  
**documentation:**  
others/details: *no documentation*

**Do you plan to publish the data on the Freshwater Biodiversity data portal:**

**contact details:**

metadata contact person:

first, last name: *Martin van den Hoorn*  
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technical contact person:

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**comments:** *[Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=5&id2=77) by the BioFresh team.]*

## Intellectual property rights and citation

(if the database is already published):

**dataset creator (data compiler):**

**data contributors to/owners of this dataset:**

*single*

criteria for using the data in a publication/scientific analysis:

*The dataset needs to be requested from dataset creator with specific conditions of use.*

other/additional criteria:

*Data can only be used after consulting the owner.*

**citation of this dataset:**

title:

*<http://www.wiser.eu> - Water Bodies in Europe: Integrative Systems to assess Ecological status and Recovery (Version \*\*).*

year:

*year of access*

version (if applicable):

*version number from website*

**citation of the metadata:**

## General data specifications

### regional coverage of the dataset:

scale of the dataset: *national*  
continents: *Europe*

### spatial extend (bounding coordinates):

southernmost latitude [°]: *50.713270*  
northernmost latitude [°]: *53.736915*  
westernmost longitude [°]: *3.359863*  
easternmost longitude [°]: *7.257324*  
minimum altitude: *887 metres*  
maximum altitude: *-7 metres*  
countries: *Europe: Netherlands*

## Site specifications

### coordinate system/grid data:

#### site coding:

site coding available:	yes
	<i>alphanumerical</i>
number of digits:	15
example:	<i>HALSCHE BEEK 01</i>
<b>number of sites:</b>	<i>100 - 1000</i>
exact number of sites:	<i>467</i>

## Climate and environmental data

**climate related data:**

**environmental data:**

**physico-chemistry data:** *total P, ortho P, nitrate, total N, ammonium, alkalinity, water temperature, pH, conductivity*

other physico-chemical parameters *chloride (74%), total Kjeldahl nitrogen (64%), sulfate (62%), oxygen saturation (51%), magnesium (41%), potassium (41%) sodium (40%), bicarbonate (34%)*

## Biological data

### biological data origin:

organism group addressed: *macro-invertebrates*

## Sample specifications/sample resolution

### macro-invertebrates:

#### **sample information:**

covered timeframe:

year from - to: 1980 - 1998

season: *spring, summer, autumn, winter*

**taxonomic resolution:** *order, family, genus, species*

percentage of species level data: 65

#### **taxonomic coding:**

coding system: *DutchCoding*

**sample specifications:** *quantitative (abundance data)*

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## Other specifications

### GIS layers, shapes related to the dataset:

*no data available*

availability of photos: *no*

availability of maps: *no*

quality control procedures: