

# INFOHYDRO

## Trinidad and Tobago

Hydrological observation in the country are largely undertaken by [Water and Sewerage Authority](#)

The following information pertaining to:

[Water and Sewerage Authority](#)

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Percentage of coverage represented by these data:

N/A

Last update:

18/07/07

### **Preliminary information**

### **Trinidad and Tobago**

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

Water and Sewerage Authority

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

Water Resources Agency

Abbreviated name

WASA

Full mailing address (*of the Institution*)

Water and Sewerage Authority, Farm Road  
St. Joseph, Trinidad W.I.

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

-

Telephone number (*Central operator*)

(1868) 662-2302 ext 3800

Telefacsimile number (*Central operator*)

(1868) 662-2810

Electronic mail identifier (*E-mail address*)

-

Host system network address (*Web site address*)

<http://www.wasa.gov.tt>

# INFOHYDRO

Preliminary information		Trinidad and Tobago
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	no
	Navigation	no
	Others ( <i> please specify</i> )	0
Coverage	National ( <i>if not leave blank</i> )	yes
	Other (Regional, State, Province...)	-
Types of stations operated	Hydrometric	yes
	Groundwater	yes
	Climate	yes
	Snow	no
	Lake levels	yes
	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>km<sup>2</sup></i> )	Trinidad-4828 Tobago-300
	Mean Annual Precipitation ( <i>mm</i> )	Trinidad - 2200, Tobago- 1900
	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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Pluviographs - Continuous Precipitation Recording		Trinidad and Tobago
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		72
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	11
	5 years to 10 years	30
	11 years to 30 years	18
	Greater than 30 years	13
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	30
	Satellite	-
	Others ( <i>Please specify and give number operating</i> )	Manual Collection- 42
Method used to estimate precipitation ( <i>Number of sites currently operating</i> )	Tipping Bucket	41
	Siphon	31
	Others ( <i>Please specify and give number operating</i> )	-
Number of radar stations located in the country ( <i>Number of sites</i> )		0
Date that this information was last updated ( <i>month and year</i> )		01-2007
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		Trinidad and Tobago
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		84
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	0
	5 years to 10 years	0
	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	84
	Others ( <i>Please specify and give number operating</i> )	-
Date that this information was last updated ( <i>month and year</i> )		01-2007
Are the data: Available in an electronic medium ( <i>yes or no</i> )		yes
Stored in a database ( <i>yes or no</i> )		yes

# INFOHYDRO

Evaporation		Trinidad and Tobago
Recording frequency ( <i>Instantaneous, seconds, minutes, hours, days, etc.</i> )		daily
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		4
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	4
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	4
	Others ( <i>Please specify and give number operating</i> )	-
Method used to estimate evaporation ( <i>Yes -If activity undertaken- No, otherwise</i> )	Direct measurement	yes
	Indirect calculation	yes
Date that this information was last updated ( <i>month and year</i> )		01-2007
Are the data: Available in an electronic medium ( <i>yes or no</i> )		yes
Stored in a database ( <i>yes or no</i> )		yes

# INFOHYDRO

Stage recording		Trinidad and Tobago
Recording frequency ( <i>Instantaneous, seconds, minutes, hours, days, etc.</i> )		Instantaneous
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		38
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	2
	5 years to 10 years	15
	11 years to 30 years	7
	Greater than 30 years	7
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	15
	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	-
	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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Discharge non-recording		Trinidad and Tobago
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> )		75
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	75
	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> )	-
	Indirect calculation	-
Method used to estimate discharge ( <i>Yes -If activity undertaken. -No- otherwise</i> )	Rating Curve	yes
	Others ( <i>Please specify</i> )	-
Date that this information was last updated ( <i>month and year</i> )		01-2007
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		Trinidad and Tobago
Recording frequency	Non-continuous	211
	Continuous	-
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> )	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	-
Date that this information was last updated ( <i>month and year</i> )		01-2007
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		Trinidad and Tobago
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	no
	Pesticides	no
	Herbicides	no
	Mercury	no
	Phenols	no
	Nutrients	yes
BOD & COD	no	
POPs	no	
Others (Please specify)	-	
Number of sites at which recordings are taken (Number of sites currently operating)		82
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	82
	5 years to 10 years	-
	11 years to 30 years	-
	Greater than 30 years	-
Date that this information was last updated (month and year)		01-2007
Are the data: Available in an electronic medium (yes or no)		Yes
Stored in a database (yes or no)		Yes