

INFOHYDRO

Barbados

Hydrological observation in the country are largely undertaken by the following entities:

[Barbados Water Authority](#)

The following information pertaining to:

[Barbados Water Authority](#)

[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

N/A

Last update:

02/05/2006

Preliminary information

Barbados

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

Barbados Water Authority

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

Engineering

Abbreviated name

BWA

Full mailing address (*of the Institution*)

Pine, St. Michael, Barbados, West Indies

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

Telephone number (*Central operator*)

(246)-228-0850

Telefacsimile number (*Central operator*)

(246)-228-0858

Electronic mail identifier (*E-mail address*)

john.mwansa@bwa.bb

Host system network address (*Web site address*)

Not available

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Preliminary information		Barbados
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	yes
	Hydropower	no
	Agriculture	no
	Water supply	yes
	Flood control	no
	Pollution control	yes
	Navigation	no
	Others (<i>please specify</i>)	sewerage services
Coverage	National (<i>if not leave blank</i>)	yes
	Other (Regional, State, Province...)	
Types of stations operated	Hydrometric	no
	Groundwater	yes
	Climate	no
	Snow	no
	Lake levels	no
	Glaciers	no
	Estuaries	no
	Ice thickness	no
	Soil Moisture	no
	Sediment	no
	Water quality	yes
	Bio diversity	no
Geographical Descriptors	Area of country or region (State) (<i>km²</i>)	430
	Mean Annual Precipitation (<i>mm</i>)	1422
	Standard Deviation of Annual Precipitation (<i>mm</i>)	
	General climate (<i>Tropical,sub-tropical, Arid, semi-arid, temperate etc...</i>)	Tropical

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Daily Precipitation

Barbados

Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		40
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>)	By watershed
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	40
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	40
	Others (<i>Please specify and give number operating</i>)	
Date that this information was last updated (<i>month and year</i>)		12-2005
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		Barbados
Recording frequency	Non-continuous	23
	Continuous	
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		23
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	23
	11 years to 30 years	
	Greater than 30 years	
Date that this information was last updated (<i>month and year</i>)		12-2005
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>)		yes

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Water quality		Barbados
Data routinely measured (Yes -If activity undertaken. -No- otherwise)	Water Temperature	no
	Air Temperature	no
	pH	yes
	Specific Conductivity	yes
	Dissolved Oxygen	no
	Turbidity	no
	Major ions	yes
	Metals	yes
	Organics	yes
	Pesticides	yes
	Herbicides	yes
	Mercury	no
	Phenols	no
	Nutrients	yes
	BOD & COD	no
POPs	yes	
Others (Please specify)	Wide Screen	
Number of sites at which recordings are taken (Number of sites currently operating)		22
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	22
	5 years to 10 years	18
	11 years to 30 years	
	Greater than 30 years	
Date that this information was last updated (month and year)		Month
Are the data: Available in an electronic medium (yes or no)		yes
Stored in a database (yes or no)		yes