

# INFOHYDRO

## Czech Republic

Hydrological observation in the country are largely undertaken by Ministry of Environment of the Czech Republic

The following information pertaining to:

Ministry of Environment of the Czech Republic

### 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:

24/04/2006

### **Preliminary information**

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

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

Abbreviated name

Full mailing address (*of the Institution*)

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

Telephone number (*Central operator*)

Telefacsimile number (*Central operator*)

Electronic mail identifier (*E-mail address*)

Host system network address (*Web site address*)

### **Czech Republic**

Ministry of Environment of the Czech Republic

Czech Hydrometeorological Institute

CHMI

Na Šabatce 17, Praha 4 Komorany Czech Republic, 14306

-

420 244 032 300

420 244 032 357

kubat@chmi.cz

www.chmi.cz

# INFOHYDRO

Preliminary information		Czech Republic
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	yes
	Agriculture	yes
	Water supply	yes
	Flood control	yes
	Pollution control	yes
	Navigation	yes
	Others ( <i> please specify</i> )	
Coverage	National ( <i>if not leave blank</i> )	yes
	Other (Regional, State, Province...)	
Types of stations operated	Hydrometric	yes
	Groundwater	yes
	Climate	no
	Snow	no
	Lake levels	no
	Glaciers	no
	Estuaries	no
	Ice thickness	no
	Soil Moisture	no
	Sediment	yes
	Water quality	yes
Bio diversity	no	
Geographical Descriptors	Area of country or region (State) ( <i>km<sup>2</sup></i> )	78866
	Mean Annual Precipitation ( <i>mm</i> )	685
	Standard Deviation of Annual Precipitation ( <i>mm</i> )	88
	General climate ( <i>Tropical,sub-tropical, Arid, semi-arid, temperate etc...</i> )	Temperate

# INFOHYDRO

Pluviographs - Continuous Precipitation Recording		Czech Republic
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		140
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	148
	5 years to 10 years	138
	11 years to 30 years	39
	Greater than 30 years	38
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> )	116
Method used to estimate precipitation ( <i>Number of sites currently operating</i> )	Tipping Bucket	116
	Siphon	32
	Others ( <i>Please specify and give number operating</i> )	
Number of radar stations located in the country ( <i>Number of sites</i> )		2
Date that this information was last updated ( <i>month and year</i> )		03-2006
Are the data: Available in an electronic medium ( <i>yes or no</i> )		No
Stored in a database ( <i>yes or no</i> )		No

# INFOHYDRO

Evaporation		Czech Republic
Recording frequency ( <i>Instantaneous, seconds, minutes, hours, days, etc.</i> )		Manual stations: days, Automatic stations: 15 minutes
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		28
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	4
	5 years to 10 years	1
	11 years to 30 years	12
	Greater than 30 years	11
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	13
	Others ( <i>Please specify and give number operating</i> )	15
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> )		03-2006
Are the data: Available in an electronic medium ( <i>yes or no</i> )		yes
Stored in a database ( <i>yes or no</i> )		No

# INFOHYDRO

Discharge recording		Czech Republic
Recording frequency ( <i>Instantaneous, seconds, minutes, hours, days, etc.</i> )		minutes, hours
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		485
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	10
	5 years to 10 years	18
	11 years to 30 years	110
	Greater than 30 years	347
Method of transmission of data from sites and number of sites using this method of transmission ( <i>Number of sites currently operating</i> )	Telephone	140
	Radio	
	Satellite	
	Post/Collected	
	Others ( <i>Please specify and give number operating</i> )	GPRS 60
Method used to determine stage ( <i>Yes -If activity undertaken- No, otherwise</i> )	Gauge-board	no
	Float Well	yes
	Gas-pressure	yes
	Others ( <i>Please specify</i> )	pressure sensor
Method used to estimate discharge ( <i>Yes -If activity undertaken- No,</i>	Rating Curve	yes
	Others ( <i>Please specify</i> )	
Date that this information was last updated ( <i>month and year</i> )		03-2006
Are the data: Available in an electronic medium ( <i>yes or no</i> )		yes
Stored in a database ( <i>yes or no</i> )		yes

# INFOHYDRO

Groundwater		Czech Republic
Recording frequency	Non-continuous	84
	Continuous	16
Number of sites at which recordings are taken ( <i>Number of sites currently operating</i> )		2070
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	3
	5 years to 10 years	17
	11 years to 30 years	297
	Greater than 30 years	1753
Date that this information was last updated ( <i>month and year</i> )		03-2006
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> )		

# INFOHYDRO

Sediment		Czech Republic
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> )		45
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	45
	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

# INFOHYDRO

Water quality		Czech Republic
Data routinely measured (Yes -if activity undertaken. -No- otherwise)	Water Temperature	yes
	Air Temperature	yes
	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)		328
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	64
	5 years to 10 years	16
	11 years to 30 years	80
	Greater than 30 years	168
Date that this information was last updated (month and year)		-
Are the data: Available in an electronic medium (yes or no)		yes
Stored in a database (yes or no)		yes