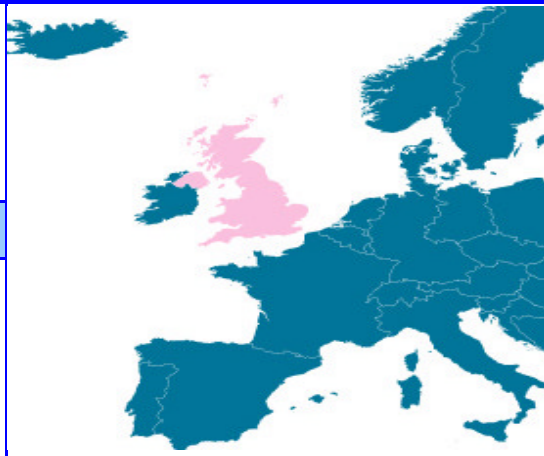


INFOHYDRO

United Kingdom

Hydrological observation in the country are largely undertaken by Centre for Ecology and Hydrology



The following information pertaining to:

Centre for Ecology and Hydrology

Preliminary information

Pluviographs - Continuous Precipitation Recording

Daily Precipitation

Evaporation

Stage non-recording

Stage recording

Discharge non-recording

Discharge recording

Groundwater

Sediment

Water quality

Percentage of coverage represented by these data:

N/A

Last update:

23/05/2006

Preliminary information

United Kingdom

Main unit of institution name (*Base name of an institution, usually the name of the governing body*)

Centre for Ecology and Hydrology

Subordinate unit of institution name (*Part of a name of an institution that defines a subdivision or department or unit of the institution*)

CEH Wallingford

Abbreviated name

As above

Full mailing address (*of the Institution*)

CEH Wallingford, Crowmarsh Gifford, Wallingford, Oxfordshire, OX10 8BB, United Kingdom

Full location address (*of the Institution*). Indicate only if not the same then mailing address

Telephone number (*Central operator*)

+44 (0) 1491 838800

Telefacsimile number (*Central operator*)

+44 (0) 1491 692424

Electronic mail identifier (*E-mail address*)

tm@ceh.ac.uk

Host system network address (*Web site address*)

www.ceh.ac.uk

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Preliminary information		United Kingdom
Protocol options (<i>Code, word or phrase that specifies capabilities that are supported by a service provider ; "yes" -If activity undertaken - "no" otherwise</i>)	General Hydrology	no
	Hydropower	no
	Agriculture	no
	Water supply	no
	Flood control	no
	Pollution control	no
	Navigation	no
	Others (<i>please specify</i>)	
Coverage	National (<i>if not leave blank</i>)	no
	Other (Regional, State, Province...)	Other
Types of stations operated	Hydrometric	no
	Groundwater	no
	Climate	no
	Snow	no
	Lake levels	no
	Glaciers	no
	Estuaries	no
	Ice thickness	no
	Soil Moisture	no
	Sediment	no
	Water quality	no
Bio diversity	no	
Geographical Descriptors	Area of country or region (State) (<i>km²</i>)	242427
	Mean Annual Precipitation (<i>mm</i>)	1083
	Standard Deviation of Annual Precipitation (<i>mm</i>)	104
	General climate (<i>Tropical,sub-tropical, Arid, semi-arid, temperate etc...</i>)	Temperate

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Pluviographs - Continuous Precipitation Recording		United Kingdom
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		1400
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	
	5 years to 10 years	
	11 years to 30 years	
	Greater than 30 years	
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	
	Radio	
	Satellite	
	Others (<i>Please specify and give number operating</i>)	
Method used to estimate precipitation (<i>Number of sites currently operating</i>)	Tipping Bucket	
	Siphon	
	Others (<i>Please specify and give number operating</i>)	
Number of radar stations located in the country (<i>Number of sites</i>)		12
Date that this information was last updated (<i>month and year</i>)		05-2006
Are the data: Available in an electronic medium (<i>yes or no</i>)		Yes
Stored in a database (<i>yes or no</i>)		Yes

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Daily Precipitation		United Kingdom
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		3300
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	760
	5 years to 10 years	700
	11 years to 30 years	1380
	Greater than 30 years	460
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	
	Radio	
	Satellite	
	Post/Collected	
	Others (<i>Please specify and give number operating</i>)	
Date that this information was last updated (<i>month and year</i>)		05-2006
Are the data: Available in an electronic medium (<i>yes or no</i>)		Yes
Stored in a database (<i>yes or no</i>)		Yes

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Evaporation		United Kingdom
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	no
	Other (<i>Regional, State, Province...</i>)	
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	
	5 years to 10 years	
	11 years to 30 years	
	Greater than 30 years	
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	
	Radio	
	Satellite	
	Post/Collected	
	Others (<i>Please specify and give number operating</i>)	
Method used to estimate evaporation (<i>Yes -If activity undertaken- No, otherwise</i>)	Direct measurement	no
	Indirect calculation	yes
Date that this information was last updated (<i>month and year</i>)		
Are the data: Available in an electronic medium (<i>yes or no</i>)		
Stored in a database (<i>yes or no</i>)		

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Stage non-recording		United Kingdom
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		
Number of sites at which measurements are taken (<i>Number of sites currently operating</i>)		50
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	no
	Other (<i>Regional, State, Province...</i>)	
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	
	5 years to 10 years	
	11 years to 30 years	
	Greater than 30 years	
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	
	Post/Collected	
	Others (<i>Please specify and give number operating</i>)	
Method used to estimate stage (<i>Yes -If activity undertaken. -No- otherwise</i>)	Gauge-board	yes
	Others (<i>Please specify</i>)	
Date that this information was last updated (<i>month and year</i>)		
Are the data: Available in an electronic medium (<i>yes or no</i>)		Yes
Stored in a database (<i>yes or no</i>)		Yes

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Stage recording		United Kingdom
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		Generally 15 minutes (some 30 minutes)
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		1900
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Specify if Regional, State, Province...</i>)	
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	
	5 years to 10 years	
	11 years to 30 years	
	Greater than 30 years	
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	
	Radio	
	Satellite	
	Post/Collected	
	Others (<i>Please specify and give number operating</i>)	
Method used to estimate stage (<i>Yes -If activity undertaken. -No- otherwise</i>)	Gauge-board	yes
	Float Well	yes
	Gas-pressure	no
	Others (<i>Please specify</i>)	Pressure transducers
Date that this information was last updated (<i>month and year</i>)		05-2006
Are the data: Available in an electronic medium (<i>yes or no</i>)		Yes
Stored in a database (<i>yes or no</i>)		Yes

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Discharge non-recording		United Kingdom
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		Instantaneous
Number of sites at which measurements are taken (<i>Number of sites currently operating</i>)		1300
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	
	5 years to 10 years	
	11 years to 30 years	
	Greater than 30 years	
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	
	Post/Collected	
	Others (<i>Please specify and give number operating</i>)	
Method used to determine stage (<i>Yes -If activity undertaken- No, otherwise</i>)	Direct measurement (<i>Gauge Boards</i>)	no
	Indirect calculation	no
Method used to estimate discharge (<i>Yes -If activity undertaken. -No- otherwise</i>)	Rating Curve	no
	Others (<i>Please specify</i>)	
Date that this information was last updated (<i>month and year</i>)		
Are the data: Available in an electronic medium (<i>yes or no</i>)		
Stored in a database (<i>yes or no</i>)		

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Discharge recording		United Kingdom
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		Generally either 15 or 30 minutes
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		1450
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	70
	5 years to 10 years	90
	11 years to 30 years	490
	Greater than 30 years	760
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	
	Radio	
	Satellite	
	Post/Collected	
	Others (<i>Please specify and give number operating</i>)	
Method used to determine stage (<i>Yes -If activity undertaken- No, otherwise</i>)	Gauge-board	no
	Float Well	no
	Gas-pressure	no
	Others (<i>Please specify</i>)	
Method used to estimate discharge (<i>Yes -If activity undertaken- No,</i>	Rating Curve	yes
	Others (<i>Please specify</i>)	>90 ultrasonic gauging stations are operational
Date that this information was last updated (<i>month and year</i>)		05-2006
Are the data: Available in an electronic medium (<i>yes or no</i>)		Yes
Stored in a database (<i>yes or no</i>)		Yes

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Groundwater		United Kingdom
Recording frequency	Non-continuous	3400
	Continuous	100
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		3500
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	850
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	800
	5 years to 10 years	1300
	11 years to 30 years	550
	Greater than 30 years	
Date that this information was last updated (<i>month and year</i>)		05-2006
Are the data: Available in an electronic medium (<i>yes or no</i>)		Yes
Stored in a database (<i>yes or no</i>)		Yes
Are water quality data taken (<i>yes or no</i>)		

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Water quality		United Kingdom
Data routinely measured (Yes -if activity undertaken. -No- otherwise)	Water Temperature	yes
	Air Temperature	no
	pH	yes
	Specific Conductivity	yes
	Dissolved Oxygen	yes
	Turbidity	yes
	Major ions	yes
	Metals	yes
	Organics	yes
	Pesticides	yes
	Herbicides	yes
	Mercury	yes
	Phenols	yes
	Nutrients	yes
BOD & COD	yes	
POPs	yes	
Others (Please specify)		
Number of sites at which recordings are taken (Number of sites currently operating)		200
Level of responsibility for national coverage (Yes if "National" or specify "Other" but not both)	National (if not leave blank)	yes
	Other (Regional, State, Province...)	
Tabular information on the number of stations operated for different time periods (Number of sites currently operating)	Less than 5 years	
	5 years to 10 years	
	11 years to 30 years	20
	Greater than 30 years	180
Date that this information was last updated (month and year)		05-2006
Are the data: Available in an electronic medium (yes or no)		Yes
Stored in a database (yes or no)		Yes