

INFOHYDRO

Slovak Republic

Hydrological observation in the country are largely undertaken by
[Slovak Hydrometeorological Institute](#)

The following information pertaining to:

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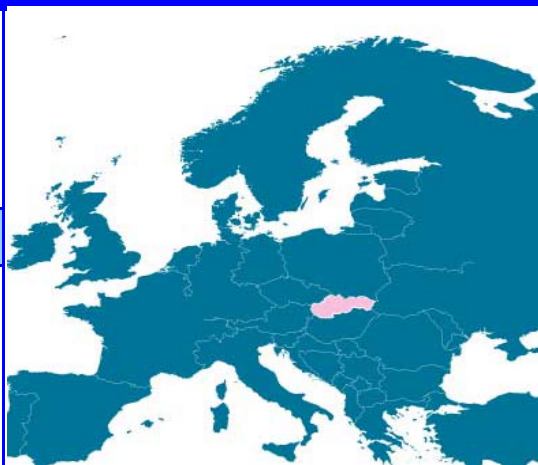
[Discharge non-recording](#)

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Percentage of coverage represented by these data:

N/A

Last update:

10/07/2007

Preliminary information

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

Slovak Republic

Slovak Hydrometeorological Institute

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

Hydrological Service Division, Meteorological Service Division

Abbreviated name

SHMÚ

Full mailing address (*of the Institution*)

Jeséniova 17, 833 15 Bratislava, Slovak Republic

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

-

Telephone number (*Central operator*)

+421 2 59 415 111

Telefacsimile number (*Central operator*)

-

Electronic mail identifier (*E-mail address*)

first name.surname@shmu.sk

Host system network address (*Web site address*)

www.shmu.sk

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Preliminary information		Slovak 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	yes
	Snow	yes
	Lake levels	no
	Glaciers	no
	Estuaries	no
	Ice thickness	no
	Soil Moisture	yes
	Sediment	yes
	Water quality	yes
Bio diversity	no	
Geographical Descriptors	Area of country or region (State) (<i>km²</i>)	49.036
	Mean Annual Precipitation (<i>mm</i>)	783
	Standard Deviation of Annual Precipitation (<i>mm</i>)	99
	General climate (<i>Tropical,sub-tropical, Arid, semi-arid, temperate etc...</i>)	midlatitudes humid oceanic climate

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Pluviographs - Continuous Precipitation Recording		Slovak Republic
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		105
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	83
	5 years to 10 years	22
	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>)	GPRS 83, WAN 22
Method used to estimate precipitation (<i>Number of sites currently operating</i>)	Tipping Bucket	22
	Siphon	-
	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>)		07-2007
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		Slovak Republic
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		660
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	7
	11 years to 30 years	83
	Greater than 30 years	566
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	39
	Radio	-
	Satellite	-
	Post/Collected	599
	Others (<i>Please specify and give number operating</i>)	22
Date that this information was last updated (<i>month and year</i>)		07-2007
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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Evaporation		Slovak Republic
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		days
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		36
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	16
	Greater than 30 years	20
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	36
	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>)		07-2007
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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Stage non-recording		Slovak Republic
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>)		0
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	-
	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	-
	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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Stage recording		Slovak Republic
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		15 min
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		14
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	0
	5 years to 10 years	0
	11 years to 30 years	2
	Greater than 30 years	12
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	8
	Radio	-
	Satellite	-
	Post/Collected	6
	Others (<i>Please specify and give number operating</i>)	-
Method used to estimate stage (<i>Yes -If activity undertaken. -No- otherwise</i>)	Gauge-board	no
	Float Well	no
	Gas-pressure	yes
	Others (<i>Please specify</i>)	-
Date that this information was last updated (<i>month and year</i>)		12-2006
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		Slovak Republic
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>)		0
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	-
	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>)	-
	Indirect calculation	-
Method used to estimate discharge (<i>Yes -If activity undertaken. -No- otherwise</i>)	Rating Curve	-
	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		Slovak Republic
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		15 min
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		421
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	43
	5 years to 10 years	3
	11 years to 30 years	113
	Greater than 30 years	262
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	165
	Radio	-
	Satellite	-
	Post/Collected	256
	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	yes
	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>)	-
Date that this information was last updated (<i>month and year</i>)		12-2006
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		Slovak Republic
Recording frequency	Non-continuous	0
	Continuous	544
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		544
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	183
	5 years to 10 years	104
	11 years to 30 years	257
	Greater than 30 years	0
Date that this information was last updated (<i>month and year</i>)		07-2007
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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Sediment		Slovak Republic
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		2 samples/ year
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		18
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	18
	11 years to 30 years	0
	Greater than 30 years	0
Date that this information was last updated (<i>month and year</i>)		07-2007
Are the data: Available in an electronic medium (<i>yes or no</i>)		yes
Stored in a database (<i>yes or no</i>)		no

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Water quality		Slovak 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	No
	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)	biological and microbiological determinands
Number of sites at which recordings are taken (Number of sites currently operating)		78
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	0
	5 years to 10 years	5
	11 years to 30 years	30
	Greater than 30 years	43
Date that this information was last updated (month and year)		07-2007
Are the data: Available in an electronic medium (yes or no)		Yes
Stored in a database (yes or no)		Yes